

# HARDWARE AGE

JULY 25, 1940

Who  
Makes  
It

MERCHANDISE DIRECTORY

FOR HARDWARE BUYERS

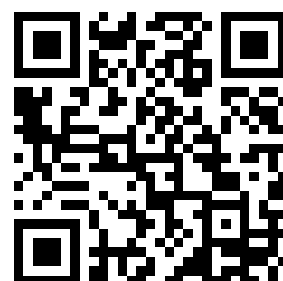


---

This is a reproduction of a library book that was digitized by Google as part of an ongoing effort to preserve the information in books and make it universally accessible.

Google<sup>TM</sup> books

<https://books.google.com>









# The BOSS Profit-Quality Line

## OIL RANGES AND STOVES



This Range Is Popular In The Better Homes



A Fast Selling Enclosed Console With Condiment Set



A Popular Full Porcelain Cabinet Range With Covered Back Splasher Shelf



A Neat, Enameled, Enclosed Cabinet Stove With Shelf-Splasher

## OIL HEATERS



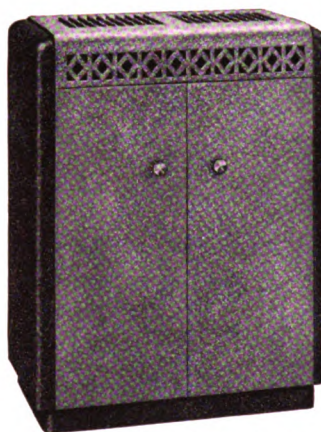
"Top-Speed" Long Chimney Adjustable Wick Type Burner



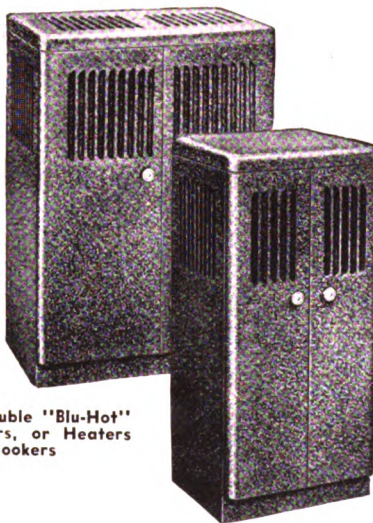
"Blu-Hot" Adjustable Wickless Burner



Single and Double "Blu-Hot" Burner Heaters, or Heaters and Cookers



New Two-Tone Brown Circulating Heater, or Heater and Cooker



The New Improved ROTOHOT, Three-Step, Fixed-Flame Heater

## WATER HEATER OVENS • STOVES



No. 10 Single Burner Water Heater



No. 20 Double Burner Water Heater

Complete Line of Famous BOSS Glass Door Ovens



No. 713 Burner Wood Heater



"Mecca Lustre" Stove Pipe, Elbows, Flue Reducers and Tee Joints



THE HUENEFELD COMPANY • Cincinnati, Ohio

BOSS STOVES, RANGES, OVENS, HEATERS



Chestnut and 56th Streets  
Philadelphia, Pa.Executive Offices  
100 East 42nd Street  
New York, N. Y.

Owned, Published and Copyrighted

by

CHILTON COMPANY  
(Incorporated)

# HARDWARE AGE

MERCHANDISE DIRECTORY NUMBER

JULY 25, 1940

## CONTENTS

	PAGE
Index to Product Information - - - - -	3
Index to Advertisers - - - - -	31
Index to General Merchandise - - - - -	51
Index to Manufacturers' Trade Names - - - - -	661
Index to Jobbers' Brands - - - - -	698
Editorial Reference Data - - - - -	703

## INDEX TO PRODUCT INFORMATION

Listings in the Index to Product Information are not a part of the advertiser's contract; no allowance will be made for possible errors or omissions.

### MR. BUYER: Use This Index First!

**T**HIS index is for your convenience. It coordinates and makes readily available to you the information concerning the thousands of items of merchandise offered in the advertising in this volume.

The product information of over five hundred manufacturers is presented thus as a unit, almost as a composite catalog, indexed and cross indexed so that, when seeking an item, you can see at a glance what companies make it and on what pages their products are illustrated and described.

If the item you are seeking is not listed here, refer to the general Merchandise Directory section starting on page 51 for the manufacturer's name, brand name, etc., and write for his catalog and the name of his jobber in your territory. Also tell him of the added convenience to you if he had given you his product data in this Merchandise Guide.

This "Index to Product Information" is presented entirely for the convenience of the buyer and only those items are indexed for which information is given in each catalog-advertisement.

ABRASIVE FILES	Page
Berea Abrasives .....	454
Carborundum Co. ....	44
Luther Grinder & Tool Co. ....	302

ABRASIVES, Belt, Cone, Disc & Roll	
Armour Sand Paper Works .....	74

ABRASIVES, Coated	
Armour Sand Paper Works .....	74
Berea Abrasives .....	454
Carborundum Co. ....	44
Minnesota Mining & Mfg. Co. ....	628
Landon P. Smith, Inc. (Sandpaper) .....	718

ACCESSORIES, BATHROOM, See Bathroom Fixtures	
--	--

ADJUSTERS, Casement Window	
H. S. Getty & Co., Inc. ....	322

ADJUSTERS, Screen & Sash	Page
Phenix Mfg. Co. ....	428

AIR COMPRESSOR EQUIPMENT	
W. R. Brown Corp. ....	334

AIRPLANES, Model, Assembled & Kits	
Cleveland Model & Supply Inc. ....	528

ALUMINUM POWDER	
Belmont Smelting & Refining Works, Inc. ....	632

ALUMINUM WARE, See Ware, Aluminum	
-----------------------------------	--

ANCHORS, Bolt, Expansion	
Paine Co. ....	224
Rawplug Co., Inc. ....	444
Wrought Washer Mfg. Co. ....	286

ANCHORS, Drive	Page
Paine Co. ....	224
Rawplug Co., Inc. ....	444

ANCHORS, Lead, Expansion	
Paine Co. ....	224

ANCHORS, Machine Screw	
Rawplug Co. ....	444

ANCHORS, Screw, Fibre	
Paine Co. ....	224
Rawplug Co. ....	444

ANCHORS, Screw, Metal	
Paine Co. ....	224

ANIMALS, Stuffed	
Gund Mfg. Co. ....	444



<b>ANODES, Nickel Cadmium, Copper, Lead, Zinc</b> Belmont Smelting & Refining Works, Inc. ....	632	<b>BALLS, Duck Pin (Bowling)</b> Lignum-Vitae Products Corp. ....	632	<b>BEARINGS, Ball</b> Schatz Mfg. Co. ....	526
<b>ANT EXTERMINATORS, See Exterminators, Ant</b>		<b>BALLS, Rubber, Toy</b> Barr Rubber Products Co. ....	240	<b>BEATERS, Egg</b> Edlund Co. .... United Royalties Corp. ....	156 632
<b>ANTI-RATTLE, Auto</b> Van Cleef Bros. (rubber shim) ..	417	<b>BALLS, Moth</b> Zoro Co. ....	566	<b>BELLS, Cow</b> Sargent & Co. ....	110
<b>ANVILS</b> Fisher & Norris ..... John H. Graham & Co., Inc. .... National Sewing Machine Co. ....	658 426 290	<b>BALLS, Polo</b> Lignum-Vitae Products Corp. ..	632	<b>BELT LACING, See Lacing, Belt &amp; Tools, Belt Lacing</b>	
<b>APPLICATORS, Floor Polish</b> O-Cedar Corp. ....	135	<b>BALLS, Tank, See Tank Balls</b>		<b>BEVELS, Carpenters'</b> Southington Hardware Co. .... Stanley Tools ..... 174	98
<b>ARBORS &amp; CHUCKS, See Chucks &amp; Arbors</b>		<b>BALLS, Tennis</b> John H. Graham & Co., Inc. ....	426	<b>BIBBS, See Faucets</b>	
<b>ASPHALT SHINGLES, See Shingles, Asphalt</b>		<b>BALLS, Turf Bowling &amp; Bocce</b> Lignum-Vitae Products Corp. ....	632	<b>BICYCLES</b> Colson Corp. .... D. P. Harris Hdwe. & Mfg. Co., Inc. .... Iver Johnson Arms & Cycle Wks. .... Murray Ohio Mfg. Co. .... Shelby Cycle Co. .... Westfield Mfg. Co. ....	556 390 400 171 310 266
<b>ASSORTMENTS, Wire</b> E. H. Tate Co. ....	544	<b>BARN EQUIPMENT</b> Gardner Mfg. Co. ....	574	<b>BINDERS, Load</b> American Logging Tool Co. .... Warren Axle & Tool Co. ....	576 488
<b>ASSORTMENTS, Wire, Spooled</b> E. H. Tate Co. ....	544	<b>BARROWS, Wheel, See Wheelbarrows</b>		<b>BINS, Nail</b> Frick-Gallagher Mfg. Co. (re-volving) ..... Wellston Mfg. Co. (revolving) ..	292 348
<b>ATHLETIC GOODS</b> Draper-Maynard Co. ....	406	<b>BARS, Crow</b> Warren Tool Corp. ....	92	<b>BINS, Nail, Counter, Revolving</b> Wellston Mfg. Co. ....	348
<b>AUGER BITS, See Bits, Auger</b>		<b>BARS, Horizontal (Playground, Gymnasium)</b> Arch-Horne Co. ....	622	<b>BINS, Nail, Steel Revolving</b> Frick-Gallagher Mfg. Co. .... Wellston Mfg. Co. ....	292 348
<b>AUGERS, Closet</b> Keystone Brass & Rubber Co. ..	717	<b>BARS, Iron &amp; Steel</b> Jos. T. Ryerson & Son, Inc. ....	420	<b>BISMUTH</b> Belmont Smelting & Refining Works, Inc. ....	632
<b>AUGERS, Ship</b> Greenlee Tool Co. ....	42	<b>BARS, Push &amp; Pull, Door</b> Peerless Bronze & Aluminum Co. 504		<b>BITS, Auger</b> Cleveland Twist Drill Co. .... Goodell-Pratt ..... Greenlee Tool Co. .... Irwin Auger Bit Co. .... Russell Jennings Mfg. Co. .... Millers Falls Co. .... Progressive Mfg. Co. (circular rim) ..... Stanley Tools ..... James Swan Co. ....	130 48 42 67 340 48 376 174 352
<b>AUGERS, Well &amp; Post-hole</b> Iwan Bros. ....	400	<b>BARS, Rippling</b> American Logging Tool Co. .... American Swiss File & Tool Co. .... Vaughan & Bushnell Mfg. Co. ... Warren Tool Corp. ....	576 472 398 92	<b>BITS, Auger, Rim Guide</b> Progressive Mfg. Co. ....	376
<b>AUTOS, Model, Assembled &amp; Kits</b> Cleveland Model & Supply Co. ... Syncro Devices, Inc. ....	528 226	<b>BARS, Slice</b> Farrell-Cheek Steel Co. ....	434	<b>BITS, Car</b> Goodell-Pratt ..... Greenlee Tool Co. .... Irwin Auger Bit Co. .... Millers Falls Co. .... James Swan Co. ....	48 42 67 48 352
<b>AWLS</b> Crescent Tool Co. .... Goodell-Pratt ..... Millers Falls Co. ....	241 48 48	<b>BARS, Towel, See Towel Bars</b>		<b>BITS, Electrician's and Bell Hanger's</b> Cleveland Twist Drill Co. .... Goodell-Pratt ..... Greenlee Tool Co. .... Irwin Auger Bit Co. .... Millers Falls Co. .... Morse Twist Drill & Machine Co. .... Russell Jennings Mfg. Co. .... James Swan Co. ....	130 48 42 67 48 102 340 352
<b>AXES</b> American Fork & Hoe Co. .... Collins Co. .... Peavey Mfg. Co. (logging) ..... Fayette R. Plumb, Inc. .... Rixford Mfg. Co. .... Vaughan & Bushnell Mfg. Co. ... Warren Axe & Tool Co. ....	263 520 630 50 566 398 488	<b>BARS, Trapese</b> Arch-Horne Co. ....	622	<b>BITS, Expansion</b> Connecticut Valley Mfg. Co. .... Goodell-Pratt ..... Greenlee Tool Co. .... Irwin Auger Bit Co. .... Russell Jennings Mfg. Co. .... Millers Falls Co. .... James Swan Co. ....	524 48 42 67 340 48 352
<b>AXES, HAND</b> Bridgeport Hardware & Mfg. Co. .... Collins Co. .... Estwing Mfg. Co. (leather handle) ..... Peavey Mfg. Co. (belt, logging) ..... Fayette R. Plumb, Inc. .... Rixford Mfg. Co. .... Stanley Tools ..... Vaughan & Bushnell ..... 398	162 520 240 50 566 174 398	<b>BASKETBALLS</b> Draper-Maynard Co. ....	406	<b>BITS, Gimlet</b> Goodell-Pratt ..... Millers Falls Co. .... James Swan Co. ....	48 48 352
<b>AXES, Scent</b> Bridgeport Hardware & Mfg. Co. .... Collins Co. .... Estwing Mfg. Co. (leather handle) ..... Fayette R. Plumb, Inc. ....	162 520 240 50	<b>BASKETS, Dipping</b> C. O. Jelliff Mfg. Corp. ....	602	<b>BITS, Harness</b> Imperial Bit & Snap Co. ....	118
<b>BABBIT METAL</b> Alpha Metal & Rolling Mills, Inc. .... Belmont Smelting & Refining Works, Inc. ....	570 632	<b>BASKETS, Rubbish</b> Cyclone Fence Co. .... Standard Fence Co. .... U. S. Steel & Wire Co. ....	410 410 410	<b>BITS, Machine, Turned Shank</b> Russell Jennings Mfg. Co. .... Irwin Auger Bit Co. ....	340 67
<b>BACKRESTS</b> Relax Mfg. Co. (for camp, beach, etc.) .....	566	<b>BASKETS, Steel, Galvanized</b> National Enameling & Stamping Co. .... Reeves Steel & Mfg. Co. ....	140 384	<b>BITS, Square Shank</b> Russell Jennings Mfg. Co. ....	340
<b>BAGS, Punching</b> Draper-Maynard Co. ....	406	<b>BASKETS, Waste</b> National Enameling & Stamping Co. .... Owens-Illinois Can Co. .... Schlueter Mfg. Co. ....	140 190 114	<b>BLADES, Extension, Pattern Makers</b> Robert Murphy's Sons Co. ....	608
<b>BAIT, Artificial</b> Akron Fishing Tackle Works, Inc. .... American Fork & Hoe Co. .... Day Bait Co. .... Enterprise Mfg. Co. .... Pflueger Fishing Tackle ..... 478	478 263 570 478 478	<b>BATH SPRAYS, Portable, See Sprays, Bath</b>			
<b>BAIT, Preserved</b> Day Bait Co. ....	570	<b>BATHROOM CABINETS, See Cabinets, Wall</b>			
<b>BALANCES, Sash</b> Caldwell Mfg. Co. .... Rochester Sash Balance Co., Inc. ....	480 504	<b>BATHROOM FIXTURES &amp; HARDWARE</b> American Enameled Products Co. .... Autoyre Co. .... Columbia Metal Box Co. .... Miami Cabinet Div. .... Peerless Steel Equipment Co. (shower cabinets) ..... United Wire Goods Mfg. Co., Inc. ....	616 168 150 324 314 504		
		<b>BATHROOM FIXTURES</b> Durst Mfg. Co. ....	642		
		<b>BATTERIES, Dry Cell</b> National Carbon Co., Inc. ....	308		
		<b>BATTERIES, Dry, Single &amp; Multi-cell</b> National Carbon Co., Inc. ....	308		
		<b>BATTERIES, Flashlight</b> National Carbon Co., Inc. .... Ray-O-Vac Co. .... Winchester Repeating Arms Co. ....	308 474 268		
		<b>BATTERIES, Radio A &amp; B &amp; C</b> National Carbon Co., Inc. ....	308		

<b>BLADES, Saw, See Saw Blades</b>	<b>Page</b>	<b>BOLTS, Foot</b>	<b>Page</b>	<b>BRACES, Corner</b>	<b>Page</b>
<b>BLADES, Wood and Floor Scraper</b>		Griffin Mfg. Co. ....	592	Griffin Mfg. Co. ....	592
Fletcher, Terry Co. ....	434	<b>BOLTS, Hanger</b>		National Mfg. Co. ....	88
Goodell-Pratt Co. ....	48	Continental Screw Co. ....	346	Sargent & Co. ....	110
Millers Falls Co. ....	48	Paine Co. ....	224	Stanley Works ....	350
Landon P. Smith, Inc. ....	718	<b>BOLTS, Heel</b>		<b>BRACES, Corner, Screen</b>	
Stanley Tools ....	174	Lamson & Sessions Co. ....	548	Griffin Mfg. Co. ....	396
<b>BLANKS, Key, See Key Blanks</b>		<b>BOLTS, Lag, See Screws, Lag</b>		F. D. Kees Mfg. Co. ....	356
<b>BLOCKS, Deodorant</b>		<b>BOLTS, Spring Center</b>		<b>BRACES, Furniture</b>	
Uncle Sam Chemical Co., Inc. ....	604	Clark Bros. Bolt Co. ....	484	Buckeye Glide Co., Inc. ....	480
<b>BLOCKS, Tackle (Manila &amp; Wire Rope)</b>		<b>BOLTS, Toggle</b>		Wittliff Furniture Brace Co. ....	632
Upson-Walton Co. ....	550	Paine Co. ....	224	<b>BRACES, Garage Door (turnbuckle)</b>	
Wilcox, Crittenden & Co. ....	434	<b>BOLTS, Window</b>		Edward W. Daniel Co. ....	302
<b>BLOCKS, Toy, Letters &amp; Toy Making Kits</b>		Sargent & Co. ....	110	<b>BRACES, Screen Door (turnbuckle)</b>	
A. I. Root Co. ....	576	<b>BORDERS, Flower Bed, Wire</b>		Edward W. Daniel Co. ....	302
<b>BLOWERS, Heat Circulating, Electric</b>		Continental Steel Corp. ....	284	Everedy Co. ....	144
J. L. Skuttle Co. ....	584	Indiana Steel & Wire Co. ....	402	National Mfg. Co. ....	88
<b>BOARDS, Diving</b>		Pittsburgh Steel Co. ....	205	<b>BRACKETS, Cupboard Door Control</b>	
Arch-Horne Co. ....	622	<b>BOTTLES, Vacuum</b>		Shelby Spring Hinge Co. ....	318
<b>BOARDS, Glass Cutting</b>		Aladdin Industries, Inc. ....	80	<b>BRACKETS, Lamp</b>	
Lufkin Rule Co. ....	586	American Thermos Bottle Co. ....	126	Arcade Mfg. Co. ....	576
<b>BOARDS, Ironing</b>		Landers, Frary & Clark Co. ....	148	<b>BRACKETS, Roofing</b>	
J. R. Clark Co. ....	64	<b>BOTTLES, Vacuum, Lunch Kits</b>		Ajax Building Bracket Co. ....	286
Moulton Ladder Mfg. Co. ....	338	American Thermos Bottle Co. ....	126	<b>BRACKETS, Scaffold</b>	
Rich Ladder & Mfg. Co. ....	254	Landers, Frary & Clark Co. ....	148	Ajax Building Bracket Co. ....	286
<b>BOARDS, Ironing, Toy</b>		<b>BOTTOMS, Door (Weather Sealing)</b>		<b>BRACKETS, Shelf</b>	
Arcade Mfg. Co. ....	576	Chamberlain Metal Weather Strip Co., Inc. ....	128	Champion Hardware Co. ....	486
<b>BOARDS, Wash</b>		W. J. Dennis & Co. ....	146	Griffin Mfg. Co. ....	592
Rich Ladder & Mfg. Co. ....	254	Wirfs-Bosley Corp. ....	404	C. A. Hager & Sons Hinge Mfg. Co. ....	306
<b>BOBS, Plumb</b>		<b>BOWLS, Watering, Automatic, Barn Equipment</b>		Stanley Works ....	350
Sargent & Co. ....	110	Gardner Mfg. Co. ....	574	<b>BRACKETS, Shingling</b>	
<b>BOILER LEAK REPAIR</b>		<b>BOXES, Bread</b>		Rugg Mfg. Co. ....	468
International Plumbing & Mfg. Co. ....	594	National Enameling & Stamping Co. ....	140	<b>BRACKETS, Stadium Seat</b>	
Parker-Kalon Corp. ....	106	Owens-Illinois Co. ....	190	Allith-Prouty Mfg. Co. ....	72
<b>BOLTS AND NUTS</b>		Schluter Mfg. Co. ....	114	Arch-Horne Co. ....	622
American Screw Co. (regular & Phillips recessed) ....	104	<b>BOXES, Cake</b>		<b>BRACKETS, Window Seat</b>	
Bethlehem Steel Co. ....	256	Owens-Illinois Can Co. ....	190	Little Giant Window Bracket Co. ....	632
Clark Bros. Bolt Co. ....	484	<b>BOXES, folding, for shelf Hardware stock</b>		Sil Seat Mfg. Co., Inc. ....	622
Continental Screw Co. (regular & Phillips) ....	346	Brooks & Porter, Inc. ....	62	<b>BRADS &amp; SMALL NAILS</b>	
Eagle Lock Co. (Stowe) ....	580	<b>BOXES AND KITS, Lunch</b>		Continental Steel Corp. ....	284
Lamson & Sessions Co. ....	548	American Thermos Bottle Co. ....	126	W. W. Cross & Co., Inc. ....	236
National Screw & Mfg. Co. (regular & Phillips recessed) ....	202	Landers, Frary & Clark Co. (vacuum bottle) ....	148	Keystone Steel & Wire Co. ....	412
Pheoll Mfg. Co. (regular & Phillips) ....	364	<b>BOXES, Mail</b>		Wickwire Bros. ....	85
Republic Steel Corp. ....	374	Champion Hardware Co. ....	486	Wickwire Spencer Steel Co. ....	470
Russell, Burdick & Ward Bolt & Nut Co. (regular & Phillips recessed) ....	316	Geo. F. Collins & Co. (glass) ....	622	<b>BREWERS, Coffee, See Makers, Coffee</b>	
Joe T. Ryerson & Son, Inc. ....	420	Patent Novelty Co. ....	282	<b>BRICKS, Sticks, Abrasive</b>	
Southington Hardware Co. (Stove Bolts, Slotted & Phillips recessed) ....	98	<b>BOXES, Mail, Apartment</b>		Berea Abrasives ....	454
Triplex Screw Co. ....	534	Columbia Metal Box Co. ....	150	<b>BRIGHT WIRE GOODS</b>	
<b>BOLTS, Anchor</b>		<b>BOXES, Match, Waterproof</b>		M. S. Brooks & Sons ....	464
Paine Co. ....	224	Marble Arms & Mfg. Co. ....	394	Hindley Mfg. Co. ....	390
Rawplug Co. ....	444	<b>BOXES, Mitre</b>		Merrill Mfg. Co. ....	622
<b>BOLTS, Barrel</b>		Baker-McMillen Co. (mitre kits) ....	640	Chas. O. Larson Co. ....	656
Champion Hardware Co. ....	486	Goodell-Pratt ....	48	Parker Wire Goods Co. ....	252
Griffin Mfg. Co. ....	592	Millers Falls Co. ....	48	Sargent & Co. ....	110
National Mfg. Co. ....	88	National Specialty Co. ....	238	E. H. Tate Co. ....	544
<b>BOLTS, Chain</b>		Stanley Tools ....	174	Wickwire Spencer Steel Co. ....	470
<b>BOLTS, Cremonese</b>		Union Hardware Co. ....	552	<b>BROILERS (for top of stove)</b>	
<b>BOLTS, Door, Garage</b>		<b>BOXES, Mixing, Mortar</b>		Hamlin Metal Products Co. (bacon crisper) ....	176
Prantz Manufacturing Co. ....	448	Jackson Mfg. Co. ....	200	<b>BROOM RAKES, See Rakes, Lawn, Steel</b>	
National Manufacturing Co. ....	88	<b>BOXES, Picnic, insulated</b>		<b>BROOMS</b>	
Stanley Works ....	350	Metal Industries, Inc. ....	404	Illinois Duster & Brush Co. (push) ....	646
<b>BOLTS, Drive, Anchor</b>		<b>BOXES, Sand (playground)</b>		Milwaukee Brush Mfg. Co. (push) ....	239
Rawplug Co. ....	444	Arch-Horne Co. ....	622	<b>BRUSHES, Baker's</b>	
<b>BOLTS, Expansion</b>		<b>BOXES, Stock for shelf hardware</b>		Milwaukee Brush Co. ....	238
Paine Co. ....	224	Brooks & Porter, Inc. ....	62	<b>BRUSHES, Bristle and Fibre</b>	
Rawplug Co. ....	444	<b>BRACES, Bit</b>		Illinois Duster & Brush Co. ....	646
Wrought Washer Mfg. Co. ....	286	Goodell-Pratt ....	48	Milwaukee Brush Co. ....	238
<b>BOLTS, Eye and Ring</b>		Millers Falls Co. ....	48	<b>BRUSHES, Butcher Block</b>	
Edward W. Daniel Co. ....	302	Ritter-Carlton Co., Inc. ....	566	Milwaukee Brush Co. ....	238
Hindley Mfg. Co. ....	622	Stanley Tools ....	174	<b>BRUSHES, Counter</b>	
Merrill Mfg. Co. ....	110	<b>BRACES, Bolt</b>		Illinois Duster & Brush Co. ....	646
Sargent & Co. ....	110	Goodell-Pratt ....	48	Milwaukee Brush Co. ....	238
Upson-Walton Co. ....	550	Millers Falls Co. ....	48	<b>BRUSHES, Creamery</b>	
Wilcox Crittenden Co. ....	434	Ritter-Carlton Co., Inc. ....	566	Milwaukee Brush Co. ....	238
<b>BOLTS, Eye, Nut</b>		Stanley Tools ....	174	<b>BRUSHES, Floor</b>	
Edward W. Daniel Co. ....	302	<b>BRACES, Bolt</b>		Illinois Duster & Brush Co. ....	646
Merrill Mfg. Co. ....	622	Goodell-Pratt ....	48	Milwaukee Brush Mfg. Co. ....	238
Upson-Walton Co. ....	550	Millers Falls Co. ....	48	<b>BRUSHES, Flue, Boiler &amp; Furnace</b>	
Wilcox Crittenden Co. ....	434	Ritter-Carlton Co., Inc. ....	566	Milwaukee Brush Mfg. Co. ....	238
		Stanley Tools ....	174	<b>BRUSHES, Foundry</b>	
				Milwaukee Brush Co. ....	238



<b>BRUSHES, Household</b> Page	<b>CABLES, Drilling, Rope. See Rope,</b> Page	<b>CARRIERS, Hay</b> Page
Illinois Duster & Brush Co. .... 646	drilling cable	F. E. Myers & Bro. Co. .... 446
Milwaukee Brush Mfg. Co. .... 238		
<b>BRUSHES, Industrial &amp; Automotive</b>	<b>CADMIUM</b>	<b>CARRIERS, Ski &amp; Boat, Car Top</b>
Illinois Duster & Brush Co. .... 646	Belmont Smelting & Refining	Rugg Mfg. Co. .... 468
Milwaukee Brush Mfg. Co. .... 238	Wks., Inc. .... 632	Wesbar Stamping Co. .... 632
<b>BRUSHES, Paint &amp; Varnish</b>	<b>CAKES, Moth</b>	<b>CARRIERS, Timber</b>
Pittsburgh Plate Glass Co. .... 388	Uncle Sam Chemical Co., Inc. .... 604	American Logging Tool Co. .... 576
Wooster Brush Co. .... 250		Peavey Mfg. Co. .... 630
<b>BRUSHES, Plaster's</b>	<b>CAKES, Urinal, Deodorant</b>	Warren Axe & Tool Co. .... 488
Milwaukee Brush Co. .... 238	Uncle Sam Chemical Co., Inc. .... 604	
<b>BRUSHES, Rifle Cleaning</b>	<b>CALIPERS</b>	<b>CARTRIDGES, Rifle, Pistol, Etc.</b>
Union Hardware Co. .... 552	Goodell-Pratt ..... 48	Peters Cartridge Div. .... 563
<b>BRUSHES, Roof</b>	Lufkin Rule Co. .... 586	Remington Arms Co., Inc. .... 561
Milwaukee Brush Co. .... 238	L. S. Starrett Co. .... 518	Western Cartridge Co. .... 366
<b>BRUSHES, Waxing</b>	Millers Falls Co. .... 48	Winchester Repeating Arms Co. .... 268
Milwaukee Brush Co. .... 238	Ritter Carlton Co., Inc. .... 566	
<b>BRUSHES, Wheels, Fibre</b>	<b>CALKS, Boot</b>	<b>CARTS, Concrete</b>
Berea Abrasives ..... 454	Lufkin Rule Co. .... 586	Jackson Mfg. Co. .... 200
<b>BRUSHES, Window</b>	<b>CALLS, Duck, Crow, Goose, Etc.</b>	<b>CARTS, Hand, Farm &amp; Garden</b>
Illinois Duster & Brush Co. .... 646	Phillip S. Olt ..... 390	Masters Planter Co. .... 580
Milwaukee Brush Co. .... 238		<b>CARVING SETS, See Sets, Carving</b>
<b>BRUSHES, Wire</b>	<b>CANDLES</b>	<b>CASEMENT HARDWARE</b>
Milwaukee Brush Mfg. Co. .... 238	Socony-Vacuum Oil Co. .... 540	H. S. Getty & Co., Inc. .... 322
<b>BRUSHES, Wire Wheel</b>	<b>CANISTER SETS</b>	<b>CASEROLES</b>
Berea Abrasives ..... 454	National Enameling & Stamping	Everedy Co. (chrome) .... 144
Milwaukee Brush Mfg. Co. .... 238	Co. .... 140	
<b>BUCKETS, Well</b>	Owens-Illinois Can Co. .... 190	<b>CASTERS, Furniture</b>
Reeves Steel & Mfg. Co. .... 384	Schlueter Mfg. Co. .... 114	Bassick Co. .... 154
<b>BUCKLES &amp; SNAPS, Harness</b>	<b>CANS, Ash and Garbage</b>	Colson Corp. .... 556
Imperial Bit & Snap Co. .... 118	National Enameling & Stamping	Faultless Caster Co. .... 275
<b>BULBS, See Lamps, Incandescent</b>	Co. .... 140	Schatz Mfg. Co. .... 526
<b>BUMPERS, Door (Rubber Roller)</b>	Reeves Steel & Mfg. Co. .... 384	<b>CASTERS, Scrub Pail, Dollie</b>
Grand Specialties Co. .... 408	Schlueter Mfg. Co. .... 114	Patent Novelty Co. .... 282
<b>BUMPERS, Rubber, bars, screw and</b>	Witt Cornice Co. .... 218	<b>CASTERS, Truck</b>
<b>tack</b>	<b>CANS, Filler, flexible spout</b>	Bassick Co. .... 154
Colson Corp. .... 556	Eagle Mfg. Co. .... 494	Colson Corp. .... 556
Durst Mfg. Co. .... 642	<b>CANS, Filler, gasoline and oil</b>	Faultless Caster Co. .... 275
Elastic Tip Co. .... 322	Eagle Mfg. Co. .... 494	<b>CASTERS, Trunk</b>
International Plumbing Mfg. Co.,	Justrite Mfg. Co. .... 356	Schatz Mfg. Co. .... 526
Inc. .... 594	Schlueter Mfg. Co. .... 114	<b>CATCHERS, Grass, See Grass Catchers</b>
Keystone Brass & Rubber Co. .... 717	<b>CANS, Hoisting</b>	<b>CATCHES, Cabinet, See Latches, Cab-</b>
<b>BURNERS, Rubbish</b>	Witt Cornice Co. .... 218	<b>net</b>
Cyclone Fence Co. .... 410	<b>CANS, Hooded</b>	<b>CATCHES, Cupboard</b>
Standard Fence Co. .... 410	Witt Cornice Co. .... 218	American Cabinet Hardware Co. .... 199
United States Steel Corp. .... 410	<b>CANS, Oil</b>	Champion Hardware Co. .... 486
<b>BURNISHERS</b>	Eagle Mfg. Co. .... 494	Frantz Mfg. Co. .... 448
Sandvik Saw & Tool Corp. .... 453	Gustave Lidsen, Inc. .... 628	McKinney Mfg. Co. .... 97
<b>BURRS &amp; RIVETS, See Rivets &amp; Burrs</b>	Schlueter Mfg. Co. .... 114	National Lock Co. .... 244
<b>BUTTONS, Sash &amp; Screen</b>	<b>CANS, Oil Transparent</b>	National Mfg. Co. .... 88
Phenix Mfg. Co. .... 428	Eagle Mfg. Co. .... 494	<b>CATCHES, Friction</b>
Superior Fastener Corp. .... 632	<b>CANS, Roller</b>	American Cabinet Hardware Co. .... 199
<b>BUTTONS, Tufting (Upholsterer's)</b>	Witt Cornice Co. .... 218	Champion Hardware Co. .... 486
R. E. Miller, Inc. .... 716	<b>CANS, Sanitary</b>	Frantz Mfg. Co. .... 448
<b>BUTTS &amp; HINGES, See Hinges &amp; Butts</b>	Justrite Mfg. Co. .... 356	McKinney Mfg. Co. .... 97
<b>BUZZERS &amp; BELLS, See Bells &amp; Buz-</b>	Owens-Illinois Can Co. .... 190	National Lock Co. .... 244
<b>zers</b>	Schlueter Mfg. Co. .... 114	National Mfg. Co. .... 88
<b>CABINET HARDWARE, See Hardware, Cabinet</b>	<b>CANS, Sprinkling</b>	<b>CATCHES, Window</b>
<b>CABINETS, Bolt, Revolving</b>	National Enameling & Stamping	American Cabinet Hardware Co. .... 199
Frick-Gallagher Mfg. Co. .... 492	Co. .... 140	Frantz Mfg. Co. .... 448
Wellston Mfg. Co. .... 348	<b>CANS, Waste</b>	National Mfg. Co. .... 88
<b>CABINETS, Gun, Sportsmen's</b>	Justrite Mfg. Co. .... 356	<b>CAULKER, Pressure Gun</b>
Gardner Mfg. Co. .... 574	Witt Cornice Co. .... 218	Calbar Paint & Varnish Co. .... 500
<b>CABINETS, Medicine</b>	<b>CAP CRIMPER, Fuse</b>	Pecora Paint Co., Inc. .... 314
American Enameled Products Co. .... 616	Ensign-Bickford Co. .... 450	Tamms Silica Co. .... 522
Columbia Metal Box Co. .... 150	<b>CAP REMOVER, Bottle</b>	<b>CAULKING COMPOUNDS</b>
Miami Cabinet Div. .... 324	Edlund Co. .... 156	Calbar Paint & Varnish Co. .... 500
<b>CABINETS, Shower</b>	<b>CAPPERS, Bottle</b>	Pecora Paint Co., Inc. .... 314
Peerless Steel Equipment Co. .... 314	Everedy Co. .... 144	Soldine Corp. .... 404
<b>CABINETS, Sportsmen's</b>	<b>CAPS, Key, Rubber (for Typewriters)</b>	Stay-Tite Products Co. .... 404
Gardner Mfg. Co. .... 574	R. E. Miller, Inc. .... 716	Tamms Silica Co. .... 522
<b>CABINETS, Wall, Metal</b>	<b>CAR MOVERS</b>	<b>CEMENT, Canvas</b>
American Enameled Products Co. .... 616	Rowell Mfg. Co. .... 632	Stay-Tite Products Co. .... 404
Columbia Metal Box Co. .... 150	<b>CARAFES, Vacuum</b>	<b>CEMENT, Ferule (Fishing Rod)</b>
Miami Cabinet Div. .... 324	Landers, Frary & Clark Co. .... 148	Triggs-Michael Co. .... 646
<b>CABINETS, Wall, Mirror Front</b>	<b>CARBOLINIUM</b>	<b>CEMENT, Furnace</b>
American Enameled Products Co. .... 616	C-A Wood Preserver Co. .... 480	Philip Carey Co. .... 482
Columbia Metal Box Co. .... 150	<b>CARPET SWEEPERS</b>	Pecora Paint Co. .... 314
Miami Cabinet Div. .... 324	Bissell Carpet Sweeper Co. .... 417	<b>CEMENT, Household Repair</b>

<b>CEMENT, Model Airplane</b>	<b>Page</b>	<b>CHALK LINES, See Lines, Chalk and Mason</b>	<b>Page</b>	<b>CLAMPS, Screw, Miniature</b>	<b>Page</b>
Testor Cement Co. ....	536			Adjustable Clamp Co. ....	348
<b>CEMENT, Roofing</b>		<b>CHAMOIS</b>		<b>CLAMPS, Welder's</b>	
Barrett Co. ....	466	Hoyt & Worthen Tanning Corp.		Adjustable Clamp Co. ....	348
Philip Carey Co. ....	482	(French Process) ....	480	<b>CLEANER, Liquid, Rug and Upholstery</b>	
Foy Paint Co., Inc. (Asbestos) ..	448	<b>CHECKS, Door, See Closers, Door</b>		O'Cedar Corporation ....	135
Pecora Paint Co. ....	314	<b>CHECKS, Door, Screen</b>		Uncle Sam Chemical Co., Inc. ....	604
<b>CEMENT, Rubber</b>		Everedy Co. ....	144	<b>CLEANER, Window, Spray</b>	
Auburn Rubber Corp. ....	167	Independent Lock Co. ....	458	O'Cedar Corp. ....	135
<b>CENTER PUNCH, Cartridge (blasting)</b>		Norton Door Closer Co. ....	426	<b>CLEANERS, Auto</b>	
Ensign-Bickford Co. ....	450	Frank Rose Mfg. Co. ....	352	Gulf Refining Co. ....	158
<b>CENTERS, Sash</b>		Superior Spring Hinge Co. ....	504	O'Cedar Corp. ....	135
Sargent & Co. ....	110	Yale & Towne Mfg. Co. ....	422	<b>CLEANERS, Boiler</b>	
<b>CHAIN, Assortments</b>		<b>CHEMICAL PLANT FOOD, Soilless Culture</b>		Durst Mfg. Co., Inc. ....	642
American Chain & Cable Co., Inc.	124	American Agricultural & Chem-		<b>CLEANERS, Paint</b>	
Cleveland Chain & Mfg. Co. ....	414	ical Co. ....	658	Schalk Chemical Co. ....	368
Hodell Chain Co. ....	604	Jean MacLean (kits) ....	396	Socony-Vacuum Oil Co. ....	540
Smith & Egge Div. ....	530	<b>CHESTS, Medicine</b>		Tamms Silica Co. ....	522
Turner & Seymour Mfg. Co. ....	530	American Enameled Products Co.	616	<b>CLEANERS, Floor, paint &amp; wax re-</b>	
<b>CHAIN, Bead</b>		Columbia Metal Box Co. ....	150	move	
Bead Chain Mfg. Co. ....	222	Miami Cabinet Division ....	324	Schalk Chemical Co. ....	368
International Plumbing Mfg. Co.,		<b>CHESTS, Tool</b>		Socony-Vacuum Oil Co. ....	540
Inc. (lengths with couplings) ..	594	Lufkin Rule Co. ....	586	Tamms Silica Co. ....	522
<b>CHAIN, Cable</b>		Stanley Tools ....	174	<b>CLEANERS, Paint Brush</b>	
Smith & Egge Div. ....	530	<b>CHISEL &amp; PUNCH SETS, Chipped</b>		Brush-Nu Co. ....	480
Turner & Seymour Mfg. Co. ....	530	Ritter-Carlton Co., Inc. ....	566	Schalk Chemical Co. ....	368
<b>CHAIN, Coil</b>		Vichek Tool Company ....	76	Landon P. Smith, Inc. (centrifugal, electric) ..	718
American Chain & Cable Co., Inc.	124	<b>CHISELS, COLD, and PUNCHES</b>		Tamms Silica Co. ....	522
Cleveland Chain & Mfg. Co. ....	414	American Swiss File & Tool Co.	472	<b>CLEANERS, Pot, Metallic Mesh</b>	
Upson-Walton Co. ....	550	Barcalo Mfg. Co. ....	620	Metal Textile Corp. ....	394
<b>CHAIN, Dredge</b>		Bridgeport Hardware Mfg. Co. ....	162	Landon P. Smith, Inc. ....	718
American Chain & Cable Co., Inc.	124	Crescent Tool Company ....	241	Whiting & Davis Co. ....	588
Cleveland Chain & Mfg. Co. ....	414	Goodell-Pratt ....	48	<b>CLEANERS, Sewer, Flexible</b>	
Upson-Walton Co. ....	550	Indestro Mfg. Corp. ....	47	International Plumbing Mfg. Co.,	
<b>CHAIN, Machine</b>		Millers Falls Company ....	48	Inc. ....	594
American Chain & Cable Co. ....	124	Oxford Tool Company ....	504	<b>CLEANERS, Sink, Flexible</b>	
Cleveland Chain & Mfg. Co. ....	414	Ritter-Carlton Co. ....	566	International Plumbing Mfg. Co.,	
<b>CHAIN, Repair Links, See Links, Chain Repair</b>		Stanley Tools ....	174	Inc. ....	594
<b>CHAIN, Sash, Jack, Ladder, Safety</b>		United Wire Goods Mfg. Co., Inc.	504	<b>CLEANERS, Tile Ditch (barn equip-</b>	
American Chain & Cable Co., Inc.	124	Vaughan & Bushnell Mfg. Co. ..	398	ment)	
Cleveland Chain & Mfg. Co. ....	414	Vichek Tool Company ....	76	Iwan Brothers ....	400
Hodell Chain Co. ....	604	<b>CHISELS, Wood, Carpenter's</b>		<b>CLEANERS, Vacuum, Electric</b>	
Smith & Egge Division ....	530	Bridgeport Hardware Mfg. Co. ....	162	General Electric Co. ....	610
Turner & Seymour Mfg. Co. ....	530	Alfred Field & Co., Inc. ....	296	Landers, Frary & Clark Co. ....	148
<b>CHAIN, Universal</b>		Greenlee Tool Co. ....	42	Westinghouse Electric & Mfg.	
Smith & Egge Div. ....	530	Great Neck Saw Mfrs., Inc. ....	652	Co. ....	Back Cover
Turner & Seymour Mfg. Co. ....	530	Ritter-Carlton Co. ....	566	<b>CLEANERS, Window, Spray</b>	
<b>CHAINS, Breast</b>		Sandvik Saw & Tool Corp. ....	453	O'Cedar Corp. ....	135
American Chain & Cable Co., Inc.	124	Stanley Tools ....	174	Socony-Vacuum Oil Co. ....	540
Cleveland Chain & Mfg. Co. ....	414	James Swan Co. ....	352	<b>CLEATS &amp; PULLEYS, Awning</b>	
<b>CHAINS, Butt</b>		Union Hardware Co. ....	552	Wilcox, Crittenden & Co. ....	434
American Chain & Cable Co., Inc.	124	United Wire Goods Mfg. Co., Inc.	504	<b>CLIPPERS, Animal, Electric</b>	
<b>CHAINS, Cow-Ties</b>		Winsted Edge Tool Works ....	488	American Shearer Mfg. Co. ....	82
American Chain & Cable Co., Inc.	124	<b>CHISELS and GOUGES</b>		<b>CLIPPERS, Bolt</b>	
Hodell Chain Co. ....	604	Henry Disston & Sons, Inc. ....	436	H. K. Porter, Inc. ....	538
<b>CHAINS, Dog</b>		Alfred Field & Co., Inc. ....	296	<b>CLIPPERS, Fingernail</b>	
American Chain & Cable Co., Inc.	124	Greenlee Tool Company ....	42	H. C. Cook Co. ....	480
Cleveland Chain & Mfg. Co. ....	414	Sandvik Saw & Tool Corp. ....	453	<b>CLIPPERS, Hair</b>	
Hodell Chain Co. ....	604	James Swan Company ....	352	American Shearer Mfg. Co. ....	82
<b>CHAINS, Door Guard</b>		Union Hardware Co. ....	552	Brown & Sharpe Mfg. Co. ....	428
Phenix Mfg. Co. ....	428	Winston Edge Tool Works ....	488	<b>CLIPPERS, Hedge, See Shears, Hedge</b>	
<b>CHAINS, Halter</b>		<b>CHOPPERS, Food</b>		<b>CLIPPERS, Horse &amp; Cattle, Electric</b>	
American Chain & Cable Co., Inc.	124	New Standard Corp. ....	238	American Shearer Mfg. Co. ....	82
Hodell Chain Co. ....	604	Landers, Frary & Clark Co. ....	148	<b>CLIPS, Fence (for Electric Fence)</b>	
<b>CHAINS, Heel</b>		Sargent & Co. ....	110	Accessories Mfg. Co. ....	640
American Chain & Cable Co., Inc.	124	<b>CHUCKS and ARBORS</b>		Porcelain Products, Inc. ....	640
<b>CHAINS, Log &amp; Towing</b>		Morse Twist Drill & Machine Co.	102	<b>CLIPS, Mirror</b>	
American Chain & Cable Co., Inc.	124	Standard Tool Co. ....	224	E. H. Tate Co. ....	544
Cleveland Chain & Mfg. Co. ....	414	<b>CHUTES, Window, Coal</b>		<b>CLIPS, Push, for Electric Wiring</b>	
<b>CHAINS, Porch Swing and Hammock</b>		Majestic Co. ....	134	Justrite Mfg. Co. ....	356
American Chain & Cable Co., Inc.	124	<b>CIRCULATORS, Fireplace</b>		<b>CLIPS, Wall, See Holders, Broom, Etc.</b>	
<b>CHAINS, Surveyor's</b>		Majestic Co. ....	134	<b>CLIPS, Wire Rope</b>	
Lufkin Rule Co. ....	586	<b>CIRCULATORS, Heat, Electric</b>		Edward W. Daniel Co. ....	302
<b>CHAINS, Tie-Out or Picket</b>		J. L. Skuttle Co. ....	584	Lamson & Sessions Co. ....	548
American Chain & Cable Co., Inc.	124	<b>CLAMP FITTING (for pipe)</b>		Upson-Walton Co. ....	550
Hodell Chain Co. ....	604	Adjustable Clamp Co. ....	348	Wilcox Crittenden & Co. ....	434
<b>CHAINS, Trace</b>		<b>CLAMPS, Bar</b>			
American Chain & Cable Co., Inc.	124	Adjustable Clamp Co. ....	348		
Hodell Chain Co. ....	604	Stearns & Co., E. C. ....	510		
<b>CHAINS, Wheel</b>		<b>CLAMPS, Cable</b>			
Colson Corp. ....	556	Upson-Walton Co. ....	550		

CLOCKS, Alarm	Page	COMPENSATORS, Shotguns	Page	COUNTERS, Nail, Revolving Bias	Page
De Luxe Clock & Mfg. Co., Inc. (spring) .....	620	Lyman Gun Sight Co. ....	570	Wellston Mfg. Co. ....	348
Wm. L. Gilbert Clock Corp. (spring & electric) .....	612				
New Haven Clock Co. ....	326	<b>COMPOUNDS, GLAZING</b>		<b>COUNTERSINK &amp; DRILL (combined)</b>	
Warren Telechron Co. (electric) .....	626	Pecora Paint Co. ....	314	National Twist Drill & Tool Co. ....	42
<b>CLOCKS, Electric</b>		<b>COMPOUNDS, Pipe Joint</b>		<b>COUNTERSINKS</b>	
General Electric Co. ....	610	Burnley Battery & Mfg. Co. ....	464	Goodell-Pratt .....	48
Wm. L. Gilbert Clock Corp. ....	612	Dixon Crucible Co., Joseph .....	460	Millers Falls Co. ....	48
New Haven Clock Co. ....	326			National Twist Drill & Tool Co. ....	102
Warren Telechron Co. ....	626	<b>COMPRESSOR EQUIPMENT, Air, See Air Compressor Equipment</b>		North Bros Mfg. Co. (screw driver and drill company) ....	37
				Stanley Tools .....	174
<b>CLOCKS, Spring Winding</b>		<b>CONES, Sickle</b>		James Swan Co. ....	352
De Luxe Clock & Mfg. Co., Inc. ....	620	Luther Grinder & Tool Co. ....	302	Vaughan & Bushness Mfg. Co. (bit stock) .....	398
Wm. Gilbert Clock Corp. ....	612				
		<b>CONNECTORS, Gas Range</b>		<b>COUPLERS, Trailer, Auto</b>	
<b>CLOCKS, Timer, Cooking</b>		Keystone Brass & Rubber Co. ....	717	Zagelmeyer Auto Camp Co. ....	504
Vischer Products Co. ....	248				
		<b>CONNECTORS, Pole, Window Cleaner's</b>		<b>COUPLINGS, Hose</b>	
<b>CLOSERS, Door</b>		Greenview Mfg. Co. ....	160	Durst Mfg. Co., Inc. ....	642
Independent Lock Co. ....	458			Eclipse Machine Div. (swivel) ..	532
Lockwood Hardware Mfg. Co. ....	332	<b>CONTROL UNITS, for Oil Heaters</b>		Nu Way Coupling Co. (swivel) ..	632
Norton Door Closer Co. ....	426	Automatic Products Co. ....	516	Keystone Brass & Rubber Co. ....	717
Richards-Wilcox Mfg. Co. ....	122				
Yale & Towne Mfg. Co. ....	422	<b>CONTROLLERS, Fence Charging</b>		<b>COVERS, Cistern</b>	
		Electrite Fence Co. ....	492	Majestic Co. ....	134
<b>CLOSERS, Door, Cupboard</b>		Gardner Mfg. Co. ....	574		
Shelby Spring Hinge Co. ....	318	Electro-Line Fence Co. ....	608	<b>COVERS, Radiator</b>	
		Parker-McCrory Mfg. Co. ....	364	Columbia Metal Box Co. ....	150
<b>CLOSERS, Door, Screen</b>		Prime Mfg. Co. ....	220		
Everedy Co. ....	144	Landon P. Smith, Inc. ....	718	<b>COW TIES, See Chains, Cow Ties</b>	
Norton Door Closer Co. ....	426				
Frank Rose Mfg. Co. ....	352	<b>CONTROLS, Cupboard Door</b>		<b>CRACK FILLER, See Fillers, Crack</b>	
Superior Spring Hinge Co. ....	504	Shelby Spring Hinge Co. ....	318		
Yale & Towne Mfg. Co. ....	422			<b>CREEPERS, Ice, See Ice Creepers</b>	
		<b>COOKERS, Pressure</b>		<b>CREOSOTE, Wood Preservative</b>	
<b>CLOSET HARDWARE, See Hardware, Clothes Closet</b>		Vischer Products Co. (sealed sauce-pan model) .....	248	Barrett Co. ....	466
				C.-A. Wood Preserver Co. ....	480
<b>CLOTH, Abrasive</b>		<b>COOKERS, Waterless, pressure</b>			
Armour Sand Paper Works .....	74	Vischer Products Co. ....	248	<b>CRIBS, Corn</b>	
Minnesota Mining & Mfg. Co. ....	628			Keystone Steel & Wire Co. ....	412
		<b>COOLERS, Water, Ice and Electric</b>			
<b>CLOTH, Hardware</b>		Cordley & Hayes .....	468	<b>CRIMPERS, Fuse Cap</b>	
Cyclone Fence Co. ....	410			Ensign-Bickford Co. ....	450
Gilbert & Bennett Mfg. Co. ....	352	<b>COPPERS, Soldering</b>		<b>CRISPERS, Refrigerator</b>	
C. O. Jelliff Mfg. Corp. ....	602	Turner Brass Works .....	318	Harry Alter Co. ....	480
Northwestern Steel & Wire Co. ....	194			<b>CROW REPELLANT</b>	
Reynolds Wire Co. ....	62	<b>CORD, Braided</b>		Cedar Hill Formulae Co. ....	480
Standard Fence Co. ....	410	Geo. B. Carpenter & Co. ....	460		
U. S. Steel Corp. ....	410	Raucher Mfg. Co. ....	652	<b>CRUSHERS, Ice Cube</b>	
Wickwire Bros. ....	85	Silver Lake Co. ....	514	National Die Casting Co. ....	572
Wickwire Spencer Steel Co. ....	470	Samson Cordage Works .....	514		
		Rocky Mount Cord Co. ....	364	<b>CULTIVATORS, Hoe</b>	
<b>CLOTH, Screen, Wire, See Wire Cloth</b>				<b>CULTIVATOR, Weeder, Mulcher, Plow, Combination</b>	
<b>CLOTH, Strainer, See Strainer &amp; Sifter Cloth</b>		<b>CORD, Picture, Wire</b>		Geyer Mfg. Co. ....	186
		E. H. Tate Co. ....	544	C. S. Norcross & Sons .....	326
<b>CLOTHES HORSES, Folding</b>		Wickwire Spencer Steel Co. ....	470		
Moulton Ladder Co. ....	338			<b>CULTIVATORS &amp; SEEDERS</b>	
		<b>CORD, Sash</b>		Geyer Mfg. Co. ....	186
<b>CLOTHES LINES, See Lines, Clothes</b>		Geo. B. Carpenter & Co. ....	460	<b>CULTIVATORS, Garden, Hand</b>	
<b>CLOTHS, Dust</b>		Rocky Mount Cord Co. ....	364	Animal Trap Co. of America ....	392
O'Cedar Corp. ....	135	Samson Cordage Works .....	514	Norcross & Sons, C. S. ....	326
		Silver Lake Co. ....	652	Southington Hardware Co. ....	98
<b>CLUBS, Police</b>				Union Fork & Hoe Co. ....	112
Lignum-Vitae Products Corp. ....	632	<b>CORD, Venetian Blind</b>		<b>CUPBOARD DOOR CONTROLS</b>	
<b>COASTERS &amp; TRAYS, See Trays &amp; Coasters</b>		Geo. B. Carpenter & Co. ....	460	Shelby Spring Hinge Co. ....	318
<b>COATING, Roof, Asphalt, Asbestos, Etc.</b>		Rocky Mount Cord Co. ....	364	<b>CUPS, Caster, Furniture</b>	
Barrett Co. ....	466	Samson Cordage Works .....	514	Faultless Caster Co. ....	275
Philip Carey Co. ....	482			Keystone Brass & Rubber Co. ....	717
		<b>CORDS, Extension</b>		<b>CUPS, Force, See Force Cups</b>	
<b>COCKS, Ball, Compound Lever</b>		General Electric Co. ....	618	<b>CUPS, Vacuum</b>	
International Plumbing Mfg. Co., Inc. ....	594	<b>CORDS, Extension, Electric (for electric mowers, hedge trimmers, etc.)</b>		Keystone Brass & Rubber Co. ....	717
Keystone Brass & Rubber Co. ....	717	Roberton Mfg. Co. ....	300	<b>CUPS, Vibrator, rubber</b>	
				Elastic Tip Co. ....	322
<b>COCKS, Gas Hose</b>		<b>CORDS, Lamp, Heater &amp; Iron</b>		<b>CUPS, Watering, automatic, barn equipment</b>	
International Plumbing Mfg. Co. ....	594	General Electric Co. ....	618	Gardner Mfg. Co. ....	574
<b>COCKS, Gas Range</b>				<b>CURTAINS, Shower</b>	
International Plumbing Mfg. Co., Inc. ....	594	<b>CORN, Seed</b>		Durst Mfg. Co. ....	642
Keystone Brass & Rubber Co. ....	717	Page Seed Co. ....	404		
				<b>CUTLERY, Kitchen</b>	
<b>COFFEE MAKERS, See Makers, Coffee</b>		<b>CORNER IRONS, See Irons, Corner</b>		Alfred Field & Co., Inc. ....	296
<b>COFFEE PERCOLATORS, See Percolators</b>		<b>CORNERS, Metal Siding</b>		Landers, Frary & Clark Co. ....	148
<b>COLLENDER, Fruit &amp; Vegetable</b>		F. D. Kees Mfg. Co. ....	356	Remington Arms Co., Inc. ....	561
McDowell Mfg. Co. ....	480			Russell Harrington Cutlery Co. ....	580
		<b>CORNERS, Metal for Screens</b>		United Wire Goods Mfg. Co. ....	504
<b>COLORS, Oil</b>		Griffin Mfg. Co. ....	396	<b>CUTLERY, Painter's</b>	
Foy Paint Co., Inc. ....	448	F. D. Kees Mfg. Co. ....	356	Bridgeport Hardware Mfg. Co. ....	162
		Parker Wire Goods Co. ....	252	Parker Wire Goods Co. ....	252
<b>COMBS, Curry</b>				Remington Arms Co., Inc. ....	561
Imperial Bit & Snap Co. ....	118	<b>COTTER PINS, See Pins, Cotter</b>		Landon P. Smith, Inc. ....	718
				United Wire Goods Co. ....	504
<b>COMPASSES, Carpenters'</b>		<b>COUNTERBORES</b>		Warner Mfg. Co. ....	372
Winsted Edge Tool Works .....	488	Morse Twist Drill & Machine Co. ....	102		
<b>COMPASSES, Woodsmen's</b>		National Twist Drill & Tool Co. ....	42		
Marble Arms & Mfg. Co. ....	394				



<b>CUTLERY, Pocket</b>	Page	<b>DISHWASHERS, Electric</b>	Page	<b>DRILLS, Hand and Breast</b>	Page
Alfred Field & Co., Inc. ....	296	Westinghouse Electric & Mfg. Co.	(Back Cover)	Goodell-Pratt .....	48
Landers, Frary & Clark Co. ....	148	General Electric Co. ....	610	Millers Falls Co. ....	48
Remington Arms Co., Inc. ....	561			Ritter-Carlton Co., Inc. (hand) ..	566
Schrade Cutlery Co. (push button) .....	504	<b>DISINFECTANTS</b>		Stanley Tools .....	174
Winchester Repeating Arms Co. ....	268	Uncle Sam Chemical Co., Inc. ...	604	Utility Hardware Corp. (hand) ..	292
<b>CUTLERY, Table</b>		<b>DIVIDERS, Carpenters'</b>		<b>DRILLS, Handy Home Sets</b>	
Alfred Field & Co., Inc. ....	296	Goodell-Pratt .....	48	Cleveland Twist Drill Co. ....	130
Remington Arms Co., Inc. ....	561	Lufkin Rule Co. ....	586	Ritter-Carlton Co., Inc. ....	566
Russell Harrington Cutlery Co. ....	590	Millers Falls Co. ....	48		
<b>CUTTER WHEELS, Pipe, See Wheels, Pipe Cutter</b>		Ritter Carlton Co., Inc. ....	566	<b>DRILLS, Masonry</b>	
<b>CUTTERS AND DRESSERS (Grinding Wheel)</b>		Winsted Edge Tool Works .....	488	American Swiss File & Tool Co. ....	472
Southington Hardware Co. ....	98	<b>DOGS, Lathe</b>		Goodell-Pratt .....	48
<b>CUTTERS, Fuse</b>		Adjustable Clamp Co. ....	348	Millers Falls Co. ....	48
Ensign-Bickford Co. ....	450	<b>DOLLIES, Caster, Stove &amp; Refrigerator</b>		Oxford Tool Co. ....	504
<b>CUTTERS, Gauge Glass</b>		Bassick Co. ....	154	Rawplug Co., Inc. ....	444
Landon P. Smith, Inc. ....	718	Faultless Caster Co. ....	275	Ritter-Carlton Co., Inc. ....	566
<b>CUTTERS, Glass</b>		<b>DOLLIES, Scrub Pail</b>		Landon P. Smith, Inc. ....	718
Fletcher, Terry Co. ....	434	Patent Novelty Co. ....	282	Vaughan & Bushnell Mfg. Co. ....	392
Goodell-Pratt .....	48	<b>DOLLIES, Timber</b>		Vichek Tool Co. ....	76
Millers Falls Co. ....	48	American Logging Tool Co. ....	576		
Smith, Inc., Landon, P. ....	718	<b>DOLLS, Stuffed</b>		<b>DRILLS, Plug</b>	
<b>CUTTERS, Glass, Circle</b>		Gund Manufacturing Co. ....	444	Trow & Holden Co. ....	404
Landon P. Smith, Inc. ....	718	<b>DOOR BOTTOMS, Weather Seal</b>		<b>DRILLS, Ratchet</b>	
<b>CUTTERS, Milling</b>		Chamberlain Metal Weatherstrip Co. ....	128	Armstrong Bros. Tool Co. ....	36
Morse Twist Drill & Machine Co. ....	102	W. J. Dennis & Co. ....	146	<b>DRILLS, Star, See Drills, Masonry</b>	
National Twist Drill & Tool Co. ....	42	Wirfs-Boley Corp. ....	404	<b>DRILLS, Twist</b>	
Standard Tool Co. ....	224	<b>DOOR HOLDERS, see HOLDERS, Door</b>		Cleveland Twist Drill Co. ....	130
<b>CUTTERS, Paper</b>		<b>DOOR LOOKOUTS, Apartment</b>		Greenfield Tap & Die Co. ....	46
Arcade Mfg. Co. ....	576	Dooroscope Co. ....	632	Morse Twist Drill & Machine Co. ....	102
<b>CUTTERS, Pipe</b>		<b>DOOR SETS, See Lock, Door Sets</b>		National Twist Drill & Tool Co. ....	42
Armstrong Bros. Tool Co. ....	36	<b>DOORS, Ash Pit</b>		Ritter-Carlton Co. ....	566
Ridge Tool Co. ....	234	Majestic Co. ....	134	Standard Tool Co. ....	224
<b>CUTTERS, Tile</b>		<b>DOORS, Screen</b>		<b>DRILLS, Twist, Jobber Sets</b>	
Landon P. Smith, Inc. ....	718	Continental Screen Co. ....	188	National Twist Drill & Tool Co. ....	42
<b>CUTTERS, Weed</b>		National Screen Co. ....	142	Ritter-Carlton Co., Inc. ....	566
North Wayne Tool Co. ....	376	<b>DOORS, Screen &amp; Sash Combination</b>		<b>DRIVERS, Glasier's Points</b>	
Rixford Mfg. Co. ....	566	Continental Screen Co. ....	188	Landon P. Smith, Inc. ....	718
<b>CUTTERS, Wire &amp; Chain</b>		Phenix Mfg. Co. ....	428	<b>DRIVERS, Post</b>	
H. K. Porter, Inc. ....	538	<b>DRAIN PROTECTORS, Bath, Sinks, Etc.</b>		Mid States Steel & Wire Co. ....	354
<b>DADO CUTTERS</b>		Keystone Brass & Rubber Co. ....	717	<b>DRIVERS, Screw, See Screw Drivers</b>	
Henry Disston & Sons, Inc. ....	436	<b>DRAINERS, Cellar, Suction</b>		<b>DRIVES, Pulley</b>	
<b>DAMPERS, Dome, Fireplace</b>		Keystone Brass & Rubber Co. ....	717	Central Die Casting & Mfg. Co., Inc. ....	646
Majestic Co. ....	134	<b>DRAINERS, Dish</b>		<b>DRYERS, Clothes</b>	
<b>DAMPERS, Stove Pipe</b>		United Wire Goods Mfg. Co., Inc. ....	504	Moulton Ladder Mfg. Co. ....	338
Arcade Mfg. Co. ....	576	<b>DRESSERS, Emery Wheel</b>		<b>DUMBWAITERS</b>	
Stover Mfg. & Engine Co. ....	282	Southington Hardware Co. ....	98	Energy Elevator Co. ....	606
<b>DARBIES, Plasterer's</b>		<b>DRESSING, Belt</b>		<b>DUMBWAITERS, Under Counter</b>	
Mayes Bros. Tool Mfg. Co. ....	280	Dixon Crucible Co., Joseph. ....	460	Energy Elevator Co. ....	606
<b>DECORATIONS, Wall, Tape</b>		<b>DRESSING, Top, Auto</b>		<b>DUMPERS, Ash</b>	
Van Cleef Bros. ....	417	Foy Paint Co. ....	448	Majestic Co. ....	134
<b>DECOYS</b>		R. F. Johnston Paint Co. ....	444	<b>DUSTERS, Ceiling</b>	
Animal Trap Co. of America. ....	392	<b>DRESSINGS, Fishing Line</b>		Illinois Duster & Brush Co. ....	646
<b>DEODORANTS, Bathroom</b>		Triggs, Michael, Co. ....	646	E. H. Tate Co. ....	544
Uncle Sam Chemical Co., Inc. ....	604	<b>DRESSINGS, Fly, Fishing</b>		<b>DUSTERS, Feather</b>	
Zoro Co. ....	566	Triggs, Michael, Co. ....	646	Illinois Duster & Brush Co. ....	646
<b>DEODORANTS</b>		<b>DRESSINGS, Leather, Waterproof</b>		<b>DUSTERS, Floor</b>	
Uncle Sam Chemical Co., Inc. ....	604	Triggs, Michael, Co. ....	646	Illinois Duster & Brush Co. ....	646
<b>DETECTORS, Leak, Refrigerant</b>		<b>DRILL PRESSES, Power</b>		O-Cedar Corp. ....	135
Turner Brass Works. ....	318	Arcade Mfg. Co. ....	576	<b>DUSTERS, Venetian Blind</b>	
<b>DEVICES, Wiring, See Wiring Devices</b>		Atlas Press Co. ....	472	O-Cedar Corp. ....	135
<b>DIES, Pipe Threading</b>		Speedway Mfg. Co. ....	608	<b>DUSTERS, Wool, Floor, Wall, etc.</b>	
Armstrong Bros. Tool Co. ....	36	<b>DRILLS, Automatic, Spiral</b>		Illinois Duster & Brush Co. ....	646
Greenfield Tap & Die Co. ....	46	Goodell-Pratt .....	48	<b>DUSTERS, Yarn</b>	
Henry L. Hanson, Inc. ....	322	Greenlee Tool Co. ....	42	Illinois Duster & Brush Co. ....	646
<b>DIES and STOCKS, See Stocks &amp; Dies</b>		Millers Falls Co. ....	48	<b>DYERS, Cement, Floor</b>	
<b>DIGGERS, Post Hole</b>		North Bros. Mfg. Co. (screw driver & drill) .....	37	Tamms Silica Co. ....	522
Ames, Baldwin, Wyoming Co. ....	212	<b>DRILLS, Bit Stock</b>		<b>EDGERS &amp; GROOVERS, Cementer's</b>	
Iwan Bros. ....	400	Cleveland Twist Drill Co. ....	130	Mayes Bros. Tool Co. ....	280
<b>DISCS, Shuffleboard</b>		Greenlee Tool Co. ....	42	Sands Level & Tool Co. ....	60
Lignum-Vitae Products Corp. ....	632	Morse Twist Drill & Machine Co. ....	102	E. C. Stearns & Co. ....	510
<b>DISHES, Refrigerator</b>		National Twist Drill & Tool Co. ....	42	<b>EDGERS, Lawn</b>	
Henry Alter Co. ....	480	Ritter-Carlton Co., Inc. ....	566	Granite State Mowing Machine Co. ....	322
<b>DISHES, Soap, See Holders, Soap</b>		Standard Tool Co. ....	224	Imperial Bit & Snap Co. ....	118
		Stanley Tools .....	174	<b>EDGING, Shelf</b>	
		<b>DRILLS, Bit Stock, Electrician's, See Bits</b>		Van Cleef Bros. ....	417
		<b>DRILLS, Electric</b>		<b>ELECTRIC FENCE ACCESSORIES</b>	
		Chicago Wheel & Mfg. Co. ....	70	Accessories Mfg. Co. ....	640
		Goodell-Pratt .....	48	Electrite Fence Co. ....	492
		Millers Falls Co. ....	48	Electro-Line Fence Co. ....	608
		Speedway Mfg. Co. ....	608	Parker-McCrory Mfg. Co. ....	364
				Porcelain Products, Inc. ....	640
				Prime Mfg. Co. ....	220
				Landon P. Smith, Inc. ....	718

ELECTRICAL SUPPLIES		Page
Durst Mfg. Co.	642	
<b>ELEVATORS, Freight</b>		
Energy Elevator Co.	606	
<b>ELEVATORS, Residence</b>		
Energy Elevator Co.	606	
<b>ENAMELS, Quick Drying</b>		
Foy Paint Co., Inc.	448	
R. F. Johnston Paint Co.	444	
<b>ENAMELS, Stove Pipe</b>		
Foy Paint Co.	448	
<b>ENCLOSURES, Radiator</b>		
Columbia Metal Box Co.	150	
<b>ENGINES, Internal Combustion</b>		
Lauson Co.	600	
<b>EQUIPMENT, Playground, Gymnasium &amp; Pool</b>		
Arch-Horne Co.	622	
<b>EXTERMINATORS, Ant</b>		
Buckeye Glide Co.	480	
Jean MacLean	396	
Rotenone Products Co., Inc.	570	
Zoro Co. (powder)	566	
<b>EXTERMINATORS, Insect</b>		
Jean MacLean	396	
Uncle Sam Chemical Co., Inc.	604	
Zoro Co.	566	
<b>EXTERMINATORS, Mouse</b>		
G. Anderson Levy	480	
<b>EXTERMINATORS, Rat</b>		
K. R. O. Co.	480	
Jean MacLean	396	
G. Anderson Levy	480	
<b>EXTERMINATORS, Termite</b>		
Elco Mfg. Co.	480	
<b>EXTINGUISHERS, Fire, Hand</b>		
R. E. Dietz Co.	246	
<b>EXTRACTORS, Screw</b>		
Cleveland Twist Drill Co.	130	
Greenfield Tap & Die Corp.	46	
Henry L. Hanson, Inc.	322	
<b>EXTRACTORS, Tap</b>		
Walton Company	632	
<b>EYE BOLTS, See Bolts, Eye</b>		
<b>FABRICS, Coated (Imitation Leather)</b>		
Apex Coated Fabrics Co., Inc.	464	
<b>FAN UNITS, Heat Circulating, Electric</b>		
J. L. Skuttle Co.	584	
<b>FANS, Electric</b>		
General Electric Co.	610	
Victor Electric Products, Inc.	600	
Westinghouse Electric & Mfg. Co.	Back Cover	
<b>FANS, Exhaust</b>		
Victor Electric Products, Inc.	600	
<b>FANS, Ventilating, Electric</b>		
Majestic Co.	134	
J. L. Skuttle Co.	584	
Victor Electric Products, Inc.	600	
<b>FASTENERS, Belt</b>		
Flexible Steel Lacing Co.	420	
Standard Belt Fastener Co.	644	
<b>FASTENERS, Door, Chain</b>		
Phenix Mfg. Co.	428	
<b>FASTENERS, Screen &amp; Sash</b>		
American Cabinet Hardware Co.	199	
Champion Hardware Co.	486	
National Mfg. Co.	88	
Phenix Mfg. Co.	428	
<b>FASTENERS, Wood Joint</b>		
Acme Steel Co. (Corrugated)	216	
Superior Fastener Corp.	632	
<b>FAUCETS</b>		
Durst Mfg. Co.	642	
International Plumbing Mfg. Co., Inc.	594	
Keystone Brass & Rubber Co.	717	
Rockford Brass Works	230	
H. B. Sherman Mfg. Co. (ball bearing)	502	
<b>FAUCETS, Barrel</b>		
Molded Specialties Co.	632	
Sargent & Co.	110	
E. C. Stearns & Co.	510	
<b>FAUCETS, Bath, Combination</b>		
Durst Mfg. Co.	642	
Rockford Brass Works	230	
H. B. Sherman Mfg. Co. (ball bearing)	502	
<b>FAUCETS, Lavatory</b>		
Durst Mfg. Co.	642	
Rockford Brass Works	230	
H. B. Sherman Mfg. Co. (ball bearing)	502	
<b>FAUCETS, Sink Combination</b>		
Durst Mfg. Co., Inc.	642	
International Plumbing Mfg. Co., Inc.	594	
Keystone Brass & Rubber Co.	717	
Rockford Brass Works	230	
H. B. Sherman Mfg. Co. (ball bearing)	502	
<b>FEET, Felt</b>		
R. E. Miller, Inc.	716	
<b>FENCE and GATES, Chain Link</b>		
Cyclone Fence Co.	410	
Pittsburgh Steel Co.	205	
Robertson Steel & Iron Co.	542	
Standard Fence Co.	410	
Stewart Iron Works Co., Inc.	506	
U. S. Steel Co.	410	
Wickwire Spencer Steel Co.	470	
<b>FENCE and GATES, Farm, Lawn, Etc.</b>		
American Steel & Wire Co.	336	
Bethlehem Steel Co.	256	
Columbia Steel Co.	336	
Continental Steel Corp.	284	
Cyclone Fence Co.	410	
Indiana Steel & Wire Co.	402	
Keystone Steel & Wire Co.	412	
Mid States Steel & Wire Co.	354	
Northwestern Steel & Wire Co.	194	
Pittsburgh Steel Co.	205	
Republic Steel Corp.	374	
Robertson Steel & Iron Co.	542	
Standard Fence Co.	410	
Stewart Iron Works Co., Inc.	506	
Tenn. Coal, Iron & R. R. Co.	336	
U. S. Steel Corp.	336, 410	
<b>FENCE and GATES, Industrial</b>		
Robertson Steel & Iron Co.	542	
Stewart Iron Works	506	
<b>FENCE and GATES, Iron</b>		
Cyclone Fence Co.	410	
Standard Fence Co.	410	
Stewart Iron Works Co., Inc.	506	
U. S. Steel Corp.	410	
<b>FENCE and GATES, Wire, Ornamental</b>		
Continental Steel Corp.	284	
Cyclone Fence Co.	410	
Indiana Steel & Wire Co.	402	
Mid States Steel & Wire Co.	342	
Northwestern Steel & Wire Co.	194	
Pittsburgh Steel Co.	205	
Robertson Steel & Iron Co.	542	
Standard Fence Co.	410	
U. S. Steel Corp.	410	
<b>FENCE, Electric, One Wire</b>		
Electrite Fence Co.	492	
Electro-Line Fence Co.	608	
Gardner Mfg. Co.	574	
Parker-McCrory Mfg. Co.	364	
Prime Mfg. Co.	220	
Landon P. Smith, Inc.	718	
<b>FENCE, Fur Farming</b>		
Pittsburgh Steel Co.	205	
<b>FENCE, Poultry</b>		
American Steel & Wire Co.	336	
Columbia Steel Co.	336	
Continental Steel Corp.	284	
Gilbert & Bennett Mfg. Co.	352	
Indiana Steel & Wire Co.	402	
Keystone Steel & Wire Co.	412	
Mid States Steel Wire Co.	354	
Northwestern Steel & Wire Co.	194	
Pittsburgh Steel Co.	205	
Republic Steel Corp.	374	
Tenn. Coal, Iron & R. R. Co.	336	
U. S. Steel Co.	336	
Wickwire Spencer Steel Co.	470	
Wickwire Bros.	85	
G. F. Wright Steel & Wire Co.	293	
<b>FENCE CLIPS (for Electric Fence)</b>		
Accessories Mfg. Co.	640	
Porcelain Products, Inc.	640	
<b>FENCE GATES (for Electric Fence)</b>		
Accessories Mfg. Co.	640	
<b>FENCE TOOLS, See Tools, Fence</b>		
<b>FENCE, Wire</b>		
American Steel & Wire Co.	336	
Bethlehem Steel Co.	256	
Columbia Steel Co.	336	
Continental Steel Corp.	284	
Cyclone Fence Co.	336	
Gilbert & Bennett Mfg. Co.	352	
Indiana Steel & Wire Co.	402	
Keystone Steel & Wire Co.	336	
Rockford Brass Works	230	
U. S. Steel Corp.	336	
Wickwire Spencer Steel Co.	470	
Wickwire Bros.	85	
G. F. Wright Steel & Wire Co.	293	
<b>Keystone Steel &amp; Wire Co.</b>		

FITTINGS, Refrigeration		Page	FITTINGS (Continued)		Page
Durst Mfg. Co. ....		642	Hallin Metal Products Co. ....		176
			Union Fork & Hoe Co. ....		112
<b>FITTINGS, Wire Rope</b>			<b>FORKS, Spading</b>		
Edward W. Daniel Co. ....		302	Ames, Baldwin, Wyoming Co. ....		212
Upson-Walton Co. ....		550	Alfred Field & Co., Inc. ....		296
Wilcox, Crittenden & Co. ....		434	Geyer Mfg. Co. ....		186
			Union Fork & Hoe Co. ....		112
<b>FIXTURES, Bathroom, See Bathroom Fixtures</b>			<b>FOUNTAINS, Poultry</b>		
			Superior Mfg. Co. ....		632
<b>FIXTURES, Fireplace</b>			<b>FRAMES, Climbing, Gymnasium</b>		
Adams Co. ....		658	Arch-Horne Co. ....		622
<b>FIXTURES, Lighting</b>			<b>FRAMES, Coping, Saw</b>		
Frankelite Co. ....		496	Ackermann-Steffan & Co. ....		304
Modern Light & Equipment Co. (fluorescent) ....		632	Parker Wire Goods Co. ....		252
			United Wire Goods Mfg. Co., Inc. ....		504
<b>FIXTURES, Lighting (for Medicine Chests)</b>			Utility Hardware Corp. ....		292
American Enameled Products Co. ....		616	<b>FRAMES, Grindstone</b>		
Columbia Metal Box Co. ....		150	Berea Abrasives ....		454
Frankelite Co. ....		496	<b>FRAMES, Hack Saw</b>		
Miami Cabinet Div. ....		324	Atkins & Co., E. C. ....		94
<b>FIXTURES, Store Display</b>			Buch Mfg. Co. ....		492
Heller & Co., W. C. ....		400	Clemson Brothers, Inc. ....		484
<b>FLARES, Motor Truck</b>			Crescent Tool Co. ....		241
Embury Mfg. Co. ....		462	Henry Disston & Sons, Inc. ....		436
Toledo Pressed Steel Co. ....		296	Goodell-Pratt ....		48
			John H. Graham & Co., Inc. ....		234
<b>FLARES, Roadside, Oil, See Torches, Roadside Oil</b>			Great Neck Saw Mfrs., Inc. ....		652
<b>FLASHING, Lead</b>			Parker Wire Goods Co. ....		252
Alpha Metal & Rolling Mills, Inc. ....		570	Ritter-Carlton Co., Inc. ....		566
Belmont Smelting and Refining Co. ....		632	United Wire Goods Mfg. Co., Inc. ....		504
			L. S. Starrett Co. ....		518
<b>FLASHLIGHTS, Forehead, for Hunters</b>			Ultra Mfg. Co. ....		234
Justrite Mfg. Co. ....		356	Union Hardware Co. ....		552
			Utility Hardware Corp. ....		292
<b>FLASHLIGHTS</b>			<b>FRAMES, Jewelers' Saw</b>		
National Carbon Co., Inc. ....		308	Ackermann-Steffan & Co. ....		304
Winchester Repeating Arms Co. ....		268	<b>FRAMES, Plier, See Plier Frames</b>		
			<b>FRAMES, Saw (Pulp Wood)</b>		
<b>FLOATS, Flush Tank</b>			Sandvik Saw & Tool Corp. ....		453
Detroit Metal Spinning Co. ....		644	<b>FRAMES, Scroll or Fret Saw</b>		
Keystone Brass & Rubber Co. ....		717	Ackermann-Steffan & Co. ....		304
International Plumbing Mfg. Co., Inc. ....		594	<b>FREEZERS, Ice Cream</b>		
			New Standard Corp. ....		238
<b>FLOATS, Plasterer's</b>			<b>FRYERS, Chicken</b>		
E. C. Atkins & Co. ....		94	Everedy Co. ....		144
Mayes Bros. Tool Mfg. Co. ....		280	<b>FUNGICIDES</b>		
Sands Level & Tool Co. ....		60	Jean MacLean ....		396
			<b>FUNNELS, Kitchen</b>		
<b>FLOODLIGHTS, Electric</b>			National Enameling & Stpg. Co. ....		140
R. E. Dietz Co. ....		246	<b>FURNACES, Melting, Non-Ferrous</b>		
F. D. Kees Mfg. Co. ....		356	Rowell Mfg. Co. ....		632
			<b>FURNISHINGS, Household, Rubber</b>		
<b>FLOOR SURFACING MACHINES</b>			Williams-Bowman Rubber Co. ....		588
Lincoln-Schluter Floor Machinery Co., Inc. ....		438	<b>FURNITURE, Camp, See Camp Furniture</b>		
Skilsaw, Inc. ....		310	<b>FUSES, Blasting, Safety</b>		
Landon P. Smith, Inc. ....		718	Ensign-Bickford Co. ....		450
			<b>FUSES, Electric</b>		
<b>FLOOR UNDERLAY MATERIAL</b>			General Electric Co. ....		618
Tammis Silica Co. ....		522	Trico Fuse Mfg. Co. ....		390
			<b>GAGES, See Gauges</b>		
<b>FLUE STOPPERS, Lithographed</b>			<b>GAMES</b>		
J. L. Clark Mfg. Co. ....		508	A. I. Root (mechanical) ....		576
			Stampit Co. (baseball, airplane, electric speller) ....		318
<b>FLUID, Cleaning</b>			Synco Devices Co. (horse racing, marble) ....		226
Uncle Sam Chemical Co. ....		604	<b>GARAGE SETS, Hardware</b>		
			Allith-Prouty, Inc. ....		72
<b>FLUID, Drip, Deodorant</b>			Coburn Trolley Track Co. ....		464
Uncle Sam Chemical Co., Inc. ....		604	Frantz Mfg. Co. ....		448
			Griffin Mfg. Co. ....		396 & 592
<b>FLUID, Lighter</b>			McKinney Mfg. Co. ....		97
Gulf Refining Co. ....		158	National Mfg. Co. ....		88
			Stanley Works ....		350
<b>FLUORESCENT Lighting Fixtures</b>			Western Products, Inc. ....		404
Modern Light & Equipment Co. ....		632	<b>GARBAGE DISPOSAL, Electric</b>		
			General Electric Co. ....		610
<b>FLUX, Soldering, See Soldering Flux</b>			<b>GARDEN TOOLS, See Tools, Garden</b>		
<b>FLUX, Tinning</b>			<b>GATES and FAUCETS</b>		
Ruby Chemical Co. ....		352	Molded Specialties ....		632
			Sargent & Co. ....		110
<b>FLY SPRAY, Household</b>			Stearns & Co., E. C. ....		510
Gulf Refining Co. ....		158	<b>GATES, Farm and Lawn, See Fence &amp; Gates, Farm, Lawn, Etc.</b>		
O'Ceard Corp. ....		135			
Uncle Sam Chemical Co., Inc. ....		604			
<b>FOOD, Plant, See Plant Food</b>					
<b>FOOTBALLS</b>					
Draper-Maynard Co. ....		406			
<b>FORCE CUPS</b>					
Durst Mfg. Co., Inc. ....		642			
Air Force Plunger Co. ....		512			
International Plumbing Mfg. Co., Inc. ....		594			
Keystone Brass & Rubber Co. ....		717			
<b>FORKS, HOES, RAKES, Etc.</b>					
American Fork & Hoe Co. ....		263			
Ames, Baldwin, Wyoming Co. ....		212			
Alfred Field & Co., Inc. (spading fork) ....		296			
Geyer Mfg. Co. ....		186			
</					

GLOVES, household & garden		Page	GRINDERS, Sickle & Tool, Hand		Page	HAMMERS, Nail		Page
Edmont Mfg. Co. (rubber coated fabric) .....		322	Luther Grinder & Tool Co. ....		302	American Fork & Hoe Co. ....		263
Pioneer Rubber Co. (plastic composition) .....		376	<b>GRINDERS, Tool, Hand</b>			Arcade Mfg. Co. ....		576
Wells, Lamont Smith Corp. ....		622	Goodell-Pratt Co. ....		48	Henry Cheney Hammer Co. (nail holding) .....		584
<b>GLOVES, work</b>			Luther Grinder & Tool Co. ....		302	Estwing Mfg. Co. (leather handle) .....		240
Edmont Mfg. Co. (rubber coated fabric) .....		322	Millers Falls Co. ....		48	Heller Brothers .....		260
Pioneer Rubber Co. (plastic composition) .....		376	National Sewing Machine Co. ....		290	Fayette R. Plumb, Inc. ....		50
Wells, Lamont Smith Corp. ....		622	<b>GRINDSTONES</b>			Stanley Tools .....		174
<b>GLUE, Hide</b>			Berea Abrasives .....		454	Vaughan & Bushnell Mfg. Co. ....		398
Franklin Glue Co. ....		612	National Sewing Machine Co. ....		290	<b>HAMMERS, Prospector's</b>		
<b>GLUE, Liquid</b>			Richards-Wilcox Mfg. Co. ....		122	Henry Cheney Hammer Corp. ....		584
Franklin Glue Co. ....		612	<b>GROOVERS &amp; EDGERS, Cement Workers'</b>			<b>HAMMERS, Rawhide</b>		
Le Pages, Inc. ....		441	Sands Level & Tool Co. ....		60	Chicago Rawhide Mfg. Co. ....		640
McCormick Sales Co. ....		388	E. C. Stearns & Co. ....		510	<b>HAMMERS, Rawhide, Replacement Inserts</b>		
Rogers Isinglass & Glue Co. ....		406	<b>GROUTING, Tile</b>			Chicago Rawhide Mfg. Co. ....		640
Stay-Tite Products Co. ....		404	Tamms Silica Co. ....		522	<b>HAMMERS, Ripping</b>		
Tamms Silica Co. (powder, water proof) .....		522	<b>GUARDS, Door (Chain)</b>			Estwing Mfg. Co. ....		240
Testor Cement Co. ....		536	Phenix Mfg. Co. ....		428	Fayette R. Plumb, Inc. ....		50
<b>GLUE, Powdered</b>			<b>GUARDS, Window</b>			Stanley Tools .....		174
Tamms Silica Co. ....		522	Stewart Iron Works Co., Inc. ....		506	<b>HAMMERS, Riveting</b>		
<b>GOALS, Basketball (Playground, Gymnasium)</b>			<b>GUIDES, Hanging Door</b>			Fayette R. Plumb, Inc. ....		50
Arch-Horne Co. ....		622	Coburn Trolley Track Co. ....		464	Vaughan & Bushnell Mfg. Co. ....		398
<b>GOUGES, See Chisels and Gouges</b>			Frantz Mfg. Co. ....		448	<b>HAMMERS, Striking, stone worker's</b>		
<b>GRABS, Log</b>			National Mfg. Co. ....		88	Trow & Holden Co. ....		404
Warren Axe & Tool Co. ....		488	Richards-Wilcox Mfg. Co. ....		122	Warren Tool Corp. ....		92
<b>GRAPHITE, Flake</b>			<b>GUN-CLEANING RODS &amp; ACCESSORIES</b>			<b>HAMMERS, Tack</b>		
Dixon Crucible Co., Joseph. ....		460	Marble Arms & Mfg. Co. ....		394	Gibson Good Tools, Inc. (magnetic) .....		566
<b>GRATES, Fireplace</b>			Union Hardware Co. ....		552	Sargent & Co. ....		110
Majestic Co. ....		134	<b>GUN OIL, Cleaning &amp; Lubricating</b>			Stanley Tools .....		174
<b>GREASE, Cup</b>			Frank A. Hoppe, Inc. ....		570	Vaughan & Bushnell Mfg. Co. (magnetic) .....		398
Dixon Crucible Co., Joseph. ....		460	Marble Arms & Mfg. Co. ....		394	<b>HAMMERS, Tinner's</b>		
<b>GREASE, Fishing Reel</b>			Triggs-Michael Co. ....		646	Henry Cheney Hammer Corp. ....		584
Triggs-Michael Co. ....		646	<b>GUNS, Graphite, lock lubricating</b>			<b>HAMMERS, Tire</b>		
<b>GREASE, Graphite</b>			Dixon Crucible Co., Joseph. ....		460	Bridgeport Hardware Mfg. Corp. ....		162
Dixon Crucible Co., Joseph. ....		460	<b>GUNS, Grease</b>			<b>HANDLES, Adze, Pick &amp; Sledge</b>		
<b>GREASE, Gun</b>			Lincoln Engineering Co. ....		636	Turner, Day & Woolworth Handle Co. ....		644
Frank A. Hoppe, Inc. ....		570	<b>GUNS, Pressure, Caulking &amp; Glazing</b>			<b>HANDLES, Axe</b>		
Lincoln Engineering Co. ....		636	Calbar Paint & Varnish Co. ....		500	Rixford Manufacturing Co. ....		566
Triggs-Michael Co. ....		646	Pecora Paint Co., Inc. ....		314	Turner, Day & Woolworth Handle Co. ....		644
<b>GRILLES, Ornamental</b>			Frank Rose Mfg. Co. ....		352	<b>HANDLES, Cabinet &amp; Cupboard</b>		
Stewart Iron Works. ....		506	Tamms Silica Co. ....		522	American Cabinet Hardware Corp. ....		199
<b>GRILLES, Screen Door</b>			<b>GUNS, Spray, Insecticide, See Sprayers, Insecticide</b>			Geo. F. Collins (glass) .....		622
Everedy Co. ....		144	<b>GUNS, Spray, Metal</b>			Frantz Mfg. Co. ....		448
<b>GRILLS, Charcoal, Camp &amp; Picnic</b>			Turner Brass Works. ....		318	McKinney Mfg. Co. ....		97
Arch-Horne Co. ....		622	<b>GUNS, Spray, Paint</b>			National Manufacturing Co. ....		88
Jacob Halter Sons Co. ....		658	W. R. Brown Corp. ....		334	Pacific Plastic & Mfg. Co. ....		570
<b>GRILLS, Table, Electric</b>			<b>GUTTERS &amp; LEADERS, See Troughs, Eaves &amp; Accessories</b>			<b>HANDLES, Chest</b>		
Landers, Frary & Clark Co. ....		148	<b>GYMNASIUM EQUIPMENT, See Equipment, Playground, etc.</b>			Stanley Works .....		350
General Electric Co. ....		610	<b>GYMNASIUM MATS</b>			<b>HANDLES, Door</b>		
Westinghouse Electric & Mfg. Co. ....		Back Cover	Upson-Walton Co. ....		550	Griffin Mfg. Co. ....		396 & 592
<b>GRINDER, Pencil (drill, polisher, etc.) Electric</b>			<b>HACKSAWS, See Saws, Hack</b>			C. Hager & Son Hinge Mfg. Co. ....		306
Chicago Wheel & Mfg. Co. ....		70	<b>HAMMERS, Ball Pein, machinist's</b>			Richards-Wilcox Mfg. Co. ....		122
Speedway Mfg. Co. ....		608	Bridgeport Hardware Mfg. Co. ....		162	<b>HANDLES, Faucet</b>		
<b>GRINDER TIPS, Drills, Polishing, Etc. (For Pencil Grinders)</b>			Henry Cheney Hammer Corp. ....		584	Durst Mfg. Co. ....		642
Chicago Wheel & Mfg. Co. ....		70	Estwing Mfg. Co. (leather handle) .....		240	Keystone Brass & Rubber Co. ....		717
Speedway Mfg. Co. ....		608	Fayette R. Plumb, Inc. ....		50	<b>HANDLES, File</b>		
<b>GRINDER TIPS, Mounted Assortment</b>			Stanley Tools .....		174	Parker-Kalon Corp. ....		106
Chicago Wheel & Mfg. Co. ....		70	Vaughan & Bushnell Mfg. Co. ....		398	<b>HANDLES, Forks, Hoes, Rakes, etc.</b>		
<b>GRINDER WHEELS, Tip Mounted</b>			Vlcek Tool Co. ....		76	American Fork & Hoe Co. ....		263
Chicago Wheel & Mfg. Co. ....		70	<b>HAMMERS, Bill Poster's, Magnetic</b>			Ames, Baldwin, Wyoming Co. ....		212
Speedway Mfg. Co. ....		608	Vaughan & Bushnell Mfg. Co. ....		398	Union Fork & Hoe Co. ....		112
<b>GRINDERS, Coffee</b>			<b>HAMMERS, Blacksmith, Mason's, Stonecutter's, etc.</b>			<b>HANDLES, Hammer, Hatchet, Etc.</b>		
Arcade Mfg. Co. ....		576	Henry Cheney Hammer Corp. ....		584	Turner Day & Woolworth Handle Co. ....		644
<b>GRINDERS, Cutter &amp; Chisel</b>			Stanley Tools .....		174	<b>HANDLES, Logging Tools</b>		
Stanley Tools .....		174	Trow & Holden Co. ....		404	American Logging Tool Co. ....		576
<b>GRINDERS, Electric</b>			Warren Tool Corp. ....		496	Warren Axe & Tool Co. ....		488
Atlas Press Co. ....		472	<b>HAMMERS, Body Builders</b>			<b>HANDLES, for Pattern Makers, Extension Blade</b>		
Goodell-Pratt .....		48	Henry Cheney Hammer Corp. ....		584	Robert Murphy's Sons Co. ....		608
Luther Grinder & Tool Co. ....		302	<b>HAMMERS, Bricklayers</b>			<b>HANDLES, Peg Awl</b>		
Millers Falls Co. ....		48	Henry Cheney Hammer Corp. ....		584	Stanley Tools .....		174
Speedway Mfg. Co. ....		608	<b>HAMMERS, Electric, Hand</b>			<b>HANDLES, Radiator Valve</b>		
<b>GRINDERS, Food, See Choppers, Food</b>			Goodell-Pratt .....		48	Keystone Brass & Rubber Co. ....		717
<b>GRINDERS, Power</b>			Millers Falls Co. ....		48	<b>HANDLES, Saw, Crosscut</b>		
Arcade Mfg. Co. ....		576	<b>HAMMERS, Engineer's</b>			E. C. Atkins & Co. ....		94
Atlas Press Co. ....		472	Vaughan & Bushnell Mfg. Co. ....		398	<b>HANDLES, Shovel</b>		
Luther Grinder & Tool Co. ....		302	<b>HAMMERS, Farriers</b>			Richards-Wilcox Mfg. Co. ....		122
National Sewing Machine Co. ....		290	Henry Cheney Hammer Corp. ....		584			



	Page		Page		Page
<b>HANDLES, Tool, Metal</b>		<b>HARDWARE, Shade &amp; Awning</b>		<b>HEATERS, Water, electric</b>	
Ritter-Carlton Co., Inc. (chisel & screwdriver) .....	566	Willcox, Crittenden & Co. ....	434	Autonator Laboratories Co. (immersion type) .....	632
Union Hardware Co. ....	552			General Electric Co. ....	610
<b>HANDLES, Tool, Amber</b>		<b>HARDWARE, Screen &amp; Screen Door</b>		Hotstream Heater Co. ....	441
Celluloid Corp. ....	574	Champion Hardware Co. ....	486	Westinghouse Electric & Mfg. Co. ....	Back Cover
<b>HANDSCREWS</b>		Frantz Mfg. Co. ....	448		
Adjustable Clamp Co. ....	348	Griffin Mfg. Co. ....	396 & 592	<b>HEATERS, Water (Gas &amp; liquefied gas)</b>	
<b>HANGERS, Conductor Pipe</b>		C. Hager & Sons Hinge Mfg. Co. ....	306	Hotstream Heater Co. ....	441
Iwan Bros. ....	400	National Mfg. Co. ....	88		
<b>HANGERS, Door (Garage, Fire and Barn)</b>		Phenix Mfg. Co. ....	428	<b>HEATERS, Water, oil</b>	
Allith-Prouty, Inc. ....	72	Stanley Works ....	350	Allen Mfg. Co. ....	286
Coburn Trolley Track Co. ....	464			Hotstream Heater Co. ....	441
Frantz Mfg. Co. ....	448	<b>HARDWARE, Storm Sash</b>		Huenefeld Co. ....	2
McKinney Mfg. Co. ....	97	Frantz Mfg. Co. ....	448	Turner Brass Works ....	318
F. E. Myers & Bro. Co. ....	446	National Mfg. Co. ....	88		
National Mfg. Co. ....	88	Stanley Works ....	350	<b>HEATERS, Woodburning</b>	
Richards-Willcox Mfg. Co. ....	122			Gray & Dudley Co. ....	58
Stanley Works ....	350	<b>HARDWARE, Wrought Iron</b>		Huenefeld Co. ....	2
Western Products, Inc. ....	404	McKinney Mfg. Co. ....	97	Milcor Steel Co. ....	343
<b>HANGERS, Door (Sliding)</b>		Richards-Willcox Mfg. Co. ....	122	Reeves Steel & Mfg. Co. ....	384
Allith-Prouty, Inc. ....	72				
Frantz Mfg. Co. ....	448	<b>HARDWARE CLOTH, See Cloth, Hardware</b>		<b>HEELS, Rubber</b>	
McKinney Mfg. Co. ....	97			Auburn Rubber Corp. ....	167
F. E. Myers & Bro. Co. ....	446	<b>HARNES &amp; SADDLERY HARDWARE, See Hardware, Harness &amp; Saddlery</b>			
National Mfg. Co. ....	88			<b>HELMETS, Football</b>	
Richards-Willcox Mfg. Co. ....	122	<b>HASPS</b>		Draper-Maynard Co. ....	406
Stanley Works ....	350	Frantz Mfg. Co. ....	448	<b>HELMETS, Metal, Boy's</b>	
Western Products, Inc. ....	404	Griffin Mfg. Co. ....	592	Hamlin Metal Products Co. ....	176
<b>HANGERS, Joist</b>		C. A. Hager & Sons Hinge Mfg. Co. ....	306		
Consolidated Iron-Steel Mfg. Co. ....	492	McKinney Mfg. Co. ....	97	<b>HINGES and BUTTS</b>	
Ideal Hanger Co., Div. ....	492	National Mfg. Co. ....	88	American Cabinet Hardware Corp. ....	199
<b>HANGERS, Picture</b>		Stanley Works ....	350	Champion Hardware Co. ....	486
Moore Push Pin Co. ....	388	<b>HASPS, Safety Hinge</b>		Frantz Mfg. Co. ....	448
E. H. Tate Co. ....	544	Frantz Mfg. Co. ....	448	Griffin Mfg. Co. ....	592
<b>HANGERS, Screen &amp; Sash</b>		Griffin Mfg. Co. ....	592	C. A. Hager & Sons Hinge Mfg. Co. ....	306
Champion Hardware Co. ....	486	C. A. Hager & Sons Hinge Mfg. Co. ....	306	McKinney Mfg. Co. ....	97
Frantz Mfg. Co. ....	448	McKinney Mfg. Co. ....	97	National Lock Co. ....	244
C. A. Hager & Sons Hinge Mfg. Co. ....	306	National Mfg. Co. ....	88	National Mfg. Co. ....	88
F. D. Kees Mfg. Co. ....	356	Stanley Works ....	350	Stanley Works ....	350
National Mfg. Co. ....	88			<b>HINGES, Ball Bearing</b>	
Phenix Mfg. Co. ....	428	<b>HATCHETS</b>		Stanley Works ....	350
Stanley Works ....	350	American Fork & Hoe Co. ....	263		
<b>HANGERS, Vacuum Cup</b>		Collins Co. ....	520	<b>HINGES, Cabinet</b>	
Keystone Brass & Rubber Co. ....	717	Estwing Mfg. Co. (leather handle) ....	240	American Cabinet Hardware Corp. ....	199
<b>HARDWARE, Bathroom, See Bathroom Hardware</b>		Fayette R. Plumb, Inc. ....	50	C. A. Hager & Sons Hinge Mfg. Co. ....	306
<b>HARDWARE, Cabinet</b>		Stanley Tools ....	174	McKinney Mfg. Co. ....	97
American Cabinet Hdwe. Corp. ....	199	Vaughan & Bushnell Mfg. Co. ....	398	National Lock Co. ....	244
Champion Hdwe. Co. ....	486	<b>HAWKS, Plasterers'</b>		National Mfg. Co. ....	88
Frantz Mfg. Co. ....	448	Mayes Bros. Tool Mfg. Co. ....	280	Stanley Works ....	350
McKinney Mfg. Co. ....	97	Sands Level & Tool Co. ....	60		
National Mfg. Co. ....	88	<b>HEADS, Dado, See Dado Cutters</b>		<b>HINGES, Cabinet, Semi-Concealed</b>	
Stanley Works ....	350	<b>HEADS, Mop</b>		American Cabinet Hardware Corp. ....	199
<b>HARDWARE, Clothes Closet</b>		E. H. Tate Co. ....	544	Frantz Mfg. Co. ....	448
Champion Hardware Co. ....	486	<b>HEATERS, Cabin Oil</b>		National Lock Co. ....	244
Miller, Inc., R. E. ....	716	Quaker Mfg. Co. ....	498	National Mfg. Co. ....	88
Sargent Co. (hooks) ....	110	<b>HEATERS, Circulating, electric</b>		Stanley Works ....	350
Stanley Works ....	350	Noblitt-Sparks Industries, Inc. ....	132		
E. H. Tate Co. (wardrobe loops, also tie holders) ....	544	<b>HEATERS, Circulating, gas</b>		<b>HINGES, Floor (Double-Acting)</b>	
<b>HARDWARE, Fire Door</b>		Evans Products Co. ....	554	Stanley Works ....	350
Allith-Prouty, Inc. ....	72	<b>HEATERS, Circulating, oil</b>			
Coburn Trolley Track Co. ....	464	Allen Mfg. Co. ....	286	<b>HINGES, Ornamental</b>	

	Page		Page		Page
<b>HODS, Coal</b>		<b>HOOKS, Clothesline</b>		<b>HOSE CLAMPS, See Clamps, Hose</b>	
Milcor Steel Co.....	343	Chas. O. Larson Co.....	656		Page
Reeves Steel & Mfg. Co.....	364	Sargent & Co.....	110	<b>HOSE COUPLINGS, See Couplings, Hose</b>	
<b>HODS, Mortar and Brick</b>		<b>HOOKS, Corn Husking</b>		<b>HOSE MENDERS, Clenching</b>	
Cleveland Wire Spring Co.....	480	F. D. Kees Mfg. Co.....	356	Keystone Brass & Rubber Co... 717	
<b>HOES, Ash Pit</b>		<b>HOOKS, Corn, See Knives &amp; Hooks, Corn</b>		<b>HOSE, Garden</b>	
Farrell Cheek Steel Co.....	434	<b>HOOKS, Cornice</b>		Boston Woven Hose & Rubber Co. .... 379	
<b>HOES, See Forks, Hoes &amp; Rakes</b>		M. S. Brooks & Sons.....	464	Goodyear Tire & Rubber Co.... 312	
<b>HOES, Grubbing</b>		Wickwire Spencer Steel Co.....	420	<b>HOSE, Industrial</b>	
Collins Co. ....	520	<b>HOOKS, Cup and Shoulder</b>		Boston Woven Hose & Rubber Co. .... 379	
Warren Tool Corp.....	92	M. S. Brooks & Sons.....	464	<b>HOUSE NUMBERS &amp; LETTERS</b>	
<b>HOG SUPPLIES</b>		Hindley Mfg. Co.....	390	Parker Products, Inc. (numbers —stainless steel) .... 464	
Superior Mfg. Co. ....	632	Chas. O. Larson Co.....	656	Premax Products Div. (metal) 360	
<b>HOLD-BACKS, Blind</b>		Parker Wire Goods Co.....	252	Sargent & Co. (metal)..... 110	
Stanley Works ....	350	Sargent & Co.....	110	Western Cataphote Corp. (reflecting) .... 457	
<b>HOLDERS, Broom, Tool, Etc.</b>		E. H. Tate Co.....	544	<b>HUMIDIFIERS</b>	
Gibson Good Tools, Inc.....	566	<b>HOOKS, Drapery</b>		Patent Novelty Co..... 282	
Stover Mfg. & Engine Co.....	282	E. H. Tate Co.....	544	J. L. Skuttle Co. (for warm air furnace) .... 584	
<b>HOLDERS, Door, Garage</b>		<b>HOOKS, Fire &amp; Pokers</b>		Steel Products Mfg. Co. (for hot air registers) .... 580	
Griffin Mfg. Co. (Overhead)....	592	Farrell-Cheek Steel Co.....	434	<b>HUSKERS, Corn</b>	
Metalvent Corp. ....	716	<b>HOOKS, Fish</b>		F. D. Kees Mfg. Co..... 356	
Richards-Wilcox Mfg. Co.....	122	Alfred Field & Co., Inc.....	296	<b>HYGROMETERS</b>	
Stanley Works (Overhead)....	350	<b>HOOKS, Gate</b>		American Thermometer Co..... 294	
<b>HOLDERS, Door</b>		M. S. Brooks & Sons.....	464	<b>ICE CREEPERS</b>	
Grand Specialties Co. (lever)....	408	C. A. Hager & Sons Hinge Mfg. Co. .... 306		Churchill Mfg. Co..... 500	
Jay-Way Co. ....	480	Hindley Mfg. Co.....	390	<b>INCINERATORS, Garbage</b>	
Superior Spring Hinge Co. (lever & plunger types)....	504	Chas. O. Larson Co.....	656	Majestic Co. .... 134	
Stanley Works (lever & plunger types) ....	350	Merrill Mfg. Co.....	622	<b>INDICATORS, Dial for Precision Instruments</b>	
<b>HOLDERS, Door, Overhead</b>		National Mfg. Co.....	88	L. S. Starrett Co. .... 518	
Grand Specialties Co.....	408	Parker Wire Goods Co.....	252	<b>INDICATORS, Test</b>	
<b>HOLDERS, for Glass, Vacuum Cup</b>		Sargent & Co.....	110	Lufkin Rule Co..... 586	
Landon P. Smith, Inc.....	718	Wickwire Spencer Steel Co.....	470	<b>INFLATORS, Basket Ball, Football, etc.</b>	
<b>HOLDERS, Knurl</b>		<b>HOOKS, Grass, See Sickles</b>		Draper-Maynard Co. .... 406	
American Swiss File & Tool Co..	472	<b>HOOKS, Hammock</b>		<b>INSECTICIDES</b>	
<b>HOLDERS, Razor Blade</b>		Parker Wire Goods Co.....	252	Barrett Co. (farm & dairy) .... 466	
McGill Metal Products Co.....	453	Sargent & Co.....	110	Gulf Refining Co. (household spray) .... 153	
Landon P. Smith, Inc.....	718	<b>HOOKS, Hat &amp; Coat</b>		Jean MacLean .... 398	
<b>HOLDERS, Sandpaper</b>		Champion Hardware Co.....	486	O-Cedar Corp. (fly & moth spray) 135	
Landon P. Smith, Inc.....	718	Parker Wire Goods Co.....	252	Rotenone Products Co., Inc. (ant) .... 570	
<b>HOLDERS, Soap</b>		Sargent & Co.....	110	C. A. Wood Preserver Co. (Carbolineum) .... 480	
American Enameled Products Co. 616		<b>HOOKS, Hay</b>		Uncle Sam Chemical Co. (sprays, powders) .... 604	
Autoyre Co. ....	168	Sargent & Co.....	110	Zoro Co. (powder & sprays).... 566	
Columbia Metal Box Co.....	150	<b>HOOKS, Hoist, Sling, Etc.</b>		<b>INSULATION, home</b>	
Miami Cabinet Div.....	324	American Chain & Cable Co., Inc. 124		Phillip Carey Co. .... 482	
<b>HOLDERS, Tie</b>		Diamond Calk Horseshoe Co.... 636		<b>INSULATION, Hot Water Tank, Asbestos</b>	
E. H. Tate Co.....	544	Upson-Walton Co. ....	550	Phillip Carey Co. .... 482	
<b>HOLDERS, Toilet Paper</b>		Wilcox, Crittenden & Co.....	434	<b>INSULATORS, Porcelain, Electric Fence</b>	
American Enameled Products Co. 616		<b>HOOKS, Kitchen</b>		Accessories Mfg. Co. .... 640	
Columbia Metal Box Co.....	150	E. H. Tate Co.....	544	Porcelain Products, Inc..... 640	
Miami Cabinet Div.....	324	<b>HOOKS, Manila and Wire Rope (With Thimble)</b>		<b>INVENTORY SHEETS</b>	
<b>HOLDERS, Tumbler</b>		Upson-Walton Co. ....	550	Hardware Age .... 624	
American Enameled Products Co. 616		Wilcox, Crittenden Co.....	434	<b>IRONERS, Electric</b>	
Columbia Metal Box Co.....	150	<b>HOOKS, Pulp, Logging</b>		General Electric Co. .... 610	
Miami Cabinet Div.....	324	Peavey Mfg. Co.....	630	Landers, Frary & Clark..... 148	
<b>HOLDERS, Twine</b>		<b>HOOKS, "S" and "S"</b>		Westinghouse Electric & Mfg. Co. Back Cover	
Arcade Mfg. Co.....	576	M. S. Brooks & Sons.....	464	<b>IRONS, Corner</b>	
Ritter-Carlton Co., Inc.....	566	Merrill Mfg. Co.....	622	Griffin Mfg. Co. .... 592	
<b>HOME WORKSHOP, See Tools, Power, Home Workshop</b>		Parker Wire Goods Co.....	252	National Mfg. Co. .... 88	
<b>HONES, Pocket</b>		<b>HOOKS, Slip, Grab</b>		Sargent & Co. .... 110	
Berea Abrasives ....	454	American Chain & Cable Co., Inc. 124		Stanley Works .... 350	
Carborundum Co. ....	44	Diamond Calk Horseshoe Co.... 636		<b>IRONS, Electric</b>	
<b>HOOKS, Awning</b>		Upson-Walton Co. ....	550	Coleman Lamp & Stove Co..... 152	
Sargent & Co.....	110	Warren Axe & Tool Co.....	488	General Electric Co. .... 610	
<b>HOOKS, Belt Lacing</b>		Wilcox, Crittenden & Co.....	434	Landers, Frary & Clark Co. .... 148	
Armstrong-Bray & Co.....	468	<b>HOOKS, Swamp</b>		Westinghouse Electric & Mfg. Co. (Back Cover)	
<b>HOOKS, Box &amp; Hay</b>		American Logging Tool Co.....	576	<b>IRONS, Gasoline</b>	
Sargent & Co.....	110	<b>HOOKS, Swivel</b>		Coleman Lamp & Stove Co..... 152	
<b>HOOKS, Bush</b>		Wilcox, Crittenden & Co.....	434	Royal Self Heating Iron Co.... 504	
North Wayne Tool Co.....	376	<b>HOOKS, Wall</b>		<b>IRONS, Plane</b>	
Rixford Mfg. Co.....	566	Champion Hardware Co.....	486	Alfred Field & Co., Inc..... 296	
<b>Hooks, Cant</b>		Stover Mfg. & Engine Co.....	282	Sandvik Saw & Tool Corp. .... 453	
American Logging Tool Co.....	576	<b>HORMONES, Root Stimulating</b>		<b>IRONS, Sad, Toy</b>	
Peavey Mfg. Co.....	630	Jean MacLean ....	396	Arcade Mfg. Co. .... 576	
Warren Axe & Tool Co.....	488	<b>HORSES, Clothes, Folding</b>			
<b>HOOKS, Chain</b>		Moulton Ladder Mfg. Co.....	338		
American Chain & Cable Co., Inc. 124		<b>HORSESHOES, See Shoes, Horse, Mule</b>			
American Logging Tool Co.....	576	<b>HORSESHOES, Pitching</b>			
Diamond Calk Horseshoe Co.... 636		Diamond Calk Horseshoe Co.... 636			
Upson-Walton Co. ....	550	Giant Grip Mfg. Co. (steel, rubber) .... 622			
Warren Axe & Tool Co.....	488	<b>HOSE ATTACHMENTS (Faucet)</b>			
Wilcox, Crittenden & Co.....	434	Keystone Brass and Rubber Co.. 717			
<b>HOOKS, Clinker</b>		NuWay Coupling Co.....	632		
Farrell-Cheek Steel Co.....	434				

<b>IRONS, Soldering, See Soldering Irons</b>			
<b>IRONS, Waffle, Electric</b>			
General Electric Co. ....	610		
Landers, Frary & Clark Co. ....	148		
Westinghouse Electric & Mfg. Co. ....	(Back Cover)		
<b>IRRIGATION, Lawn</b>			
Hastings Canvas Co. (Soil Soaker) ....	400		
<b>JACKETS, Insulating, Hot Water Tank</b>			
Philip Carey Co. ....	482		
<b>JACK COMBINATION TOOL</b>			
Templeton-Kenby & Co. ....	588		
<b>JACKS, Lift (platform truck)</b>			
Colson Corp. ....	556		
<b>JACKS, Screw &amp; Lever</b>			
Templeton-Kenby & Co. ....	588		
<b>JARS, Vacuum</b>			
Aladdin Industries, Inc. ....	80		
Landers, Frary & Clark Co. ....	148		
Metal Industries, Inc. ....	404		
<b>JOINTER KNIVES</b>			
Henry Disston & Sons, Inc. ....	436		
<b>JOINERS, &amp; PLANERS, Power</b>			
Power King Tool Corp. ....	360		
<b>JUGS, Picnic (see Jars, Vacuum)</b>			
<b>JUICERS, Fruit</b>			
Landers Frary & Clark ....	148		
National Die Casting Co. ....	572		
<b>JUICERS, Vegetable</b>			
New Standard Corp. ....	238		
<b>JUICERS, Fruit Mixer, Combination</b>			
Landers, Frary & Clark Co. ....	148		
<b>KEY BLANKS</b>			
Graham Mfg. Co. ....	480		
H. Hoffman Co. ....	480		
Independent Lock Co. ....	458		
Yale & Towne Mfg. Co. ....	422		
<b>KEY CHAIN &amp; SCREW DRIVER COMBINATION</b>			
Gibson Good Tools, Inc. ....	566		
<b>KEY-CUTTING MACHINES, See Machines, Key-Cutting</b>			
<b>KEYS, Master, Skeleton</b>			
E. H. Tate Co. ....	544		
<b>KEY RACKS (Wall Type)</b>			
Cushman & Denison Mfg. Co. ....	640		
<b>KILLERS, Insect, Rodent, Etc., See Exterminators</b>			
<b>KILLERS, Weed, Hand, Chemical</b>			
National Specialty Co. ....	238		
<b>KITCHEN CONTAINERS, Lithographed</b>			
National Enameling & Stamping Co. ....	140		
<b>KITS, Auto Tool</b>			
Bridgeport Hardware Mfg. Corp. ....	162		
<b>KITS, Flare Truck</b>			
Embury Mfg. Co. ....	462		
Toledo Pressed Steel Co. ....	296		
<b>KITS, Key, Wrench (for hollow screws)</b>			
Allen Mfg. Co. ....			
<b>KITS, Lunch, See Boxes and Kits, Lunch</b>			
<b>KITS, Mitre Guide &amp; Saw</b>			
Baker-McMillen Co. ....	640		
<b>KITS, Painter's</b>			
Landon P. Smith, Inc. ....	718		
<b>KITS, Toy Making, Blocks</b>			
A. I. Root Co. ....	576		
<b>KNIVES, Asparagus</b>			
Winsted Mfg. Co. ....	488		
<b>KNIVES, Butcher</b>			
Alfred Field Co., Inc. ....	296		
Robert Murphy's Sons Co. ....	608		
Remington Arms Co., Inc. ....	564		
Russell Harrington Cutlery Co. ....	590		
Sandvik Saw & Tool Corp. ....	453		
<b>KNIVES and HOOKS, Corn</b>			
North Wayne Tool Co. ....	376		
Rixford Mfg. Co. ....	566		
Winsted Mfg. Co. ....	488		
<b>KNIVES, Crab Meat</b>			
Robert Murphy's Sons Co. ....	608		
<b>KNIVES, Dandelion</b>			
Winsted Mfg. Co. ....	488		
<b>KNIVES, Drawing</b>			
James Swan Co. ....	352		
Winsted Edge Tool Works. ....	488		
<b>KNIVES, Hay</b>			
Iwan Bros. ....	400		
North Wayne Tool Co. ....	376		
<b>KNIVES, Hotel</b>			
Remington Arms Co., Inc. ....	564		
<b>KNIVES, Household</b>			
Alfred Field & Co., Inc. ....	296		
Landers, Frary & Clark Co. ....	148		
Robert Murphy's Sons Co. ....	608		
Remington Arms Co., Inc. ....	564		
Russell Harrington Cutlery Co. ....	590		
Sandvik Saw & Tool Corp. ....	453		
<b>KNIVES, Industrial</b>			
Robert Murphy's Sons Co. ....	608		
Remington Arms Co., Inc. ....	564		
Sandvik Saw & Tool Corp. ....	453		
<b>KNIVES, Jointer, See Jointer Knives</b>			
<b>KNIVES, Linoleum and Oil Cloth</b>			
Robert Murphy's Sons Co. ....	608		
Landon P. Smith, Inc. ....	718		
<b>KNIVES, Manual Training</b>			
Robert Murphy's Sons Co. ....	608		
<b>KNIVES, Oyster and Clam</b>			
Robert Murphy's Sons Co. (Stainless & Steel) ....	608		
<b>KNIVES, Paperhanger's</b>			
Landon P. Smith, Inc. ....	718		
Remington Arms Co., Inc. ....	564		
<b>KNIVES, Planer, See Planer Knives</b>			
<b>KNIVES, Plaster</b>			
Robert Murphy's Sons Co. ....	608		
<b>KNIVES, Pocket</b>			
Alfred Field & Co., Inc. ....	296		
Landers, Frary & Clark ....	148		
Remington Arms Co., Inc. ....	564		
Schrade Cutlery Co. (Push Button) ....	504		
Winchester Repeating Arms Co. ....	271		
<b>KNIVES, Putty</b>			
Bridgeport Hardware Mfg. Corp. ....	162		
Remington Arms Co., Inc. ....	564		
Parker Wire Goods Co. ....	262		
Landon P. Smith, Inc. ....	718		
United Wire Goods Mfg. Co., Inc. ....	504		
Warner Mfg. Co. ....	372		
<b>KNIVES, Roofing</b>			
Robert Murphy's Sons Co. ....	608		
Landon P. Smith, Inc. ....	718		
<b>KNIVES, Scout</b>			
Marble Arms & Mfg. Co. ....	394		
<b>KNIVES, Shell Fish</b>			
Robert Murphy's Sons Co. (Stainless Steel, one piece) ....	608		
<b>KNIVES, Shoe</b>			
Robert Murphy's Sons Co. ....	608		
Sandvik Saw & Tool Corp. ....	453		
<b>KNIVES, Sloyd</b>			
Robert Murphy's Sons Co. ....	608		
Sandvik Saw & Tool Corp. ....	453		
<b>KNIVES, Wheel, Paperhanger's</b>			
Landon P. Smith, Inc. ....	718		
<b>KNIVES, Wood Carving</b>			
Alfred Field & Co., Inc. ....	296		
Sandvik Saw & Tool Corp. ....	453		
<b>KNIVES, Woodsmen's, Hunting, etc.</b>			
Marble Arms & Mfg. Co. ....	394		
Remington Arms Co., Inc. ....	564		
<b>KNOBBS, Door</b>			
Lockwood Hardware Mfg. Co. ..	332		
<b>KNOBBS, Door (Colored Plastic)</b>			
Lockwood Hardware Mfg. Co. ..	332		
<b>KNOBBS, Drawer and Cabinet</b>			
American Cabinet Hardware Corp. ....	199		
Geo. F. Collins & Co. (Glass) ....	622		
McKinney, Mfg. Co. ....	97		
National Lock Co. ....	244		
Pacific Plastic & Mfg. Co. ....	570		
Value Specialty Co. ....	496		
<b>KNOBBS, Drawer &amp; Cabinet, Plastic</b>			
American Cabinet Hardware Corp. ....	199		
Value Specialty Mfg. Co. ....	496		
<b>KNOBBS &amp; PULLS, Furniture</b>			
American Cabinet Hardware Corp. ....	199		
Bassick Co. ....	154		
Pacific Plastic & Mfg. Co. ....	570		
Geo. F. Collins & Co. (glass) ....	622		
Value Specialty Mfg. Co. ....	496		
<b>KNURLS, Hand and Machine</b>			
American Swiss File & Tool Co. ....	472		
<b>LACES, Boot</b>			
Chicago Rawhide Mfg. Co. ....	658		
<b>LACES, Leather</b>			
Chicago Rawhide Mfg. Co. ....	658		
<b>LACES, Rawhide</b>			
Chicago Rawhide Mfg. Co. ....	658		
<b>LACES, Skate</b>			
Chicago Rawhide Mfg. Co. ....	658		
<b>LACES, Sporting Goods</b>			
Chicago Rawhide Mfg. Co. ....	658		
<b>LACING, Belt</b>			
Armstrong-Bray & Co. (Wire and Steel) ....	488		
Flexible Steel Lacing Co. ....	420		
<b>LACQUERS, Paints, Varnishes, Etc. See Paints, Varnishes, Etc.</b>			
<b>LADDERS, Extension and Single</b>			
Babcock Co., W. W. ....	476		
J. R. Clark Co. ....	64		
A. W. Flint Co. ....	457		
Moulton Ladder Mfg. Co. ....	338		
Putnam & Co., Inc. ....	476		
Rich Ladder & Mfg. Co. ....	254		
<b>LADDERS, Fruit</b>			
W. W. Babcock Co. ....	476		
Moulton Ladder Mfg. Co. ....	338		
Rich Ladder & Mfg. Co. ....	254		
<b>LADDERS, Platform</b>			
W. W. Babcock Co. ....	476		
A. W. Flint Co. ....	457		
Moulton Ladder Mfg. Co. ....	338		
Putnam & Co. ....	476		
Rich Ladder & Mfg. Co. ....	254		
<b>LADDERS, Rolling (for Stores)</b>			
Coburn Trolley Track Co. ....	464		
Putnam & Co., Inc. ....	476		
Richards-Wilcox Mfg. Co. ....	122		
<b>LADDERS, Step</b>			
W. W. Babcock Co. ....	476		
J. R. Clark Co. ....	64		
A. W. Flint Co. ....	457		
Moulton Ladder Mfg. Co. ....	338		
Putnam & Co., Inc. ....	476		
Rich Ladder & Mfg. Co. ....	254		
<b>LADLES, Melting, bottom pour</b>			
Rowell Mfg. Co. ....	632		
<b>LAMP Fixtures, electric</b>			
Frankelite Co. ....	496		
<b>LAMPS and BULBS (Auto)</b>			
National Carbon Co., Inc. ....	308		
<b>LAMPS and BULBS, Electric, Incandescent</b>			
General Electric Co. ....	432		
<b>LAMPS and BULBS (Flashlight)</b>			
National Carbon Co., Inc. ....	308		
<b>LAMPS, Carbide</b>			
Justrite Mfg. Co. ....	356		
<b>LAMPS, Flood, Electric</b>			
R. E. Dietz Co. ....	246		
F. D. Kees Mfg. Co. ....	356		
<b>LAMPS, Gasoline</b>			
Coleman Lamp & Stove Co. ....	152		
Turner Brass Works ....	318		
<b>LAMPS, Headlight, Electric</b>			
Justrite Mfg. Co. ....	356		
<b>LAMPS, Hunting</b>			
Justrite Mfg. Co. ....	356		
<b>LAMPS, Iron, Ornamental</b>			
Stewart Iron Works Co., Inc. ...	506		
<b>LAMPS, Kerosene</b>			
Coleman Lamp & Stove Co. ....	152		
Turner Brass Works ....	318		



LAMPS, Street	Page	LEVELS	Page	LOCKS, Combination	Page
R. E. Dietz Co. (Time Control)...	246	Empire Level Mfg. Co. ....	39	Bemis & Call Co. ....	570
<b>LANTERNS, "8-Day," Kerosene</b>		Goodell-Pratt .....	48	<b>LOCKS, Cylinder</b>	
R. E. Dietz Co. ....	246	Mayes Bros. Tool Mfg. Co. ....	280	Yale & Towne Mfg. Co. ....	422
<b>LANTERNS, Gasoline, Kerosene</b>		Millers Falls Co. ....	48	<b>LOCKS, Door</b>	
Coleman Lamp & Stove Co. (Gasoline) .....	152	Sands Level & Tool Co. ....	60	Eagle Lock Co. ....	580
Dietz Co., R. E. (Kerosene) ....	246	Stanley Tools .....	174	Grand Specialties Co. ....	408
Embury Mfg. Co. (Kerosene) ....	462	<b>LEVELS, Line</b>		Independent Lock Co. ....	458
Miller, Inc., R. E. (Kerosene) ....	716	Empire Level Mfg. Co. ....	39	Lockwood Hardware Mfg. Co. ....	332
Sandvik Saw & Tool Corp. (Kerosene) .....	453	Mayes Bros. Tool Mfg. Co. ....	280	Yale & Towne Mfg. Co. ....	422
Turner Brass Wks. ....	318	Sands Level & Tool Co. ....	60	<b>LOCKS, Keyhole, automatic</b>	
<b>LANTERNS, Hand, Electric</b>		<b>LEVELS, Pocket</b>		Independent Lock Co. ....	458
Justrite Mfg. Co. ....	356	Empire Level Mfg. Co. ....	39	<b>LOCKS, Trunk</b>	
<b>LANTERNS, Highway, Kerosene</b>		<b>LEVERS, Trip, flush tank</b>		Eagle Lock Co. ....	580
R. E. Dietz Co. ....	246	International Plumbing Mfg. Co. Inc. ....	594	Yale & Towne Mfg. Co. ....	422
Embury Mfg. Co. ....	462	<b>LIFTERS, Stove Lid</b>		<b>LOCKSMITH'S SUPPLIES</b>	
<b>LANTERNS, Iron, Ornamental</b>		Arcade Mfg. Co. ....	576	H. Hoffman Co. ....	480
Stewart Iron Works Co., Inc. ....	506	Stover Mfg. & Engine Co. ....	282	<b>LOOKOUTS, Apartment door</b>	
<b>LANTERNS, Wall, Kerosene</b>		<b>LIFTERS, Transom</b>		Dooroscope, Co., Inc. ....	632
R. E. Dietz Co. ....	246	Sargent & Co. ....	110	<b>LOOPS, Wardrobe</b>	
<b>LATCHES, Cabinet</b>		<b>LIFTS, Home Electric</b>		E. H. Tate Co. ....	544
American Cabinet Hardware Corp. ....	199	Energy Elevator Co. ....	606	<b>LUNCH KITS, See Boxes and Kits, Lunch</b>	
Champion Hardware Co. ....	486	<b>LIFTS, Sash</b>		<b>LURES, Fishing</b>	
Frantz Mfg. Co. ....	448	Champion Hardware Co. ....	486	Akron Fishing Tackle Works ...	478
McKinney Mfg. Co. ....	97	National Mfg. Co. ....	88	Day Bait Co. ....	470
National Lock Co. ....	244	<b>LIGHTERS, Fuse, Blasting</b>		Enterprise Mfg. Co. ....	478
National Mfg. Co. ....	88	Ensign-Bickford Co. ....	450	Pfueger Fishing Tackle .....	478
Stanley Works .....	350	<b>LIGHTING fixtures, see fixtures, lighting</b>		American Fork & Hoe Co. ....	263
<b>LATCHES, Door</b>		<b>LIGHTS, Flood, Electric</b>		<b>MACHINES, Boring, Hand</b>	
Eagle Lock Co. ....	580	R. E. Dietz Co. ....	246	Goodell-Pratt .....	48
Grand Specialties Co. ....	408	F. D. Kees Mfg. Co. ....	356	Millers Falls Co. ....	48
Independent Lock Co. ....	458	<b>LINES, Chalk and Mason</b>		James Swan Co. ....	352
National Mfg. Co. ....	88	Rocky Mount Cord Co. ....	364	<b>MACHINES, Floor Sanding, Electric</b>	
Yale & Towne Mfg. Co. ....	422	Samson Cordage Works .....	514	Lincoln-Schlueter Floor Machine Co. ....	438
<b>LATCHES, screen door, plastic trim</b>		Warner Mfg. Co. ....	372	Skilsaw, Inc. ....	310
Independent Lock Co. ....	458	<b>LINES, Clothes</b>		Landon P. Smith, Inc. ....	718
<b>LATHES, Power, Homeworkshop</b>		Geo. B. Carpenter & Co. ....	460	<b>MACHINES, Floor Sanding for Edges &amp; Stairs</b>	
Arcade Mfg. Co. ....	576	Indiana Steel & Wire Co. (Wire) ..	402	Lincoln-Schlueter Floor Machine Co. ....	438
Atlas Press Co. ....	472	Keystone Steel & Wire Co. (Wire) ..	412	Landon P. Smith, Inc. ....	718
<b>LAUNDRY Units (single, double &amp; triple)</b>		Northwestern Steel & Wire Co. (Wire) .....	194	<b>MACHINES, Floor Scrubbing &amp; Polishing</b>	
Reeves Steel & Mfg. Co. ....	384	Rocky Mount Cord Co. ....	364	Lincoln-Schlueter Floor Machine Co. ....	438
<b>LAWN MOWERS, See Mowers, Lawn</b>		Samson Cordage Works .....	514	<b>MACHINES, Key-Cutting</b>	
<b>LEAD, Antimonial</b>		E. H. Tate Co. (Wire) ....	544	Independent Lock Co. ....	458
Belmont Smelting & Refining Works, Inc. ....	632	Upson-Walton Company .....	550	F. W. Stewart Mfg. Corp. ....	622
<b>LEAD, Caulking</b>		Wickwire Bros. (Wire) ....	85	<b>MACHINES, Rowing</b>	
Belmont Smelting & Refining Works, Inc. ....	632	Wickwire Spencer Steel Co. (Wire) .....	470	Arch-Horne Co. ....	622
<b>LEAD, Flashing</b>		<b>LINKS, Chain Repair</b>		<b>MACHINES, Washing, See Washers</b>	
Alpha Metal & Rolling Mills, Inc. ....	570	American Chain & Cable Co., Inc. ....	124	<b>MACHINES, Woodworking, See Tools, Power, Homeworkshop</b>	
Belmont Smelting & Refining Works, Inc. ....	632	Edward W. Daniel Co. ....	302	<b>MAKERS, Coffee</b>	
<b>LEAD, Pigs, Sheets &amp; Strips</b>		Upson-Walton Company .....	550	Silex Co. ....	596
Alpha Metal & Rolling Mills, Inc. ....	570	Wilcox, Crittenden Co. ....	434	<b>MAKERS, Coffee, Electric</b>	
Bemont Smelting & Refining Works, Inc. ....	632	<b>LINKS, Lap</b>		General Electric Co. ....	610
<b>LEAD, Wool</b>		American Chain & Cable Co., Inc. ....	124	Glass Coffee Brewer Corp. ....	434
Belmont Smelting & Refining Works, Inc. ....	632	Wilcox, Crittenden & Co. ....	434	Silex Company .....	596
<b>LEAD HEAD FASTENERS, See Fasteners</b>		<b>LINKS, Chain, Repair, Harness</b>		<b>MALLETS, Coppersmith's</b>	
<b>LEAD HEAD NAILS, See Nails, Lead Head</b>		Imperial Bit & Snap Co. ....	118	Lignum-Vitae Products Corp. ....	632
<b>LEADERS and GUTTERS, See Troughs, Eaves and Accessories</b>		<b>LINKS, Split</b>		<b>MALLETS, Hickory</b>	
<b>LEADS, Dog</b>		Edward W. Daniel Co. ....	302	Lignum-Vitae Products Corp. ....	632
American Chain & Cable Co. ....	124	Upson-Walton Co. ....	550	<b>MALLETS, Lignum-vitae</b>	
Cleveland Chain & Mfg. Co. ....	414	Wilcox, Crittenden & Co. ....	434	Lignum-Vitae Products Corp. ....	632
<b>LEATHER, Cut Soles &amp; Taps</b>		<b>LINSEED OIL</b>		<b>MALLETS, Rawhide</b>	
Wilder & Co. ....	322	Archer, Daniels, Midland Co. ....	232	Chicago Rawhide Mfg. Co. ....	640
<b>LEATHERETTE</b>		<b>LIQUEFIER, Food, electric</b>		<b>MALLETS, Stonecutter's</b>	
Apex Coated Fabrics Co., Inc. ....	464	Landers, Frary & Clark Co. ....	148	Lignum-Vitae Products Corp. ....	632
<b>LEATHERCRAFTER'S KITS, See Kits, Leathercrafter's</b>		<b>LOADING SETS, Shell</b>		<b>MALLETS, Tinner's</b>	
<b>LEATHERS, Pump, See Pump Leathers</b>		Union Hardware Co. ....	552	Lignum-Vitae Products Corp. ....	632
<b>LETTERS, Figures, reflecting</b>		<b>LOCK SETS, Door</b>		<b>MALLETS, Wooden</b>	
Western Cataphote Co. ....	457	Eagle Lock Co. ....	580	Lignum-Vitae Products Corp. ....	632
<b>LETTERS and FIGURES, Embossed, Metal, House, Boat, Etc.</b>		Grand Specialties Co. ....	408	Union Hardware Co. ....	552
Premax Products Div. ....	360	Lockwood Hardware Mfg. Co. ....	332		
Sargent & Co. (metal) ....	110	<b>LOCKS, Anti-Burglar</b>			
		Yale & Towne Mfg. Co. ....	422		
		<b>LOCKS, Cabinet</b>			
		Eagle Lock Co. ....	580		
		Independent Lock Co. ....	458		
		Yale & Towne Mfg. Co. ....	422		

MANDRELS	Page	MITs, Dusting	Page	MOWERS, Lawn, Toy	Page
Morse Twist Drill & Machine Co. 102		O'Cedar Corp. .... 135		Arcade Mfg. Co. .... 576	
MANTLES, Gas, Gasoline & Kerosene		MIXERS, Cement		MUCILAGE	
Lindsay Light & Chemical Co. .... 640		Buch Mfg. Co. .... 492		Le Pages, Inc. .... 441	
MAR & SCRATCH REMOVER (Furniture)		MIXERS, Food (Electric)		MULCHERS, Garden	
General Cement Mfg. Co. .... 322		General Electric Co. .... 610		C. S. Norcross & Sons. .... 326	
MARINE HARDWARE, See Hardware, Marine		Landers, Frary & Clark Co. .... 148		Union Fork & Hoe Co. .... 112	
MASON LINES, See Lines, Chalk and Mason		National Die Casting Co. .... 572		NAIL BINS, See Bins, Nail	
MATS, Asbestos		MIXERS, Food, Liquefying		NAIL SETS, see Sets, Nail	
New Standard Corp. .... 238		Landers, Frary & Clark Co. .... 148		NAILS, Cement Coated	
MATS, Blasting		MIXERS, Paint, Electric, Portable		Wickwire Bros. .... 85	
Upson-Walton Co. .... 550		Landon P. Smith, Inc. .... 718		NAILS, Cobbler	
MATS, Door		MIXERS, Canned Paint, Electric		W. W. Cross & Co., Inc. .... 236	
Acme Steel Co. (Flexible Steel) 216		Horat Universal Sales Co. .... 306		NAILS, Copper & Brass	
Burton Mat Co. (link, perforated rubber & tire fabric) .... 632		Landon P. Smith, Inc. .... 718		W. W. Cross & Co., Inc. .... 236	
Cyclone Fence Co. .... 410		Tamms Silica Co. .... 544		NAILS, Cut	
Durable Mat Co. (Tire Fabric) .... 632		MODEL BUILDING KITS		Alan Wood Steel Co. .... 378	
Phoenix Rubber Co. (rubber link) .... 390		Cleveland Model & Supply Co. .... 528		NAILS, Doublehead (for electric fence)	
Standard Fence Co. .... 410		MOLDS, Printer's, Water Cool		Accessories Mfg. Co. .... 640	
U. S. Steel Co. .... 410		Rowell Mfg. Co. .... 632		Porcelain Products, Inc. .... 640	
MATS, Floor & Utility		MOLE EXTERMINATORS, See Exterminators, Mole		NAILS, Flooring	
Burton Mat Co. .... 632		MOPHEADS		Dickson Weatherproof Nail Co. (lock ring) .... 52	
Cyclone Fence Co. .... 410		E. H. Tate Co. .... 544		Alan Wood Steel Co. (cut) .... 578	
Durable Mat Co. (Tire Fabric) .... 632		MOPS, Dusting		NAILS, Horse & Mule	
Standard Fence Co. .... 410		O'Cedar Corp. .... 135		Capewell Mfg. Co. .... 420	
U. S. Steel Co. .... 410		E. H. Tate Co. .... 544		NAILS, Lead Head	
MATS, Gymnasium		Illinois Duster & Brush Co. .... 646		Deniston Co. .... 330	
Upson-Walton Co. .... 550		MOPS, Dusting, Hand		Dickson Weatherproof Nail Co. .... 52	
MATS, Rubber, Household		Illinois Duster & Brush Co. .... 646		NAILS, Lead Head, Drive Screw	
Durst Mfg. Co. .... 642		O'Cedar Corp. .... 135		Deniston Co. .... 330	
MATTOCKS & PICKS, See Picks & Mattocks		E. H. Tate Co. .... 544		Dickson Weatherproof Nail Co. .... 52	
MAULS & MALLETS, Wooden		MOPS, Floor, Cotton		NAILS, Lead Head, Ring Shank	
Lignum-Vitae Products Corp. .... 632		E. H. Tate Co. .... 544		Dickson Weatherproof Nail Co. .... 52	
MAULS, Hickory		MOPS, Pot Cleaners, Metallic Mesh		NAILS, Masonry	
Lignum-Vitae Products Corp. .... 632		Metal Textile Corp. .... 394		Parker-Kalon Corp. .... 106	
MAULS, Lignum-vitae		Landon P. Smith, Inc. .... 718		NAILS, Numeral, Brass (for Screens)	
Lignum-Vitae Products Corp. .... 632		Whiting & Davis Co. .... 588		Phoenix Mfg. Co. .... 428	
MAULS, Rawhide		MOPSTICKS		NAILS, Roofing	
Chicago Rawhide Mfg. Co. .... 640		Arcade Mfg. Co. .... 576		Deniston Co. .... 330	
MAULS, Woodchopper's		Stover Mfg. & Engine Co. .... 282		Dickson Weatherproof Nail Co. .... 52	
Warren Tool Corp. .... 92		MOTH BALL & PADS		Alan Wood Steel Co. .... 578	
MEASURES, Feed		Zoro Co. .... 566		NAILS, Roofing, Lead Head	
Reeves Steel & Mfg. Co. .... 384		MOTH CAKE HANGERS		Deniston Co. .... 330	
MEDICINE CABINETS, See Cabinets, Medicine		Uncle Sam Chemical Co., Inc. .... 604		Dickson Weatherproof Nail Co. .... 52	
MERCHANDISERS, Rope, See Rope Merchandisers		MOTORS, Boat (Outboard)		NAILS, Rubber Head	
MERCURY		Evinrude Motors .... 442		Elastic Tip Co. .... 322	
Belmont Smelting & Refining Works .... 632		Lauson Co. .... 600		NAILS, Screw Shank, See Screws, Drive	
METALLIC PAINTS		MOTORS, Electric		NAILS, Upholstery	
Foy Paint Co. (aluminum) .... 448		Atlas Press Co. .... 472		R. E. Miller, Inc. .... 716	
R. F. Johnson Paint Co. .... 444		MOTORS, Gasoline		NAILS, Wire	
Sheffield Bronze Powder & Stencil Co. .... 404		Lauson Co. .... 600		Amer. Steel & Wire Co. .... 336	
Van Cleef Bros. .... 417		MOTORS, Gasoline (miniature)		Bethlehem Steel Co. .... 256	
MICROMETERS		Syncro Devices, Inc. .... 226		Columbia Steel Co. .... 336	
Lufkin Rule Co. .... 586		MOULDING, Wood, Carved		Continental Steel Corp. .... 284	
L. S. Starrett Co. .... 518		R. E. Miller, Inc. .... 716		Keystone Steel & Wire Co. .... 412	
MILKING MACHINES		MOUSE EXTERMINATORS, See Exterminators, Mouse		Mid States Steel & Wire Co. .... 354	
DeLaval Separator Co. .... 288		MOVERS, Car		National Screw & Mfg. Co. .... 202	
MILLBOARD, Asbestos		Rowell Mfg. Co. .... 632		Northwestern Steel & Wire Co. .... 194	
Phillip Carey Co. .... 482		MOWERS, Lawn		Republic Steel Corp. .... 374	
MILLS, Coffee		Coldwell Lawn Mower Co. .... 372		Tenn. Coal & Iron Co. .... 336	
Arcade Mfg. Co. .... 576		F. & N. Lawn Mower Co. .... 185		U. S. Steel Co. .... 336	
MILLS, Flour		Granite State Mowing Machine Co. .... 322		Wickwire Bros. .... 85	
Arcade Mfg. Co. .... 576		Samuel P. Townsend Lawn Mower Co. .... 226		Wickwire Spencer Steel Co. .... 470	
MINCERS, See Choppers		MOWERS, Lawn, Gang		NEEDLES, Sewing Machine	
MITRE BOXES		Samuel P. Townsend Lawn Mower Co. .... 226		Brewer Sewing Supplies Co. .... 464	
Baker-McMillen Co. (kits) .... 640		MOWERS, Lawn, Horse Drawn		NEEDLES, Packing, Industrial, Etc.	
Goodell-Pratt Co. .... 48		Samuel P. Townsend Lawn Mower Co. .... 226		John H. Graham & Co., Inc. .... 426	
Millers Falls Co. .... 48		MOWERS, Lawn, Power		NETTING, Fur Farm, See Fence, Fur Farming	
National Specialty .... 238		Coldwell Lawn Mower Co. .... 372		NETTING, Wire Poultry	
Union Hardware Co. .... 552		Evinrude Motors .... 442		American Steel & Wire Co. .... 336	
MITRE KITS		Robertson Mfg. Co. (electric) .... 300		Columbia Steel Co. .... 336	
Baker-McMillen Co. .... 640		E. C. Stearns & Co. .... 510		Continental Steel Corp. .... 284	
		Samuel P. Townsend Lawn Mower Co. .... 226		Gilbert & Bennett Mfg. Co. .... 352	
				Indiana Steel & Wire Co. .... 402	
				Keystone Steel & Wire Co. .... 412	
				Mid States Steel & Wire Co. .... 354	
				Northwestern Steel & Wire Co. .... 194	
				Republic Steel Corp. .... 374	
				Tenn. Coal & Iron Co. .... 336	
				U. S. Steel Co. .... 336	
				Wickwire Bros. .... 85	
				Wickwire Spencer Steel Co. .... 470	
				Wright Steel & Wire Co., G. F. .... 293	

<b>NIPPERS, End, Side &amp; Diagonal Cutting</b>		<b>OILERS, Transparent, Plastic</b>		<b>PAILS</b>	
	Page		Page		Page
Capewell Mfg. Co., (end).....	420	Eagle Mfg. Co. ....	494	Reeves Steel & Mfg. Co.....	384
Crescent Tool Co.....	241			Schlueter Mfg. Co.....	114
Sandvik Saw & Tool Corp.....	453	<b>OILS, Auto Lubricating</b>		Witt Cornice Co.....	218
Wm. Schollhorn Co.....	230	Apex Oil Products Co. ....	192		
Utica Drop Forge & Tool Corp..	78	<b>OILS, Lubricating</b>		<b>PAILS, Garbage</b>	
<b>NIPPERS and PINCERS</b>		Brewer Sewing Supplies Co. ....	464	Reeves Steel & Mfg. Co.....	384
Capewell Mfg. Co.....	420	Dixon Crucible Co., Joseph.....	460	Witt Cornice Co. ....	218
Crescent Tool Co.....	241	Gulf Refining Co.....	158		
Ritter-Carlton Co., Inc.....	566	Hoppe, Inc., Frank A. ....	570	<b>PAILS, Mop Wringer</b>	
Sandvik Saw & Tool Corp.....	453	Marble Arms & Mfg. Co. ....	394	Schlueter Mfg. Co. ....	114
Wm. Schollhorn Co.....	230	Nye, Inc., Wm. F. ....	390		
Utica Drop Forge & Tool Corp..	78	Socony-Vacuum Oil Co. ....	540	<b>PAILS, Sanitary</b>	
Vaughan & Bushnell Mfg. Co.		Triggs-Michael Co. ....	646	Justrite Mfg. Co. ....	356
(end) .....	398				
<b>NIPPLES and SPOKES, Bicycle</b>		<b>OILS, Penetrating</b>		<b>PAINT MIXERS, Electric</b>	
National Screw & Mfg. Co.....	202	Dixon Crucible Co., Joseph ....	460	Horst-Universal Sales Co. ....	306
		Gulf Refining Co. ....	158	Landon P. Smith, Inc.....	718
<b>NOZZLES, Expansion Bath</b>		<b>OILSTONES</b>		Tamms Silica Co.....	522
International Plumbing Mfg. Co.,		Eerea Abrasives .....	454		
Inc. ....	594	Carborundum Co. ....	44	<b>PAINT, Aluminum &amp; Bronze</b>	
Keystone Brass & Rubber Co....	717			Foy Paint Co., Inc. (Aluminum)	448
<b>NOZZLES, Hose</b>		<b>OPENERS, Bottle</b>		Sheffield Bronze Powder & Sten-	
Boston Woven Hose & Rubber Co.	379	Arcade Mfg. Co. ....	576	cil Co. ....	404
Carter Products Corp., (lever		Edlund Company .....	156	Van Cleef Bros. ....	417
spray) .....	464				
Durst Mfg. Co., Inc.....	642	<b>OPENERS, Box &amp; Crate</b>		<b>PAINT, Casein</b>	
Keystone Brass & Rubber Co....	717	Bridgeport Hdwe. Mfg. Corp. ...	162	Tamms Silica Co.....	522
Molded Specialties Co. (pistol		Crescent Tool Co. ....	241		
grip) .....	632	Giant Grip Mfg. Co. ....	622	<b>PAINT, Cement, Stucco, Brick, Etc.</b>	
<b>NOZZLES, Lawn, Fertilizing</b>		<b>OPENERS, Can</b>		Foy Paint Co., Inc.....	448
Molded Specialties Co.....	632	Edlund Company .....	156	R. F. Johnston Paint Co.....	444
		Regina Corp. ....	580	Tamms Silica Co. ....	522
<b>NUMBER, House, See House Numbers</b>		Roberts Novelty Corp. ....	504		
		Steel Products Mfg. Co. ....	580	<b>PAINT, Damp-proofing for Masonry</b>	
<b>NUTCRACKERS</b>		Swing Away Steel Products Co.	580	Barrett Co. ....	466
Arcade Mfg. Co.....	576	Vaughan Novelty Mfg. Co., Inc..	496	Tamms Silica Co. ....	522
<b>NUTS, Cap</b>		<b>OPENERS, Can, Bottle &amp; Corkscrew</b>			
American Screw Co.....	104	Comb.		<b>PAINT, Graphite</b>	
Continental Screw Co.....	346	Vaughan Novelty Mfg. Co. ....	496	R. F. Johnston Paint Co.....	444
Parker-Kalon Corp.....	106				
Pheoll Mfg. Co.....	364	<b>OPENERS, Jar</b>		<b>PAINT, Metallic, See Metallic Paints</b>	
<b>NUTS, Castellated</b>		Auburn Rubber Corp. ....	167		
National Screw & Mfg. Co.....	202	Edlund Company .....	156	<b>PAINT, Plastic, Wall</b>	
Russell, Burdsall & Ward Bolt				Tamms Silica Co. ....	522
& Nut Co.....	316	<b>OUTBOARD MOTORS (Boat)</b>			
Triplex Screw Co.....	534	Evinrude Motors .....	442	<b>PAINT, Pitch Base, Acid Resistant</b>	
<b>NUTS, Hexagon</b>				Barrett Co. ....	466
American Screw Co.....	104	<b>OVENS, Electric</b>			
Clark Bros. Bolt Co.....	484	Landers, Frary & Clark .....	148	<b>PAINT, Pitch Base for Metal &amp; Wood</b>	
Continental Screw Co.....	346			Barrett Co. ....	466
National Screw & Mfg. Co.....	202	<b>OVENS, Portable</b>			
Republic Steel Corp.....	374	Huenefeld Co. ....	2	<b>PAINT, Roof</b>	
Russell, Burdsall & Ward Bolt		Milcor Steel Co. ....	343	Barrett Co. ....	466
& Nut Co.....	316			Philip Carey Co. ....	482
Triplex Screw Co.....	534	<b>OVENS, Surface</b>		Foy Paint Co., Inc.....	448
<b>NUTS, Knurled</b>		Ade-O-Matic Co. ....	658	R. F. Johnston Paint Co.....	444
Pheoll Mfg. Co.....	364	<b>PACKING, Sheet, Rubber</b>			
<b>NUTS, Lock</b>		Durst Mfg. Co.....	642	<b>PAINT, Screen</b>	
Russell, Burdsall & Ward Bolt		<b>PACKINGS &amp; PUMP LEATHERS</b>		Foy Paint Co., Inc.....	448
& Nut Co.....	316	Simplex Mfg. Co.....	420		
<b>NUTS, Thumb &amp; Wing</b>		<b>PACKINGS, Asbestos</b>		<b>PAINT, Tree</b>	
American Screw Co.....	104	Philip Carey Co.....	482	Bartlett Mfg. Co. ....	500
Clark Bros. Bolt Co.....	484	<b>PACKINGS, Asbestos, Sheet</b>			
Continental Screw Co.....	346	Philip Carey Co.....	482	<b>PAINT, Water</b>	
Parker-Kalon Corp.....	106	<b>PACKINGS, Jute</b>		Tamms Silica Co. ....	522
Pheoll Mfg. Co.....	364	American Mfg. Co.....	490		
<b>OAKUM</b>		<b>PACKS, Gun Cleaning</b>		<b>PAINTS, VARNISHES, Etc.</b>	
American Mfg. Co.....	490	Frank A. Hoppe, Inc.....	570	Foy Paint Co., Inc.....	448
Geo. B. Carpenter & Co. ....	460	<b>PADDLES, Canoe</b>		R. F. Johnston Paint Co.....	444
Upson-Walton Co.....	550	Upson-Walton Co.....	550	Lead Industries Asso. ....	328
<b>OARS, Boat</b>		<b>PADDLES, Plasterer's</b>		<b>PANS, Baking</b>	
Upson-Walton Co. ....	550	Mayes Bros. Tool Mfg. Co.....	280	Schlueter Mfg. Co. ....	114
<b>OIL, Fishing Reel</b>		Sands Level & Tool Co.....	60		
Triggs-Michael Co. ....	646	<b>PADLOCKS</b>		<b>PANS, Dust</b>	
<b>OIL, Gun-Cleaning &amp; Lubricating</b>		Bemis & Call Co. (Keyless) ....	570	National Enameling & Stpg. Co.	
Frank A. Hoppe, Inc.....	570	Chicago Lock Co. ....	120	(long handled) .....	140
Marble Arms & Mfg. Co.....	394	Eagle Lock Co. ....	580	Patent Novelty Co.....	282
Triggs-Michael Co.....	646	Independent Lock Co. ....	458	Owens-Illinois Can Co.....	190
<b>OIL, Linseed (Packaged)</b>		Waterbury Lock & Mfg. Co.....	286		
Archer, Daniels, Midland Co. ....	232	Yale & Towne Mfg. Co.....	422	<b>PANS, Frying</b>	
<b>OIL, Sun Tan</b>		<b>PADLOCKS, Combination</b>		Schlueter Mfg. Co. ....	114
Triggs-Michael Co. ....	646	Bemis & Call Co.....	570		
<b>OIL CANS, See Cans, Oil</b>		<b>PADS (For Stove &amp; Refrigerator Top</b>		<b>PANS, Mortar</b>	
<b>OILERS, Flexible Spout</b>		Protection)		Buch Mfg. Co. ....	492
Eagle Mfg. Co. ....	494	Ballonoff Metal Products Co.....	182		
<b>OILERS, Force Feed</b>		<b>PADS, Foot, Rubber</b>		<b>PAPER, Asbestos</b>	
Eagle Mfg. Co. ....	494	Colson Corp. ....	556	Philip Carey Co. ....	482
Gustave Lidseen, Inc.....	628	<b>PADS, Mop</b>			
<b>OILERS, Hydraulic Pump</b>		O-Cedar Corp. ....	135	<b>PAPERS, Building</b>	
Eagle Mfg. Co. ....	494	<b>PADS, Moth</b>		Barrett Co. ....	466
Gustave Lidseen, Inc.....	628	Zoro Co. ....	566		
<b>OILERS, See Cans, Oil</b>		<b>PADS, Shoulder, Football</b>		<b>PARA CRYSTALS</b>	
		Draper-Maynard Co. ....	406	Uncle Sam Chemical Co., Inc....	604
				Zoro Co. ....	566

<b>PASTE, Soldering, see Soldering Paste</b>	<b>Page</b>	<b>PLANERS &amp; JOINTERS, Power</b>	<b>Page</b>	<b>PLIERS, Side Cutting</b>	<b>Page</b>
<b>PATCHES, Gun Cleaning</b>		Power King Tool Corp.....	360	Crescent Tool Co. ....	241
Hoppe, Inc., Frank A.....	570	<b>PLANES</b>		Diamond Calk Horseshoe Co. ....	636
<b>PEAVIES</b>		Capewell Mfg. Co.....	658	Mathias Klein & Sons.....	618
American Logging Tool Co.....	576	Goodell-Pratt .....	48	Ritter-Carlton Co., Inc. ....	566
Peavey Mfg. Co. ....	630	Millers Falls Co.....	48	Sandvik Saw & Tool Corp. ....	453
Warren Axe & Tool Co.....	488	Sargent & Co.....	110	Wm. Schollhorn Co. ....	230
<b>PENCILS, Stock Marking, Cellophane</b>		Stanley Tools .....	174	Utica Drop Forge & Tool Corp. ....	78
Blaisdell Pencil Co. ....	520	<b>PLANKS, Truss, Scaffolding</b>		<b>PLIERS, Slip Joint</b>	
<b>PERCOLATORS</b>		Rich Ladder & Mfg. Co.....	254	Barcalo Mfg. Co. ....	620
Landers, Frary & Clark.....	148	<b>PLANT FOOD, Liquid, Chemical</b>		Bridgeport Hardware Mfg. Corp. ....	162
<b>PERCOLATORS, Electric</b>		American Agricultural Chemical		Crescent Tool Co. ....	241
Landers, Frary & Clark.....	148	Co. ....	656	Diamond Calk Horseshoe Co. ....	636
<b>PERFUME, Fly Spray</b>		Jean MacLean .....	396	Ritter-Carlton Co., Inc. ....	566
Uncle Sam Chemical Co., Inc....	604	<b>PLANT FOOD, Tablets</b>		Utica Drop Forge & Tool Corp. ....	78
<b>PERFUMER, Room Deodorant</b>		Jean MacLean .....	396	Vlchek Tool Co. ....	76
Zoro Co. ....	566	<b>PLASTER, Patching</b>		<b>PLIERS, Terminal Kits</b>	
<b>PICKEROONS, Peavey Handled</b>		Pecora Paint Co.....	314	<b>PLIERS, Water Pump (Automotive)</b>	
Peavey Mfg. Co.....	630	<b>PLATES, Boiler, Zinc</b>		Vlchek Tool Co. ....	76
<b>PICKS, Ice</b>		Belmont Smelting & Refining		<b>PLIERS &amp; STAPLE PULLERS, Fence</b>	
Crescent Tool Co.....	241	Wks., Inc. ....	632	Crescent Tool Co. ....	241
Southington Hardware Co.....	98	<b>PLATES, Floor &amp; Ceiling</b>		Diamond Calk Horseshoe Co. ....	636
Stanley Tools .....	174	International Plumbing Mfg.		Utica Drop Forge & Tool Corp. ....	78
<b>PICKS &amp; MATTOCKS</b>		Co., Inc. ....	594	<b>PLOWS, Snow, Hand</b>	
Collins Co. ....	520	Keystone Brass & Rubber Co..	717	Hamlin Metal Products Co. ....	176
Diamond Calk Horseshoe Co.....	636	<b>PLATES, Heating, Floor &amp; Ceiling</b>		<b>PLUGS, Boiler Repair, Self Tapping</b>	
Warren Tool Corp.....	92	Durst Mfg. Co.....	642	International Plumbing Mfg. Co.,	
Warwood Tool Co.....	496	<b>PLATES, Kick, Door</b>		Inc. ....	594
<b>PILOT LIGHTERS, Gas</b>		Peerless Bronze & Aluminum Co. ....	504	Parker-Kalon Corp. ....	106
Keystone Brass & Rubber Co. ....	717	<b>PLATES, Letter Box</b>		<b>PLUGS, Expansion, See Bolts, Expansion</b>	
<b>PINCERS &amp; NIPPERS, See Nippers &amp; Pincers</b>		Champion Hardware Co.....	486	<b>PLUGS, Fuse</b>	
<b>PINS, Cotter</b>		Sargent & Co.....	110	General Electric Co. ....	618
Hindley Mfg. Co.....	390	<b>PLATES, Mending &amp; "T"</b>		Trico Fuse Co. ....	390
Lamson & Sessions Co.....	548	National Mfg. Co.....	88	<b>PLUGS &amp; TAPS, Electric</b>	
National Screw & Mfg. Co.....	202	Stanley Works .....	350	General Electric Co. ....	618
Western Wire Products Co.		<b>PLATES, Pie</b>		<b>PLUGS, Sink, Removable Strainer</b>	
(packaged) .....	390	Schlueter Mfg. Co.....	114	International Plumbing Mfg. Co.,	
<b>PINS, Escutcheon</b>		<b>PLATES, Push, Door</b>		Inc. ....	594
American Screw Co.....	104	National Mfg. Co.....	88	<b>PLUGS, Sink, Bath, Basin, Etc., See Stoppers, Sink, Bath, etc.</b>	
W. W. Cross & Co., Inc.....	236	Peerless Bronze & Aluminum Co. ....	504	<b>PLUMBING SUPPLIES</b>	
<b>PINS, Push</b>		<b>PLATES, Screw, See Screw Plates</b>		Durst Mfg. Co., Inc. ....	642
Moore Push Pin Co.....	388	<b>PLATFORMS, Window Washing</b>		International Plumbing Mfg. Co.,	
<b>PINS, Taper</b>		Little Giant Window Bracket Co. ....	632	Inc. ....	594
Morse Twist Drill & Machine Co. ....	102	Pal-Mos Mfg. Co.....	640	Keystone Brass & Rubber Co. ....	717
<b>PINS, Tidy</b>		Sil Seat Mfg. Co., Inc.....	622	Paine Co. ....	224
E. H. Tate Co.....	544	<b>PLAYGROUND EQUIPMENT, See Equipment, Playground</b>		Rockford Brass Works.....	230
<b>PIPE FITTINGS, See Fittings, Pipe</b>		<b>PLIERS, Assortments</b>		Williams-Bowman Rubber Co. ....	588
<b>PIPE &amp; ELBOW, Furnace</b>		Barcalo Mfg. Co.....	620	<b>POCKET KNIVES, See Knives, Pocket</b>	
Reeves Steel & Mfg. Co.....	384	<b>PLIERS</b>		<b>POINTS, Glazier's</b>	
Milcor Steel Co.....	343	Barcalo Mfg. Co.....	620	W. W. Cross & Co., Inc. ....	236
<b>PIPE &amp; ELBOWS, Stove</b>		Bridgeport Hdw. Mfg. Corp.....	162	Landon P. Smith, Inc. ....	718
Huenefeld Co. ....	2	Crescent Tool Co. ....	241	<b>POKERS, Furnace</b>	
Milcor Steel Co.....	343	Diamond Calk Horseshoe Co. ....	636	Farrell Cheek Steel Co. ....	434
Reeves Steel & Mfg. Co.....	384	Mathias Klein & Sons.....	618	<b>POKERS, Stove</b>	
<b>PIPES &amp; ELBOWS, Stove, Chrome, Nickel &amp; Aluminum</b>		Ritter-Carlton Co. ....	566	Arcade Mfg. Co.....	576
Ballonoff Metal Products Co.....	182	Sandvik Saw & Tool Corp.....	453	Stover Mfg. & Engine Co. ....	282
<b>PIPE, Conductor</b>		Wm. Schollhorn Co. ....	230	<b>POKES, Cattle</b>	
Mid States Steel & Wire Co.....	354	Landon P. Smith, Inc. (For		Frank Rose Mfg. Co. ....	352
Milcor Steel Co.....	343	Glass) .....	718	<b>POLES, Jointed, Window Cleaner's</b>	
<b>PIPE, Copper-Steel</b>		Utica Drop Forge & Tool Corp..	78	Greenview Mfg. Co. ....	160
Republic Steel Corp.....	374	Vlchek Tool Co.....	76	<b>POLES, Pick, Logging</b>	
<b>PIPE, Iron</b>		<b>PLIERS, Battery</b>		Peavey Mfg. Co. ....	630
Republic Steel Corp.....	374	Vlchek Tool Co.....	76	<b>POLES, Pike</b>	
<b>PIPE, Lead</b>		<b>PLIERS, Cutting</b>		American Logging Tool Co. ....	576
Alpha Metal & Rolling Mills, Inc. ....	570	Barcalo Mfg. Co. ....	620	<b>POLISHERS &amp; SANDERS, Electric, Hand</b>	
Belmont Smelting & Refining		Crescent Tool Co. ....	241	Goodell-Pratt Co. ....	48
Works, Inc. ....	636	Diamond Calk Horseshoe Co. ....	636	Millers Falls Co. ....	48
<b>PIPE, Steel</b>		Mathias Klein & Sons.....	618	<b>POLISHERS &amp; SCRUBBERS, Floor, Electric</b>	
Republic Steel Corp.....	374	Ritter-Carlton Co., Inc. ....	566	Lincoln-Schleuter Floor Machine	
<b>PIPE, Tin</b>		Sandvik Saw & Tool Corp. ....	453	Co. ....	438
Alpha Metal & Rolling Mills, Inc. ....	570	Wm. Schollhorn Co. ....	230	<b>POLISHES, Auto</b>	
Belmont Smelting & Refining		Utica Drop Forge & Tool Corp. ....	78	Gulf Refining Co. ....	158
Works, Inc. ....	632	<b>PLIERS, End &amp; Diagonal Side Cutting</b>		O'Cedar Corp. ....	135
<b>PIPE JOINT COMPOUND, See Compound Pipe Joint</b>		See Nippers		<b>POLISHES, Floor</b>	
<b>PITCH, Roofing Compound</b>		<b>PLIERS, Glazier's</b>		Foy Paint Co., Inc. ....	448
Philip Carey Co.....	482	Landon P. Smith, Inc. ....		Gulf Refining Co. ....	158
		<b>PLIERS, Linemen's</b>		R. F. Johnston Paint Co. ....	444
		Crescent Tool Co. ....	241	Minnesota Mining & Mfg. Co. ....	135
		Mathias Klein & Sons.....	618	O-Cedar Corp., (wax).....	540
		Ritter-Carlton Co., Inc. ....	566	Socony-Vacuum Oil Co. ....	604
		Sandvik Saw & Tool Corp. ....	453	Uncle Sam Chemical Co., Inc. ....	522
		Utica Drop Forge & Tool Corp. ....	78	Tamms Silica Co. (in colors)....	522



<b>POLISHES, Furniture</b>		Page
Foy Paint Co., Inc.	448	
Gulf Refining Co.	158	
R. F. Johnston Paint Co.	444	
Minnesota Mining & Mfg. Co.	628	
O-Cedar Corp., (cream)	135	
Uncle Sam Chemical Co., Inc.	604	
<b>POLISHES, Metal</b>		Page
Foy Paint Co., Inc.	448	
Uncle Sam Chemical Co., Inc.	604	
<b>POLISHES, No-Rubbing</b>		Page
Donald Durham Co.	504	
O-Cedar Corp.	135	
Socony-Vacuum Oil Co.	540	
Tamms Silica Co. (in colors)	522	
Uncle Sam Chemical Co.	604	
<b>POLISHES, Wax</b>		Page
Donald Durham Co.	504	
Foy Paint Co., Inc.	448	
Gulf Refining Co.	158	
R. F. Johnston Paint Co.	444	
Minnesota Mining & Mfg. Co.	628	
O-Cedar Corp.	135	
Socony-Vacuum Oil Co.	540	
Uncle Sam Chemical Co., Inc.	604	
<b>POOL EQUIPMENT, See Equipment, Playground, etc.</b>		
<b>POPPERS, Corn</b>		Page
O. S. Keene Machine Co. (rotary)	480	
<b>POSTS, Fence, Steel and Iron</b>		Page
American Steel & Wire Co.	336	
Bethlehem Steel Co.	256	
Columbia Steel Co.	336	
Continental Steel Corp.	284	
Indiana Steel & Wire Co.	402	
Keystone Steel & Wire Co.	412	
Mid-States Steel & Wire Co.	354	
Milcor Steel Co.	343	
Northwestern Steel & Wire Co.	194	
Republic Steel Corp.	374	
Robertson Steel & Iron Co.	542	
Tenn. Coal & Iron Co.	336	
U. S. Steel Corp.	336	
<b>POT CLEANERS, Metallic</b>		Page
Metal Textile Co.	394	
Landon P. Smith, Inc.	718	
Whitting & Davis Co.	588	
<b>POTS, Melting</b>		Page
Otto Bernz Co.	508	
Turner Brass Works	318	
<b>POULTRY SUPPLIES</b>		Page
Superior Mfg. Co.	540	
<b>POWDERS, Copper, Iron, Lead, Zinc, Aluminum and Tin</b>		Page
Belmont Smelting & Refining Works, Inc.	632	
<b>POWDERS, Flea, Roach, Etc., See Exterminators</b>		
<b>PRESERVATIVE, Wood</b>		Page
Barrett Co.	466	
C. A. Wood Preservative Co.	480	
<b>PRESSES, Fruit &amp; Vegetable (household)</b>		Page
McDowell Mfg. Co.	480	
<b>PRESSES, Drill, See Drill Presses</b>		
<b>PRESSES, Seal</b>		Page
Wm. Schollhorn Co.	230	
<b>PROTECTION PADS (for Stove &amp; Refrigerator Tops)</b>		Page
Ballonoff Metal Products Co.	182	
<b>PROTRACTORS</b>		Page
Goodell-Pratt Co.	48	
Millers Falls Co.	48	
L. S. Starrett & Co.	518	
<b>PRUNERS, Shears, See Shears, Pruning</b>		
<b>PRUNERS, Tree</b>		Page
Bartlett Mfg. Co.	500	
Porter, Inc. H. K.	538	
Smith & Son, Inc., Seymour	516	
<b>PRUNING COMPOUND</b>		Page
Bartlett Mfg. Co.	500	
<b>PRUNING TOOLS, See Saws, Pruning, Shears, Lopping, or Shears, Pruning</b>		
<b>PULLERS, Nail</b>		Page
Bridgeport Hardware Mfg. Corp.	162	
Crescent Tool Co.	241	
Union Hardware Co.	552	
<b>PULLERS, Staple</b>		Page
Giant Grip Mfg. Co.	622	
<b>PULLERS, Staple (Fence Pliers)</b>		Page
Crescent Tool Co.	241	
Diamond Calk Horseshoe Co.	636	
Utica Drop Forge & Tool Corp.	78	
<b>PULLERS, Tack</b>		Page
Goodell-Pratt Co.	48	
Millers Falls Co.	48	
<b>PULLERS, Weed</b>		Page
C. S. Norcross & Sons Co.	326	
<b>PULLERS, Wheel</b>		Page
Armstrong-Bray & Co.	468	
<b>PULLEY DRIVES</b>		Page
Central Die Casting & Mfg. Co.	646	
<b>PULLEYS</b>		Page
Sargent & Co.	110	
Stanley Works	350	
Stover Mfg. & Engine Co.	282	
Wilcox, Crittenden & Co.	434	
<b>PULLEYS, Clothesline</b>		Page
Stanley Works	350	
Stover Mfg. & Engine Co.	282	
<b>PULLEYS, Sash</b>		Page
Cleveland Lock Works	492	
Consolidated Iron-Steel Mfg. Co.	492	
Stanley Works	350	
Stover Mfg. & Engine Co.	282	
<b>PULLEYS and CLEATS, Awning</b>		Page
Stover Mfg. & Engine Co.	282	
Wilcox, Crittenden & Co.	434	
<b>PULLS, Drawer, Door &amp; Cabinet</b>		Page
American Cabinet Hdwe. Corp.	199	
Champion Hardware Co.	486	
Geo. F. Collins & Co. (glass)	622	
Frantz Mfg. Co.	448	
Griffin Mfg. Co.	592	
McKinney Mfg. Co.	97	
National Lock Co.	244	
National Mfg. Co.	88	
Pacific Plastic & Mfg. Co.	570	
Value Specialty Mfg. Co.	496	
<b>PULLS and KNOBS, Furniture</b>		Page
American Cabinet Hdwe. Corp.	199	
Bassick Co.	154	
Geo. F. Collins & Co. (glass)	622	
National Lock Co.	244	
Pacific Plastic & Mfg. Co.	570	
Value Specialty Mfg. Co.	496	
<b>PULVERIZERS, Land</b>		Page
Buch Mfg. Co.	492	
<b>PUMP LEATHERS</b>		Page
Simplex Mfg. Co.	420	
<b>PUMPS, Drain</b>		Page
Air Force Plunger Co.	512	
<b>PUMPS, Hand</b>		Page
F. E. Myers & Brother Co.	446	
<b>PUMPS, Power</b>		Page
F. E. Myers & Brother Co.	446	
<b>PUNCH &amp; CHISEL, Assortments</b>		Page
Vaughan & Bushnell Mfg. Co.	398	
<b>PUNCH AND CHISEL SETS, Clipped</b>		Page
Ritter-Carlton Co., Inc.	566	
Vicheck Tool Co.	76	
<b>PUNCHES AND COLD CHISELS</b>		Page
American Swiss File & Tool Co.	472	
Barcalo Mfg. Co.	620	
Bridgeport Hdwe. Mfg. Co.	162	
Crescent Tool Co.	241	
Goodell-Pratt Co.	48	
Indestro Mfg. Corp.	47	
Millers Falls Co.	48	
Oxford Tool Co.	504	
Ritter-Carlton Co., Inc.	566	
Stanley Tools	174	
United Wire Goods Mfg. Co.	504	
Vaughan & Bushnell Mfg. Co.	398	
Vicheck Tool Co.	76	
<b>PUNCHES, Arch</b>		Page
American Swiss File & Tool Co.	472	
<b>PUNCHES, Center, Cartridge (Blasting)</b>		Page
Ensign-Bickford Co.	450	
<b>PUNCHES, Machine</b>		Page
Vaughan & Bushnell Mfg. Co.	398	
<b>PUNCHES, Ticket</b>		Page
McGill Metal Products Co.	453	
<b>PUSH CLIPS (For Electric Wiring)</b>		Page
Justrite Mfg. Co.	356	
<b>PUSHERS, Snow</b>		Page
Hamlin Metal Products Co.	176	
Rugg Mfg. Co.	468	
<b>PUTTY Softeners</b>		Page
Fletcher, Terry Co.	434	
<b>PUTTY</b>		Page
Donald Durham (water putty)	504	
Tamms Silica Co. (water putty)	522	
Pecora Paint Co.	314	
<b>PUTTY, Casement &amp; Metal Sash</b>		Page
Pecora Paint Co.	314	
<b>PUTTY, Stove &amp; Boiler</b>		Page
Pecora Paint Co.	314	
<b>PUTTY, Water</b>		Page
Donald Durham Co.	504	
Tamms Silica Co.	522	
<b>RACKS, Closet Door, (Shoe, Tie, Towel, etc.)</b>		Page
Miller, Inc., R. E.	716	
<b>RACKS, Key (wall type)</b>		Page
Cushman & Dennison Mfg. Co.	640	
<b>RACKS, Tie</b>		Page
Ritter-Carlton Co., Inc.	566	
<b>RADIATOR ENCLOSURES &amp; COVERS, See Covers, Radiator, or Enclosures, Radiator</b>		
<b>RADIO BATTERIES, "A" &amp; "B" &amp; "C"</b>		Page
National Carbon Co., Inc.	308	
<b>RADIOS</b>		Page
General Electric Co.	610	
Sentinel Radio Co.	318	
<b>RADIOS, portable electric</b>		Page
Sentinel Radio Corp.	318	
<b>RADIOS, Portable, battery</b>		Page
Sentinel Radio Corp.	318	
<b>RAILINGS, Iron</b>		Page
Stewart Iron Work, Inc. (balcony, porch, stair)	506	
<b>RAILROADS, Model, Assembled &amp; Kits</b>		Page
Cleveland Model & Supply Co.	528	
<b>RAKES, See Forks, Hoes &amp; Rakes</b>		
<b>RAKES, Lawn, bamboo (broom rake)</b>		Page
Geo. W. McGuire Co.	388	
<b>RAKES, Lawn, Steel (broom rakes)</b>		Page
Coburn Mfg. Co. (wire)	464	
Electrite Fence Co.	492	
Geyer Mfg. Co.	186	
Geo. W. McGuire Co. (bamboo, steel supported)	388	
New Standard Corp.	238	
Rugg Mfg. Co.	468	
Stampit Corp.	318	
Union Fork & Hoe Co.	112	
<b>RANGES, See Stoves &amp; Ranges</b>		
<b>RANGES, Cabin &amp; Trailer</b>		Page
Coleman Lamp & Stove Co.	152	
<b>RASPS, See Files</b>		
<b>RAT EXTERMINATORS</b>		Page
K.R.O. Co.	480	
G. Anderson Levy	480	
<b>RATTLE ELIMINATOR</b>		Page
Van Cleef Bros. (rubber shim)	417	
<b>REAMERS &amp; DRILLS</b>		Page
Cleveland Twist Drill Co.	130	
Greenfield Tap & Die Corp.	46	
Morse Twist Drill & Machine Co.	102	
National Twist Drill & Tool Co.	42	
Standard Tool Co.	224	
<b>REAMERS, Bibb Seat</b>		Page
International Plumbing Mfg. Co., Inc.	594	
Keystone Brass & Rubber Co.	717	
<b>REAMERS, Bit Stock</b>		Page
Cleveland Twist Drill Co.	130	
Ritter-Carlton Co., Inc.	566	
<b>REAMERS, Taper</b>		Page
Greenfield Tap & Die Corp.	46	
Henry L. Hanson, Inc.	322	
National Twist Drill & Tool Co.	42	
<b>RECEIVERS, Garbage (Underground)</b>		Page
Majestic Co.	136	
Witt Cornice Co.	218	

<b>RECEIVERS, Milk &amp; Package</b> Majestic Co. .... 136	<b>RICERS, Vegetable</b> McDowell Mfg. Co. .... 480	<b>ROLLERS, Lawn</b> Buch Mfg. Co. .... 492 Jackson Mfg. Co. .... 200
<b>RECEPTACLES, Dust cloth, wall</b> Patent Novelty Co. .... 282	<b>RIFLES</b> Iver Johnson's Arms & Cycle Works ..... 400 Remington Arms Co., Inc. .... 561 Savage Arms Corp. .... 648 Stevens Arms Corp. .... 648 Winchester Repeating Arms Co. .... 268	<b>ROLLERS, Sash</b> Sargent & Co. .... 110
<b>REELS, Clothesline</b>	<b>RINGERS, Hog</b> H. H. Lindeman ..... 480	<b>ROLLERS, Seam, Paperhanger's</b> Landon P. Smith, Inc. .... 718
<b>REELS, Electric Cord (for electric mowers, hedge trimmings, etc.)</b> Robertson Mfg. Co. .... 300	<b>RINGS, Bridle</b> Imperial Bit & Snap Co. .... 118	<b>ROLLS, Abrasive (for Floor Machines)</b> Armour Sand Paper Works ... 74
<b>REELS, Fishing</b> Akron Fishing Tackle Works, Inc. .... 478 Enterprise Mfg. Co. .... 478 Pfueger Fishing Tackle ..... 478 Union Hardware Co. .... 552	<b>RINGS, Jar, Rubber. See Rubbers, Jar</b>	<b>ROOFING and SIDING, Composition</b> Barrett Co. .... 466 Phillip Carey Co. .... 482
<b>REELS, Line Chalking</b> Warner Mfg. Co. .... 372	<b>RINGS, Nose, Bull</b> Sargent & Co. .... 110	<b>ROOFING and SIDING, Metal</b> American Steel & Wire Co. .... 558 Bethlehem Steel Co. .... 256 Carnegie-Illinois Steel Co. .... 558 Columbia Steel Co. .... 558 Continental Steel Corp. .... 284 Mid States Steel & Wire Co. .... 354 F. D. Kees Mfg. Co. (metal siding corners) .... 356 Milcor Steel Co. .... 343 Republic Steel Corp. .... 374 U. S. Steel Corp. .... 558
<b>REFIGERATION Supplies</b> Durst Mfg. Co. .... 642	<b>RINGS, Shower Curtain</b> Hindley Mfg. Co. .... 390	<b>ROPE, Braided, see Cord, Braided</b>
<b>REFRIGERATOR ACCESSORIES</b> Harry Alter Co. .... 480	<b>RINGS, Snaps &amp; Buckles, Harness</b> Imperial Bit & Snap Co. .... 118	<b>ROPE, Drilling Cable</b> Geo. B. Carpenter & Co. .... 460 Edwin H. Fidler Co. .... 211 Wall Rope Works, Inc. .... 292
<b>REFRIGERATORS, Electric</b> Westinghouse Electric & Mfg. Corp. .... Back Cover	<b>RINGS, Swinging Playground, Gymnasium</b> Arch-Horne Co. .... 622	<b>ROPE, Manila and Sisal</b> American Mfg. Co. .... 490 Geo. B. Carpenter & Co. .... 460 Columbian Rope Co. .... 180 Edwin H. Fidler Co. .... 211 Plymouth Cordage Co. .... 101 Upson-Walton Co. .... 550 Wall Rope Works, Inc. .... 292
<b>REGISTERS, Warm Air</b> Majestic Co. .... 134	<b>RIVET SETS, Tinner's</b> Vaughan & Bushnell Mfg. Co. ... 398	<b>ROPE, Transmission</b> Geo. B. Carpenter & Co. .... 460 Edwin H. Fidler Co. .... 211 Wall Rope Works .... 292
<b>RELOADING Tools, Shell</b> Lyman Gun Sight Corp. .... 570	<b>RIVETS &amp; BURS</b> W. W. Cross & Co., Inc. (Copper) 236 National Screw & Mfg. Co. .... 202 Russell, Burdsall & Ward Bolt & Nut Co. .... 316 Stanley Works (burs) .... 350	<b>ROPE, Wire, Iron, Steel, Bronze</b> Upson-Walton Co. .... 550
<b>REMOVERS, Roller, Scale</b> Durst Mfg. Co., Inc. .... 642	<b>RIVETS, Belt</b> Standard Belt Fastener Co. .... 644	<b>ROPE MERCHANDISERS</b> Columbian Rope Co. (automatic measuring) .... 180 Plymouth Cordage Co. (automatic measuring) .... 101
<b>REMOVERS, Paint, Varnish</b> Foy Paint Co., Inc. .... 448 Gillespie Varnish Co. .... 640 Tamm's Silica Co. .... 522 Wilson-Imperial Co. .... 644	<b>RIVETS, Iron &amp; Steel</b> National Screw & Mfg. Co. .... 644 Russell, Burdsall & Ward Bolt & Nut Co. .... 316 Jos. T. Ryerson & Son, Inc. .... 420 Triplex Screw Co. .... 534	<b>RUBBER GOODS, Household</b> Williams-Bowman Rubber Co. ... 588
<b>REMOVERS, Paint (for Exterior Surfaces)</b> Gillespie Varnish Co. .... 640 Wilson-Imperial Co. .... 644	<b>RIVETS, Tubular, Clinch and Solid</b> Clark Bros. Bolt Co. .... 484 Tubular Rivet & Stud Co. .... 292	<b>RUBBER GOODS, Moulded</b> Durst Mfg. Co. .... 642 Elastic Tip Co. .... 322 International Plumbing Mfg. Co., Inc. .... 594 Keystone Brass & Rubber Co. .... 717
<b>REMOVERS, Rust, See Rust Removers</b>	<b>ROASTERS, Electric</b> General Electric Co. .... 610 Landers, Frary, Clark Co. .... 148 National Enameling & Stamping Co. .... 140 Westinghouse Electric & Mfg. Co. .... Back Cover	<b>RUBBERS, Jar</b> Boston Woven Hose & Rubber Co. .... 379
<b>REMOVERS, Scratch &amp; Mar (furniture)</b> General Cement Mfg. Co. .... 322	<b>RODS, Cleaning Gun and Rifle</b> Marble Arms & Mfg. Co. .... 394 Union Hardware Co. .... 552	<b>RUBBERS, Suction</b> Elastic Tip Co. .... 322
<b>REMOVERS, Spot</b> Gulf Refining Co. .... 158 Uncle Sam Chemical Co., Inc. ... 604	<b>RODS, Fishing</b> American Fork & Hoe Co. .... 263 Premax Products Div. .... 360 Union Hardware Co. .... 552	<b>RULES, Board &amp; Log</b> Lufkin Rule Co. .... 586
<b>REMOVERS Wall Paper</b> Tamm's Silica Co. .... 522	<b>RODS, Grass</b> Lamson & Sessions ..... 548	<b>RULES, Caliper</b> Lufkin Rule Co. .... 586
<b>REMOVERS, Wax, Oil, Polish, Etc.</b> Schalk Chemical Co. .... 368 Tamm's Silica Co. .... 522	<b>RODS, Sewer Cleaning</b> International Plumbing Mfg. Co., Inc. .... 594	<b>RULES, Flexible Steel</b> Eagle Rule Mfg. Corp. .... 468 Goodell-Pratt ..... 48 John H. Graham & Co., Inc. .... 426 Lufkin Rule Co. .... 586 Millers Falls Co. .... 48 Master Rule Mfg. Co., Inc. .... 394 Ritter-Carlton Co. .... 566 Stanley Tools ..... 174 L. S. Starrett Co. .... 518 Waterbury Lock & Specialty Co. 286
<b>REPAIRS, Sewing Machines</b> Brewer Sewing Supplies Co. .... 464	<b>RODS, SPREADER</b> Lamson & Sessions Co. .... 548	<b>RULES, Folding &amp; Zig-Zag</b> Eagle Rule Mfg. Corp. .... 468 Lufkin Rule Co. .... 586 Master Rule Mfg. Co., Inc. .... 394 Ritter-Carlton Co., Inc. .... 566 Stanley Tools ..... 174
<b>REPELLENTS, crow</b> Cedar Hill Formulae Co. .... 480	<b>RODS, Stove, Seat, Ladder</b> Russell, Burdsall & Ward Bolt & Nut Co. .... 316	
<b>REPELLENTS, Dog, Cat, Rabbit, etc.</b> C. Anderson Levy ..... 480 Jean MacLean ..... 396	<b>RODS, Tank Ball</b> International Plumbing Mfg. Co., Inc. .... 594 Keystone Brass & Rubber Co. ... 717	
<b>REPELLENTS, Insect</b> Triggs-Michael Co. .... 646	<b>ROLLERS, Land</b> Buch Mfg. Co. .... 492	
<b>REPELLENTS, Mosquito</b> Jean MacLean ..... 396		
<b>RESEATERS, Faucet</b> International Plumbing Mfg. Co., Inc. .... 594 Keystone Brass & Rubber Co. .... 717		
<b>RESTS, Back, See Backrests</b>		
<b>RESTS, Shelf</b> Sargent & Co. .... 110		
<b>REVOLVERS</b> Harrington & Richardson Arms Co. .... 108 Iver Johnson's Arms & Cycle Works ..... 400		

<b>RULES, Fourfold</b>	Page	<b>SAWS, Bench, Power</b>	Page	<b>SAWS, Nest of Saws</b>	Page
Stanley Tools .....	174	Arcade Mfg. Co.....	576	E. C. Atkins & Co.....	94
<b>RULES, Sliding, for inside measurements</b>		Power King Tool Corp.....	360	Ohlen-Bishop Co.....	290
Lufkin Rule Co. ....	586	Syncro Devices, Inc.....	226	Ritter-Carlton Co., Inc.....	566
Master Rule Mfg. Co., Inc. ....	394	<b>SAWS, Butcher</b>		<b>SAWS, Pole, Pruning</b>	
<b>RUST REMOVER</b>		E. C. Atkins & Co.....	94	Bartlett Mfg. Co.....	500
Stay-Tite Products Co. ....	404	Goodell-Pratt .....	48	<b>SAWS, Pruning</b>	
<b>SADDLERY HARDWARE, See Hardware, Harness</b>		Millers Falls Co.....	48	E. C. Atkins & Co.....	94
<b>SALAMANDERS</b>		<b>SAWS, Circular (for Metal)</b>		Bartlett Mfg. Co.....	500
Jackson Mfg. Co.....	200	E. C. Atkins & Co.....	94	Henry Disston & Sons, Inc.....	436
<b>SALTS, Soldering, See Soldering Salts</b>		Curtis Saw Co.....	500	Ohlen-Bishop Co.....	290
<b>SANDERS, Disc, Electric</b>		Henry Disston & Sons, Inc.....	436	Seymour Smith & Son, Inc.....	516
Goodell-Pratt .....	48	Ohlen-Bishop Co.....	290	<b>SAWS, Sabre, Blades</b>	
Millers Falls Co.....	48	<b>SAWS, Circular (for Wood)</b>		Ackermann-Steffan & Co.....	304
<b>SANDERS, Power, Woodworking</b>		E. C. Atkins & Co.....	94	Henry Disston & Sons, Inc.....	436
Arcade Mfg. Co.....	576	Curtis Saw Co.....	500	<b>SAWS, Scroll &amp; Fret, Blades</b>	
Goodell-Pratt .....	48	Henry Disston & Sons, Inc.....	436	Ackermann-Steffan & Co.....	304
Millers Falls Co.....	48	Ohlen-Bishop Co.....	290	Henry Disston & Sons, Inc.....	436
<b>SANDING MACHINES, Floor, Electric</b>		<b>SAWS, Compass</b>		<b>SCAFFOLDING, See Staging, Etc.</b>	
Lincoln-Schlueter Floor Machine Co. ....	438	E. C. Atkins & Co.....	94	<b>SCALE REMOVER, Boiler, See Removers, Boiler, Scale</b>	
Skilsaw, Inc. ....	310	John H. Graham & Co. (hack)..	234	<b>SCALES, Bathroom</b>	
Landon P. Smith, Inc.....	718	Ohlen-Bishop Co.....	290	Hanson Scale Co.....	658
<b>SANDING MACHINES, for Floor Edges &amp; Stair Treads</b>		Ritter-Carlton Co., Inc.....	566	Landers, Frary & Clark Co.....	148
Lincoln-Schlueter Floor Machine Co., Inc. ....	438	Ultra Mfg. Co. (hack)..	234	<b>SCALES, Diet</b>	
Landon P. Smith, Inc.....	718	<b>SAWS, Coping, Blades</b>		Hanson Scale Co.....	658
<b>SANDPAPER</b>		Ackermann-Steffan & Co.....	304	<b>SCALES, Household</b>	
Armour Sand Paper Works ....	74	Parker Wire Goods Co.....	252	Hanson Scale Co.....	658
Berea Abrasives .....	454	<b>SAWS, Cross-Cut</b>		Landers, Frary & Clark Co.....	148
Carborundum Co.....	44	E. C. Atkins & Co.....	94	<b>SCALES, Postal</b>	
Minnesota Mining & Mfg. Co.....	628	Curtis Saw Co.....	500	Hanson Scale Co.....	658
Landon P. Smith, Inc.....	718	Henry Disston & Sons, Inc.....	436	<b>SCALES, Spring, Hand</b>	
<b>SANDPAPER, Floor Sanding Machine, See Abrasives, Belt, Cone, Disc &amp; Roll</b>		Ohlen-Bishop Co.....	290	Hanson Scale Co.....	658
<b>SANDPAPER, Household Assortments</b>		Simonds Saw & Steel Co.....	38	<b>SCALES, Steel</b>	
Armour Sand Paper Works.....	74	<b>SAWS, Electric, Hand</b>		Lufkin Rule Co.....	586
Minnesota Mining & Mfg. Co.....	628	Goodell-Pratt .....	48	<b>SCISSORS &amp; SHEARS, See Shears &amp; Scissors</b>	
Landon P. Smith, Inc.....	718	Millers Falls Co.....	48	<b>SCOOPS, Snow</b>	
<b>SASH BALANCES, See Balances, Sash</b>		Power King Tool Corp.....	360	Rugg Mfg. Co.....	468
<b>SASH SPRINGS, See Springs, Sash</b>		Fred W. Wappat.....	404	<b>SCOOPS, Spades &amp; Shovels, See Shovels, Spades &amp; Scoops</b>	
<b>SASH &amp; SCREEN DOOR COMBINATION</b>		<b>SAWS, Hack, Blades</b>		<b>SCOURING PADS, See Pot Cleaners</b>	
Continental Screen Co.....	188	Ackermann-Steffan & Co.....	304	<b>SCRAPERS, Barn</b>	
Phenix Mfg. Co.....	428	E. C. Atkins & Co.....	94	Iwan Bros. ....	400
<b>SAW BLADES, Miniature Assortment</b>		Henry Disston & Sons, Inc.....	436	<b>SCRAPERS, Boot</b>	
Ackermann-Steffan & Co. ....	304	Ohlen-Bishop Co.....	290	National Mfg. Co. ....	88
<b>SAW BLADES, Web &amp; Buck</b>		Power King Tool Corp. (circular, electric) .....	360	<b>SCRAPERS, Block or Ship</b>	
Sandvik Saw & Tool Corp.....	453	Ritter-Carlton Co., Inc.....	566	Vaughan & Bushnell Mfg. Co....	398
<b>SAW SETS</b>		Sandvik Saw & Tool Corp.....	453	<b>SCRAPERS, Box</b>	
Stanley Tools .....	174	Stanley Tools .....	174	Vaughan & Bushnell Mfg. Co....	398
E. C. Stearns & Co.....	510	Fred W. Wappat (circular, electric) .....	404	<b>SCRAPERS, Drag</b>	
<b>SAWS, Back, Mitre Box</b>		<b>SAWS, Jeweler's Blades</b>		Jackson Mfg. Co.....	200
E. C. Atkins & Co.....	94	Ackermann-Steffan & Co.....	304	<b>SCRAPERS, Floor for Cleaning</b>	
Goodell-Pratt .....	48	<b>SAWS, Jig, Blades</b>		Greenview Mfg. Co. ....	160
Millers Falls Co.....	48	Ackermann-Steffan & Co.....	304	<b>SCRAPERS (Inserted Blade)</b>	
Ohlen-Bishop Co.....	290	<b>SAWS, Jig, Power</b>		Fletcher, Terry Co. ....	434
Stanley Tools .....	174	Arcade Mfg. Co.....	576	Goodell-Pratt .....	48
<b>SAWS, Band, Blades (for Metal)</b>		Power King Tool Corp.....	360	Millers Falls Co.....	48
Clemson Bros., Inc.....	484	Syncro Devices, Inc.....	226	Landon P. Smith, Inc.....	718
Henry Disston & Sons, Inc.....	436	<b>SAWS, Keyhole</b>		Stanley Tools .....	174
Goodell-Pratt .....	48	Ackermann-Steffan & Co. (hack) ..	304	Warner Mfg. Co. ....	372
Millers Falls Co.....	48	E. C. Atkins & Co.....	94	<b>SCRAPERS (Inserted Razor Blade)</b>	
Ohlen-Bishop Co.....	290	Goodell-Pratt (hack) .....	48	Greenview Mfg. Co. ....	160
Henry G. Thompson & Son Co..	358	John H. Graham & Co., Inc. (hack) ..	234	McGill Metal Products Co.....	453
<b>SAWS, Band, Blades (for Wood)</b>		Millers Falls Co. (hack).....	48	Landon P. Smith, Inc.....	718
Henry Disston & Sons, Inc.....	436	Ohlen-Bishop Co.....	290	Warner Mfg. Co. ....	372
Goodell-Pratt .....	48	Parker Wire Goods Co. (hack)..	252	<b>SCRAPERS, Sidewalk</b>	
Millers Falls Co.....	48	Ritter-Carlton Co., Inc.....	566	Hamlin Metal Products Co.....	176
Ohlen-Bishop Co.....	290	Ultra Mfg. Co. (hack).....	234	Iwan Bros. ....	400
Henry G. Thompson & Son Co..	358	<b>SAWS, Kitchen</b>		<b>SCRAPERS, Soldering, See Soldering Salts</b>	
<b>SAWS, Band, Power</b>		Goodell-Pratt .....	48	<b>SCRAPERS, Soldering, See Soldering Salts</b>	
Arcade Mfg. Co.....	576	Millers Falls Co.....	48	<b>SCRAPERS, Soldering, See Soldering Salts</b>	
<b>SAWS, Mitre Box, See Saws, Back, Mitre Box</b>		<b>SAWS, Mitre Box, See Saws, Back, Mitre Box</b>		<b>SCRAPERS, Soldering, See Soldering Salts</b>	

**SETS, Lock, See Lock Se**



SETS, Nail	Page	SHEARS, Metal, Hand, See Snips, Tin- ners	Page	SHOWER HEADS	Page
Barcalo Mfg. Co. ....	620			Durst Mfg. Co., Inc. ....	642
Bridgeport Hardware Mfg. Co. ....	162			International Plumbing Mfg. Co., Inc. ....	594
Crescent Tool Co. ....	241			Keystone Brass & Rubber Co. ....	717
Goodell-Pratt .....	48	<b>SHEARS, Pruning</b>		<b>SHOWERS, Bath</b>	
Millers Falls Co. ....	48	American Logging Tool Co. ....	576	Durst Mfg. Co. ....	642
Ritter-Carlton Co., Inc. ....	566	E. C. Atkins & Co. ....	94	Peerless Steel Equipment Co. ....	314
Stanley Tools .....	174	Henry Disston & Sons, Inc. ....	436		
James Swan Co. ....	352	H. K. Porter, Inc. ....	538		
		Wm. Schollhorn Co. ....	230		
		Seymour Smith & Son, Inc. ....	516		
<b>SETS, Onion</b>		<b>SHEARS, Sheep</b>		<b>SHUTS, Cold, Chain Repair</b>	
Page Seed Co. ....	404	Alfred Field & Co., Inc. ....	296	American Chain & Cable Co., Inc. ....	124
<b>SETS, Picture Hanging</b>		John H. Graham & Co., Inc. ....	426	American Logging Tool Co. ....	576
E. H. Tate Co. ....	544	Keiser Mfg. Co. ....	716	Warren Axe & Tool Co. ....	488
<b>SETS, Salt, Pepper &amp; Spices</b>		<b>SHEATHING, Paper</b>		<b>SHUTTLES, Sewing Machine</b>	
Owens-Illinois Can Co. (range sets) .....	190	Barrett Co. ....	466	Brewer Sewing Supplies Co. ....	464
<b>SETS, Saw, See Saw Sets</b>		<b>SHEAVES (Wire &amp; Manila Rope)</b>		<b>SICKLES</b>	
<b>SEWING, Machine, Parts &amp; Supplies</b>		Upson-Walton Co. ....	550	Alfred Field & Co., Inc. ....	296
Brewer Sewing Supplies Co. ....	464	<b>SHEETS, Black, Galvanized, Etc.</b>		John H. Graham & Co., Inc. ....	426
Wm. F. Nye, Inc. (oil) .....	390	Continental Steel Corp. ....	284	North Wayne Tool Co. ....	376
<b>SHACKLES, Chain or Anchor</b>		Republic Steel Corp. ....	374	Rixford Mfg. Co. ....	566
Edward W. Daniel Co. ....	302	Jos. T. Ryerson & Son, Inc. ....	420	Winsted Mfg. Co. ....	488
Upson-Walton Co. ....	550	<b>SHEETS, Corrugated</b>		<b>SIDING, Metal, See Roofing &amp; Siding Metal</b>	
Wilcox, Crittenden & Co. ....	434	Continental Steel Corp. ....	284	<b>SIEVES, Fruit &amp; Vegetable (household)</b>	
<b>SHAFTING STEEL</b>		Republic Steel Corp. ....	374	McDowell Mfg. Co. ....	480
Jos. T. Ryerson & Son, Inc. ....	420	<b>SHEETS, Inventory</b>		<b>SIFTER CLOTH, See Strainer &amp; Sifter Cloth</b>	
<b>SHAFTS, Golt</b>		Hardware Age .....	624	<b>SIFTERS, Flour</b>	
American Fork & Hoe Co. ....	263	<b>SHEETS, Lead</b>		National Enameling & Stamping Co. ....	140
<b>SHAKERS, Electric, Canned Paint</b>		Alpha Metal & Rolling Mills, Inc. ....	570	<b>SIGHTS, Gun &amp; Rifle</b>	
Horst Universal Sales Co. ....	306	<b>SHELLERS, Corn</b>		Lyman Gun Sight Corp. ....	570
Landon P. Smith, Inc. ....	718	Buch Mfg. Co. ....	492	Marble Arms & Mfg. Co. ....	394
Tamms Silica Co. ....	522	<b>SHELLS, Shot Gun</b>		<b>SIGHTS, Telescopic, Rifle</b>	
<b>SHAKERS, Salt, Pepper &amp; Spices</b>		Peters Cartridge Div. ....	563	Lyman Gun Sight Corp. ....	570
Owens-Illinois Can Co. (range sets) .....	190	Remington Arms Co., Inc. ....	561	<b>SIPHONS, Garden Spray</b>	
<b>SHAPERS, Power, Homeworkshop</b>		Western Cartridge Co. ....	632	Jean MacLean .....	396
Arcade Mfg. Co. ....	576	Winchester Repeating Arms Co. ....	268	<b>SIZING, Wall</b>	
Atlas Press Co. ....	472	<b>SHELVES, Bathroom</b>		Foy Paint Co., Inc. ....	448
Power King Tool Corp. ....	360	Columbia Metal Box Co. ....	150	Le Pages, Inc. ....	441
<b>SHARPENERS, Knife</b>		Miami Cabinet Div. ....	324	<b>SKATES, Ice</b>	
Berea Abrasives .....	454	<b>SHIELDS &amp; FILTERS, for Hot Air Registers</b>		Alfred Johnson Skate Co. ....	390
Carborundum Co. ....	44	Steel Products Mfg. Co. ....	580	Union Hardware Co. ....	552
<b>SHARPENERS, Lawn Mower</b>		<b>SHIELDS, Screw &amp; Bolt Anchor</b>		<b>SKATES, Roller</b>	
Fate, Root, Heath Co. ....	444	Paine Co. ....	224	Chicago Roller Skate Co. ....	178
<b>SHARPENERS, Skate</b>		<b>SHIMS &amp; WEDGES, Stonecutter's</b>		D. P. Harris Hardware & Mfg. Co., Inc. ....	390
Luther Grinder & Tool Co. ....	302	Trow & Holden Co. ....	404	Union Hardware Co. ....	552
<b>SHARPENERS, Sickle &amp; Tool, Foot</b>		<b>SHINGLES, Asphalt</b>		Winchester Repeating Arms Co. ....	268
Luther Grinder & Tool Co. ....	302	Barrett Co. ....	466	<b>SKEWERS, Meat</b>	
<b>SHARPENERS, Tool</b>		<b>SHINGLES, Composition</b>		E. H. Tate Co. ....	544
Berea Abrasives .....	454	Barrett Co. ....	466	<b>SKILLETS</b>	
Carborundum Co. ....	44	Phillip Carey Co. ....	482	Hamlin Metal Products Co. ....	176
Luther Grinder & Tool Co. ....	302	<b>SHOES, Horse &amp; Mule</b>		Schlueter Mfg. Co. ....	114
National Sewing Machine Co. ....	290	Diamond Calk Horseshoe Co. ....	636	<b>SLEDGES &amp; WEDGES</b>	
<b>SHAVES, Spoke, See Spokeshaven</b>		Giant Grip Mfg. Co. ....	622	Stanley Tools .....	174
<b>SHEARS and SCISSORS</b>		<b>SHOES, Ladder</b>		Warren Tool Corp. ....	92
Acme Shear Co. ....	512	Landon P. Smith, Inc. ....	718	Warwood Tool Co. ....	496
Remington Arms Co., Inc. ....	564	<b>SHOTGUNS</b>		<b>SLEEVES</b>	
<b>SHEARS, Grass</b>		Fox Gun .....	648	National Twist Drill & Tool Co. ....	42
American Steel Box Corp. ....	576	Harrington & Richardson Arms Co. ....	108	<b>SLICERS, Household &amp; Hotel</b>	
Henry Disston & Sons, Inc. ....	436	Iver Johnson's Arms & Cycle Co. ....	400	Alfred Field & Co., Inc. ....	296
Alfred Field & Co., Inc. ....	296	Remington Arms Co., Inc. ....	561	<b>SLIDES, Furniture, See Glides, Furni- ture</b>	
John H. Graham & Co., Inc. ....	426	Savage Arms Co. ....	648	<b>SLIDES, Playground &amp; Pool</b>	
Keiser Mfg. Co. ....	716	Stevens Arms Co. ....	648	Arch-Horne Co. ....	622
North Wayne Tool Co. ....	376	Winchester Repeating Arms Co. ....	268	<b>SLINGS (Wire &amp; Manila Rope)</b>	
Premier Tool Works .....	504	<b>SHOVELS, Snow</b>		Upson-Walton Co. ....	550
Smith & Son, Inc., Seymour .....	516	Rugg Mfg. Co. ....	468	<b>SNAPS, Boat</b>	
<b>SHEARS, Hedge</b>		<b>SHOVELS, Spades, Scoops</b>		Wilcox, Crittenden Co. ....	434
Henry Disston & Sons, Inc. ....	436	American Fork & Hoe Co. ....	263	<b>SNAPS, Rings &amp; Buckles, Harness</b>	
Alfred Field & Co. ....	296	Ames, Baldwin Wyoming Co. ....	212	Imperial Bit & Snap Co. ....	118
John H. Graham & Co., Inc. ....	426	Alfred Field & Co., Inc. (garden- ing spade) .....	296	<b>SNATH REPAIR PARTS</b>	
Keiser Mfg. Co. ....	716	Hamlin Metal Products Co. ....	176	Sta-Tite Snath Co. ....	214
Smith & Son, Inc., Seymour .....	516	Ingersoll Steel & Disc Co. ....	164	<b>SNATHS</b>	
<b>SHEARS, Horse, hand</b>		Union Fork & Hoe Co. ....	112	Rixford Mfg. Co. ....	566
Keiser Mfg. Co. ....	716	Wood Shovel & Tool Co. ....	54	Sta-Tite Snath Co. ....	214
<b>SHEARS, Lopping</b>		<b>SHOWER, Outdoor (Hose Connection)</b>		<b>SNIPS, Metal, compound lever</b>	
Bartlett Mfg. Co. ....	500	Keystone Brass & Rubber Co. ....	717	Bartlett Mfg. Co. ....	500
Henry Disston & Sons, Inc. ....	436	<b>SHOWER CABINETS</b>			
H. K. Porter, Inc. ....	538	Peerless Steel Equipment Co. ....	314		
Smith & Sons, Inc., Seymour .....	516				

<b>SNIPS, Tanners'</b>	<b>Page</b>	<b>SPLICERS, Wire Fence</b>	<b>Page</b>	<b>SQUARES, Carpenters'</b>	<b>Page</b>
Barcalo Mfg. Co.....	620	Crescent Tool Co. (pliers).....	241	Goodell-Pratt .....	48
Bartlett Mfg. Co.....	600	Diamond Calk Horseshoe Co. (pliers) .....	78	Lufkin Rule .....	586
Crescent Tool Co.....	241	Utica Drop Forge & Tool Co. (pliers) .....	78	Millers Falls Co.....	48
Utica Drop Forge & Tool Corp..	78			Ritter-Carlton Co., Inc.....	566
				Sargent & Co.....	110
<b>SOAPS, Liquid, Hand &amp; Floor</b>		<b>SPLITTERS, Nut</b>		Southington Hardware Co.....	98
Uncle Sam Chemical Co.....	604	H. K. Porter, Inc.....	538	Stanley Tools .....	174
				L. S. Starrett Co.....	518
<b>SOCKETS, Wire Rope</b>		<b>SPOKES and NIPPLES, Bicycle</b>		<b>SQUARES, Combination, Try &amp; Mitre</b>	
Upson-Walton Co.....	550	National Screw & Mfg. Co.....	202	Goodell-Pratt .....	48
Wilcox, Crittenden Co.....	434			Lufkin Rule Co.....	586
		<b>SPOKESHAVES</b>		Millers Falls Co.....	48
<b>SOFTENERS, Putty</b>		Alfred Field & Co., Inc.....	286	Ritter-Carlton Co., Inc.....	566
Fletcher, Terry Co.....	434	Stanley Tools .....	174	Stanley Tools .....	174
<b>SOIL TESTORS</b>		<b>SPONGES, Metallic</b>		<b>SQUARES "L" &amp; "T"</b>	
Jean MacLean .....	396	Metal Textile Corp.....	394	Lufkin Rule Co.....	586
		Landon P. Smith, Inc.....	718		
<b>SOLDER, Aluminum</b>		Whiting & Davis Co. (mesh)....	588	<b>SQUARES, Mitre</b>	
Belmont Smelting & Refining Wks., Inc. ....	632			Stanley Tools .....	174
		<b>SPORTS EQUIPMENT</b>			
<b>SOLDER, Bar &amp; Wire</b>		Draper-Maynard Co.....	406	<b>SQUARES, Try, Carpenters'</b>	
Alpha Metal & Rolling Mills, Inc.	570			Southington Hardware Co. ....	98
Belmont Smelting & Refining Wks., Inc. ....	632	<b>SPOT REMOVER</b>			
Gardiner Metal Mfg. Co.....	322	Gulf Refining Co.....	158	<b>SQUEEGEES, Floor Cleaning</b>	
				Greenview Mfg. Co. ....	160
<b>SOLDER, Flux Core</b>		<b>SPRAY GUNS, Paint</b>		Illinois Duster & Brush Co. ....	646
Alpha Metal & Rolling Mills, Inc.	570	W. R. Brown Corp.....	324		
Belmont Smelting & Refining Wks., Inc. ....	632			<b>SQUEEGEES, Window Cleaning</b>	
Gardiner Metal Mfg. Co.....	322	<b>SPRAYERS, Fertilizer, Hose Nozzle</b>		Greenview Mfg. Co. ....	160
New York Solder Co., Inc.....	220	Molded Specialties Co.....	632	Illinois Duster & Brush Co. ....	646
Ruby Chemical Co.....	352				
		<b>SPRAYERS, Insecticide</b>		<b>STACK, Wall, Steel</b>	
<b>SOLDER, Liquid</b>		Jean MacLean (garden kit)....	396	Milcor Steel Co. ....	343
Allen Co., Inc., L. B.....	512	F. E. Myers & Bros. Co. (power)	446		
Le Pages, Inc.....	441	O'Cedar Corp. ....	135	<b>STAGING &amp; SCAFFOLDS</b>	
Testor Cement Co.....	536			W. W. Babcock Co. ....	476
		<b>SPRAYERS, Paint, Auto Power</b>		Rich Ladder & Mfg. Co. ....	254
<b>SOLDER, Silver</b>		W. R. Brown Corp.....	324		
Belmont Smelting & Refining Wks., Inc. ....	632			<b>STAINS, Oil</b>	
		<b>SPRAYERS, Paint, Compressed Air</b>		Foy Paint Co., Inc. ....	448
<b>SOLDERING FLUX</b>		W. R. Brown Corp.....	324		
L. B. Allen Co., Inc.....	512	<b>SPRAYERS, Paint Electric</b>		<b>STAINS, Shingle</b>	
Burnley Battery & Mfg. Co.....	464	W. R. Brown Corp.....	324	Foy Paint Co., Inc. ....	448
Ruby Chemical Co.....	352			R. F. Johnson Paint Co. ....	444
		<b>SPRAYS, Bath</b>			
<b>SOLDERING IRONS</b>		Durst Mfg. Co., Inc.....	642	<b>STAIRWAYS, Balanced</b>	
Turner Brass Works.....	318	Keystone Brass & Rubber Co....	717	Putnam & Co. ....	476
<b>SOLDERING IRONS, Electric</b>		<b>SPRAYS, Cattle</b>		<b>STAMPINGS, Metal</b>	
Hexacon Electric Co.....	570	Barrett Co. ....	466	Edw. G. Budd Mfg. Co. ....	512
National Specialty Co.....	238				
Stanley Tools .....	174	<b>SPRAYS, Fly, Moth, Etc. (Household)</b>		<b>STAMPS, Steel</b>	
Vulcan Electric Co.....	646	Gulf Refining Co.....	158	M. E. Cunningham Co. ....	532
		O'Cedar Corp. ....	135		
<b>SOLDERING IRONS, Electric, Auto-</b>		Uncle Sam Chemical Co., Inc....	604	<b>STANCHIONS, Barn Equipment</b>	
<b>motive and Industrial</b>				Gardner Mfg. Co. ....	574
Hexacon Electric Co.....	570	<b>SPRAYS, Insecticide</b>			
National Specialty Co.....	238	Barrett Co. (farm & dairy)....	466	<b>STANDS, Boiler</b>	
Stanley Tools .....	174	C. A. Wood Preserver Co. (poultry house) .....	480	Durst Mfg. Co. ....	642
Vulcan Electric Co.....	646	Gulf Refining Co. (household)....	158		
		Uncle Sam Chemical Co., Inc....	604	<b>STANDS &amp; BOARDS, Diving</b>	
<b>SOLDERING PASTE</b>		Zoro Co. ....	566	Arch-Horne Co. ....	622
L. B. Allen & Co., Inc.....	512				
Burnley Battery & Mfg. Co.....	464	<b>SPRAYS, Window Cleaner</b>		<b>STANDS, Drill Press</b>	
Ruby Chemical Co.....	352	O'Cedar Corp. ....	135	Speedway Mfg. Co. ....	608
		Socony-Vacuum Oil Co.....	540		
<b>SOLDERING SALTS</b>				<b>STAPLES, Canvas</b>	
L. B. Allen & Co., Inc.....	512	<b>SPREADERS, Fertilizer</b>		W. W. Cross & Co. ....	236
Burnley Battery & Mfg. Co.....	464	Masters Planter Co.....	580		
				<b>STAPLES, Insulated</b>	
<b>SOLES</b>		<b>SPRINGS, Door and Gate</b>		W. W. Cross & Co. ....	236
Auburn Rubber Corp. (rubber)...	167	National Mfg. Co.....	88		
Van Cleef Eros. (rubber).....	417	Sargent & Co.....	110	<b>STAPLES, Screen</b>	
Wilder & Co. (leather).....	322	Wickwire Spencer Steel Co.....	470	W. W. Cross & Co., Inc.....	236
<b>SOLVENT, Drain Pipe, See Cleaners,</b>		<b>SPRINGS, Sash, Window Control</b>		<b>STAPLES, Wire</b>	
<b>Drain Pipe, Chemical</b>		Metalvent Corp. ....	716	Bethlehem Steel Co. ....	256
				Continental Steel Corp. ....	284
<b>SOLVENTS, Powder</b>		<b>SPRINGS, Screen Door</b>		Indiana Steel & Wire Co. ....	402
Hoppe, Inc., Frank A.....	570	Sargent & Co.....	110	Mid-States Steel & Wire Co. ....	354
Marble Arms & Mfg. Co.....	394	Stanley Works .....	350	National Screw & Mfg. Co. ....	202
Triggs-Michael Co. ....	646			Northwestern Steel & Wire Co....	194
		<b>SPRINKLERS, Lawn</b>		Republic Steel Corp. ....	374
<b>SPADES, SHOVELS and SCOOPS, See</b>		Durst Mfg. Co., Inc.....	642	Wickwire Spencer Steel Co. ....	470
<b>Shovels, Spades &amp; Scoops</b>		Hastings Canvas Co. (soil soaker)	400		
		Keystone Brass & Rubber Co....	717	<b>STAYS, Fence</b>	
<b>SPADES, Gardening</b>		Molded Specialties Co. (fertilizer applicator) .....	632	Keystone Steel & Wire Co. ....	412
Alfred Field & Co., Inc.....	296	Park Sprinkler Mfg. Co.....	238		
Ingersoll Steel & Disc Co.....	164	Premax Products Div.....	360	<b>STEEL, Bars, Strips, Sheets, etc.</b>	
				Jos. T. Ryerson & Son, Inc. ....	420
<b>SPATULAS, Kitchen</b>		<b>SPUDS, Bark, Logging</b>			
Russell Harrington Cutlery Co..	590	American Logging Tool Co.....	576	<b>STEEL, Structural</b>	
		Peavey Mfg. Co.....	630	Jos. T. Ryerson & Son, Inc. ....	420
<b>SPEARS, Fish</b>					
Arcade Mfg. Co.....	576				

<b>STICKS &amp; BILLIES, Police</b>	<b>Page</b>	<b>STOVES and RANGES, Gas</b>	<b>Page</b>	<b>SWIVELS, Wire &amp; Manila Rope</b>	<b>Page</b>
Lignum-Vitae Products Corp. ....	632	Allen Mfg. Co. ....	286	Willcox, Crittenden & Co. ....	434
<b>STICKS, Mop</b>		Coleman Lamp & Stove Co. ....	152		
Arcade Mfg. Co. ....	576	Gray & Dudley Co. ....	58	<b>SYSTEMS, Water, See Water Systems</b>	
Greenview Mfg. Co. ....	160	Malleable Iron Range Co. ....	614	<b>TABLES, Ironing</b>	
Stover Mfg. & Engine Co. ....	282	<b>STOVES and RANGES, Gas-Coal Combination</b>		J. R. Clark Co. ....	64
<b>STIMULANTS, Plant, Growth</b>		Allen Mfg. Co. ....	286	Moulton Ladder Mfg. Co. ....	338
Acme Scientific Co. ....	658	Malleable Iron Range Co. ....	614	Rich Ladder & Mfg. Co. ....	254
National Oil Products Co. ....	258	<b>STOVES and RANGES, Gasoline</b>		<b>TACKLE BLOCKS (Wire &amp; Manila Rope), See Blocks, Tackle</b>	
Jean MacLean ....	396	Coleman Lamp & Stove Co. ....	152	<b>TACKLE, Fishing</b>	
<b>STIPLERS, Roller</b>		<b>STOVES and RANGES, Gas, Coal and Wood Combination</b>		Akron Fishing Tackle Works. ....	478
Landon P. Smith, Inc. ....	718	Malleable Iron Range Co. ....	614	Enterprise Mfg. Co. ....	478
<b>STOCKS and DIES</b>		<b>STOVES and RANGES, Electricity, Coal and Wood Combination</b>		Pfueger Fishing Tackle. ....	478
Armstrong Bros. Tool Co. ....	36	Malleable Iron Range Co. ....	614	Premax Products Div. (rods) ....	360
Greenfield Tap & Die Corp. ....	46	<b>STOVES and RANGES, Oil</b>		Triggs-Michael Co. (line & fly dressing) ....	646
Henry L. Hanson, Inc. ....	322	Allen Mfg. Co. ....	286	Union Hardware Co. (rods & reels) ....	552
<b>STONERS, Cherry</b>		Gray & Dudley Co. ....	58	<b>TACKS</b>	
New Standard Corp. ....	238	Huenefeld Co. ....	2	W. W. Cross & Co. ....	236
<b>STONES, Grind, See Grindstones</b>		National Enameling & Stamping Co. ....	140	National Screw & Mfg. Co. ....	202
<b>STONES, Rubbing &amp; Scouring</b>		United Stove Co. ....	338	<b>TACKS, Cobbler, See Nails, Cobbler</b>	
Berea Abrasives ....	454	<b>STOVES and RANGES, Gas and Oil Combination</b>		<b>TACKS, Copper</b>	
<b>STONES, Scythe</b>		Malleable Iron Range Co. ....	614	W. R. Cross & Co. Inc. ....	236
Berea Abrasives ....	454	<b>STOVES and RANGES, Electricity and Oil Combination</b>		<b>TACKS, Double-Pointed</b>	
Carborundum Co. ....	44	Malleable Iron Range Co. ....	614	W. W. Cross & Co., Inc. ....	236
Luther Grinder & Tool Co. ....	302	<b>STRAINER &amp; SIFTER CLOTH, Wire</b>		<b>TACKS, Screen</b>	
<b>STONES, Sharpening</b>		C. O. Jelliff Mfg. Corp. ....	602	W. W. Cross & Co., Inc. ....	236
Berea Abrasives ....	454	<b>STRAINERS, Cup, Lavatory</b>		<b>TACKS, Thumb</b>	
Carborundum Co. ....	44	Keystone Brass & Rubber Co. ....	717	R. E. Miller, Inc. ....	716
<b>STOOLS, Step</b>		<b>STRAINERS, Cup, Sink</b>		Moore Push Pin Co. ....	388
J. R. Clark Co. ....	64	International Plumbing Mfg. Co. ....	594	<b>TACKS, Thumb, Celluloid Head</b>	
Putnam & Co., Inc. ....	476	<b>STRAINERS, Fruit &amp; Vegetable</b>		Moore Push Pin Co. ....	388
Rich Ladder & Mfg. Co. ....	254	McDowell Mfg. Co. ....	480	<b>TACKS, Thumb, Numerals &amp; Letters</b>	
<b>STOPPERS, Flue, Lithographed</b>		<b>STRAINERS, Sink</b>		R. E. Miller, Inc. ....	716
J. L. Clark Mfg. Co. ....	508	Durst Mfg. Co. ....	642	Moore Push Pin Co. ....	388
<b>STOPPERS, Sink, Bath &amp; Basin</b>		International Plumbing Mfg. Co. ....	594	<b>TAMPERS, Turf</b>	
Durst Mfg. Co. ....	642	<b>STRAPPING, Box</b>		Buch Mfg. Co. ....	492
International Plumbing Mfg. Co., Inc. ....	594	Acme Steel Co. ....	216	<b>TANK BALLS</b>	
Keystone Brass & Rubber Co. ....	717	<b>STRETCHERS, Wheel</b>		Durst Mfg. Co. ....	642
<b>STOPS &amp; WASTES, See Valves, Stops &amp; Wastes</b>		Colson Corp. ....	556	International Plumbing Mfg. Co., Inc. ....	594
<b>STOPS, Bench</b>		<b>STRETCHERS, Wire Fence</b>		Keystone Brass & Rubber Co. ....	717
Stanley Tools ....	174	Crescent Tool Co. (plier comb.) ....	241	Ritter-Carlton Co., Inc. ....	566
<b>STOPS, Door</b>		Diamond Calk Horseshoe Co. (plier comb.) ....	636	<b>TANK FITTINGS, FLOATS, RODS, Etc.</b>	
Grand Specialties Co. ....	408	Mid States Steel & Wire Co. ....	354	Durst Mfg. Co. ....	642
<b>STORE FIXTURES</b>		Northwestern Steel & Wire Co. ....	194	International Plumbing Mfg. Co., Inc. ....	594
W. C. Keller & Co. ....	400	Townsend, B. W. ....	420	Keystone Brass & Rubber Co. ....	717
<b>STOVE BOARDS</b>		Utica Drop Forge & Tool Corp. (plier combination) ....	78	Rockford Brass Works. ....	230
Reeves Steel & Mfg. Co. ....	384	<b>STRIPS, Door, Bottom Weather Sealing</b>		<b>TANKS, Stock</b>	
<b>STOVES, Cabin and Trailer</b>		W. J. Dennis & Co. ....	146	Milcor Steel Co. ....	343
Coleman Lamp & Stove Co. ....	152	Chamberlain Metal Weather Strip Co. ....	128	<b>TAPE, Cellulose, Mending</b>	
Quaker Mfg. Co. ....	498	Wirfs-Bosley Corp. ....	404	Minnesota Mining & Mfg. Co. ....	628
<b>STOVES, Camp</b>		<b>STRIPS, Lead</b>		<b>TAPE, Decorators'</b>	
Arch-Horne Co. (charcoal grill). ....	622	Alpha Metal & Rolling Mills, Inc. ....	570	Minnesota Mining & Mfg. Co. ....	628
Coleman Lamp & Stove Co. ....	152	<b>STRIPS, Weather, See Weatherstrip</b>		<b>TAPE, Friction</b>	
R. E. Miller, Inc. ....	716	<b>SUPPORTS, Clothesline</b>		Boston Woven Hose & Rubber Co. ....	379
Sandvik Saw & Tool Corp. ....	453	Stanley Works ....	350	Hazard Insulated Wire Works. ....	424
Turner Brass Works ....	318	<b>SWATTERS, Fly</b>		Okonite Co. ....	424
<b>STOVES, Kerosene</b>		Auburn Rubber Corp. ....	167	Plymouth Rubber Co., Inc. ....	420
Sandvik Saw & Tool Corp. ....	453	<b>SWEEPERS, Carpet</b>		Van Cleef Bros. ....	417
Swedish Optimus Co., Inc. ....	716	Bissell Carpet Sweeper Co. ....	417	<b>TAPE, Ladder</b>	
<b>STOVES, Table, Gasoline</b>		<b>SWINGS, Playground</b>		Samson Cordage Works. ....	514
Coleman Lamp & Stove Co. ....	152	Arch-Horne Co. ....	622	<b>TAPE, Rubber</b>	
<b>STOVES and RANGES, Bottled Gas</b>		<b>SWITCHES, Foot, electric</b>		Van Cleef Bros. ....	417
Coleman Lamp & Stove Co. ....	152	<b>SWIVELS, Chain</b>		<b>TAPE, Shelf Edging</b>	
<b>STOVES and RANGES, Coal and Wood</b>		Warren Axe & Tool Co. ....	488	Van Cleef Bros. ....	417
Allen Mfg. Co. ....	286	Willcox, Crittenden & Co. ....	434	<b>TAPE, Wall, Decorative</b>	
Gray & Dudley Co. ....	58			Van Cleef Bros. ....	417
Malleable Iron Range Co. ....	614				
<b>STOVES and RANGES, Electric</b>					
General Electric Co. ....	610				
Malleable Iron Range Co. ....	614				
Westinghouse Electric & Mfg. Co. ....					
Back Cover					

<b>TAPES, Measuring</b>		Page	<b>TIGHTENERS, Rope, Clothealine, etc.</b>		Page	<b>TOOLS, Garden</b>		Page
John H. Graham Co. (steel, linen)	426		Stanley Works	350		American Fork & Hoe Co.	263	
Keuffel & Esser Co. (steel)	592					Ames, Baldwin, Wyoming Co.	212	
Lufkin Rule Co. (steel & woven)	586					C. S. Norcross & Sons	326	
Master Rule Mfg. Co., Inc. (steel)	394		<b>TIMERS, Cooking</b>			Southington Hardware Co.	98	
Ritter-Carlton Co. (steel)	566		Vischer Products Co.	248		Union Fork & Hoe Co.	112	
L. S. Starrett & Co. (steel)	518							
Waterbury Lock & Specialty Co. (steel & woven)	286		<b>TIN, Pigs, Sheets, etc.</b>			<b>TOOLS, Garden, Hand Sets</b>		
			Belmont Smelting & Refining Wks., Inc.	632		Animal Trap Co. of America	392	
						Alfred Field & Co., Inc.	296	
						Southington Hardware Co.	98	
<b>TAPES, Oil Gaging</b>			<b>TIN WARE, Kitchen</b>			<b>TOOLS, Garden, Hand Sets, Toy</b>		
Lufkin Rule Co.	586		National Enameling & Stamping Co.	140		Arcade Mfg. Co.	576	
<b>TAPS, Shoe</b>								
Auburn Rubber Co.	167		<b>TINS, Bread and Cup Cake</b>			<b>TOOLS, Glaziers</b>		
Wilder & Co.	322		National Enameling & Stpg. Co.	140		Fletcher, Terry Co.	434	
						Landon P. Smith, Inc.	718	
<b>TAPS and DIES</b>			<b>TIPS, Chair, rubber</b>			<b>TOOLS, Hog Ring, Inserting</b>		
Greenfield Tap & Die Corp.	46		Elastic Tip Co.	322		H. H. Lindeman	480	
Henry L. Hanson, Inc.	322							
Morse Twist Drill & Machine Co.	102		<b>TIPS, Crutch</b>			<b>TOOLS, For Driving Glazier's Points</b>		
Standard Tool Co.	224		Elastic Tip Co.	322		Landon P. Smith, Inc.	718	
			International Plumbing Mfg. Co.	594				
<b>TAPS &amp; PLUGS, Electric</b>			Keystone Brass & Rubber Co.	717		<b>TOOLS, Hay, Unloading</b>		
General Electric Co.	618					F. E. Myers & Bro. Co.	446	
<b>TEETH, Harrow</b>			<b>TIRES, Automobile</b>			<b>TOOLS, Ignition</b>		
Lamson & Sessions Co.	548		Mansfield Tire & Rubber Co.	196		Bridgeport Hardware Mfg. Corp.	162	
<b>TELESCOPIC SIGHTS, rifle</b>						<b>TOOLS, Jack Combination</b>		
Lyman Gun Sight Corp.	570		<b>TOASTERS, Electric</b>			Templeton-Kenly & Co., Inc.	588	
			General Electric Co.	610		<b>TOOLS, Lathe</b>		
<b>TERMITE EXTERMINATOR</b>			Landers, Frary & Clark Co.	148		Armstrong Bros. Tool Co.	36	
Elco Mfg. Co.	480		Westinghouse Electric & Mfg. Co.	Back Cover				
<b>THERMOMETERS</b>						<b>TOOLS, Logging</b>		
American Thermometer Co.	294		<b>TONGS, Blacksmith's</b>			American Logging Tool Co.	576	
			Stanley Tools	174		Peavey Mfg. Co.	630	
<b>THERMOMETERS, Cooking</b>			<b>TONGS, Chinker</b>			Warren Axe & Tool Co.	488	
American Thermometer Co.	294		Farrell-Cheek Steel Co.	434		<b>TOOLS, Patching (combined square &amp; trowel)</b>		
<b>THERMOMETERS, Dairy</b>						Warner Mfg. Co.	372	
American Thermometer Co.	294		<b>TONGS, Skidding</b>			<b>TOOLS, Power, Home Workshop</b>		
<b>THERMOMETERS, Incubator &amp; Brooder</b>			American Logging Tool Co.	576		Arcade Manufacturing Co.	576	
American Thermometer Co.	294		<b>TOOLS, Automotive Repair</b>			Atlas Press Co.	472	
			Heller Bros. Co. (curved file)	260		Chicago Wheel & Mfg. Co. (hand)	70	
<b>THERMOMETERS, Industrial</b>						Power King Tool Corp.	360	
American Thermometer Co.	294		<b>TOOLS, Blacksmith</b>			Speedway Mfg. Co.	608	
			Henry Cheney Hammer Corp. (hammers)	584		Syncro Devices, Inc.	226	
<b>THERMOMETERS, Oven</b>			Stanley Tools	174		<b>TOOLS, Precision</b>		
American Thermometer Co.	294		Trow & Holden Co.	404		Goodell-Pratt	48	
<b>THERMOMETERS, Refrigerator, etc.</b>			Warren Tool Corp.	92		Lufkin Rule Company	586	
American Thermometer Co.	294		Warwood Tool Co.	496		Millers Falls Co.	48	
						L. S. Starrett Co.	518	
<b>THERMOMETERS, Refrigerator, car</b>			<b>TOOLS, Carpenters'</b>			<b>TOOLS, Pruning, See Saws, Pruning Shears, Lopping Shears, Pruning, Also Pruners, Tree</b>		
American Thermometer Co.	294		Alfred Field & Co., Inc.	296		<b>TOOLS, Reloading, Shot Shell</b>		
			Goodell-Pratt	48		Lyman Gun Sight Corp.	570	
<b>THERMOMETERS, Temp-plate</b>			Great Neck Saw Mfrs., Inc.	652		<b>TOOLS, Stone Cutters</b>		
American Thermometer Co.	294		Greenlee Tool Co.	42		Trow & Holden Co.	404	
			Millers Falls Co.	48		Warren Tool Corp.	92	
<b>THERMOMETERS, Window</b>			Ritter-Carlton Co.	566		Warwood Tool Corp.	496	
American Thermometer Co.	294		Sandvik Saw & Tool Corp.	53		<b>TOOLS, Tire</b>		
			Southington Hardware Co.	98		Bridgeport Hardware Mfg. Corp.	162	
<b>THERMOSTATIC CONTROL, for oil heaters</b>			Stanley Tools	174		<b>TOOLS, Turning</b>		
Automatic Products Co.	516		James Swan Co.	352		Armstrong Bros. Tool Co. (metal)	36	
			Union Hardware Co.	552		Henry Disston & Sons, Inc.	436	
<b>THIMBLES, Flue</b>			Winsted Edge Tool Works	488		Alfred Field & Co., Inc.	296	
Majestic Co.	134		<b>TOOLS, Cement and Plastering, etc.</b>			Greenlee Tool Company	42	
			E. C. Atkins & Co.	94		Goodell-Pratt	48	
<b>THIMBLES, Wire &amp; Manila Rope</b>			John H. Graham & Co., Inc.	426		Millers Falls Co.	48	
Edward W. Daniel Co.	302		Mayes Bros. Tool Mfg. Co.	280		Sandvik Saw & Tool Co.	453	
Upton-Walton Co.	550		Sands Level & Tool Co.	60		James Swan Co.	352	
Wilcox, Crittenden & Co.	434		Southington Hardware Co.	98		Winsted Edge Tool Works	488	
			Stearns & Co., E. C.	510		<b>TOOLS, Woodcarving</b>		
<b>THREADERS, Pipe</b>			<b>TOOLS, Electric</b>			Chicago Wheel Mfg. Co. (electric)	70	
Armstrong Bros. Tool Co.	36		Chicago Wheel & Mfg. Co. (comb. grinder, polisher, carver, etc.)	70		Alfred Field & Co., Inc.	296	
Greenfield Tap & Die Corp.	46		Goodell-Pratt	48		Goodell-Pratt	48	
Henry L. Hanson, Inc.	322		Millers Falls Co. (drills)	48		Millers Falls Co.	453	
Ridge Tool Co.	234		Speedway Mfg. Co. (comb. grinder, polisher, carver, etc.)	608		Sandvik Saw & Tool Co.	453	
						James Swan Co.	352	
<b>THRESHOLDS, Metal</b>			<b>TOOLS, Fence</b>			Winsted Edge Tool Works	488	
Peerless Bronze & Aluminum Co.	504		Crescent Tool Co. (plier combination)	241		<b>TOOLS, Woodcarving</b>		
			Diamond Calk & Horseshoe Co. (plier comb.)	636		Chicago Wheel Mfg. Co. (electric)	70	
<b>THUMBTRACKS, See Tacks, Thumb</b>			B. W. Townsend (stretchers)	420		Alfred Field & Co., Inc.	296	
			Utica Drop Forge & Tool Co. (plier comb.)	420		Goodell-Pratt	48	
<b>TIES, Bale</b>						Millers Falls Co.	48	
Bethlehem Steel Co.	256		<b>TOOLS, Forged, See Chisels, Cold &amp; Punches</b>			Sandvik Saw & Tool Corp.	453	
Continental Steel Corp.	284					<b>TORCHES, Blow</b>		
Keystone Steel & Wire Co.	412		<b>TOOLS, Furnace</b>			Otto Bernz Co., Inc.	508	
Mid-States Steel & Wire Co.	354		Farrell-Cheek Steel Co.	434		Clayton & Lambert Mfg. Co.	300	
Northwestern Steel & Wire Co.	194					Turner Brass Works	318	
Republic Steel Corp.	374							



TORCHES, Blow, Hose Extension		TRELLISES		TWINE	
	Page		Page		Page
Otto Bernz Co., Inc.	508	Indiana Steel & Wire Co.	402	American Mfg. Co.	490
<b>TORCHES, Contractors'</b>		<b>TRESTLES, Extension, Scaffolding</b>		Geo. B. Carpenter & Co.	460
Embury Mfg. Co.	462	W. W. Babcock Co.	476	Columbian Rope Co.	180
Toledo Pressed Steel Co.	296	Putnam & Co.	476	Samson Cordage Works	514
<b>TORCHES, Road Side, Oil</b>		<b>TRICYCLES</b>		<b>TWINE, Binder</b>	
Embury Mfg. Co.	462	Colson Corp.	556	American Mfg. Co.	490
Toledo Pressed Steel Co.	296	<b>TRIMMERS, Hedge, Electric</b>		Geo. B. Carpenter & Co.	460
<b>TORCHES, Warning Signal</b>		Robertson Mfg. Co.	300	Columbian Rope Co.	180
Embury Mfg. Co.	462	<b>TRIMMERS, Lawn Edge</b>		<b>UNLOADERS, Hay</b>	
Toledo Pressed Steel Co.	296	Granite State Mowing Machine	322	F. E. Myers & Bro. Co.	446
<b>TOWEL BARS</b>		Imperial Bit & Snap Co.	118	<b>UTENSILS, Kitchen</b>	
American Enameled Products Co.	616	<b>TRIMMERS, Tree, See Pruners, Tree</b>		Everedy Co. (chrome)	144
Columbia Metal Box Co.	150	<b>TROUGHS, Eaves &amp; Accessories</b>		National Enameling & Stamping	140
Miami Cabinet Div.	324	Milcor Steel Co.	343	Co.	140
<b>TOYS</b>		Mid States Steel & Wire Co.	354	Republic Steel Corp. (stainless	374
Arcade Mfg. Co. (cast iron)	576	Republic Steel Corp.	374	steel & enamel)	374
Auburn Rubber Corp. (autos,	167	<b>TROUGHS, Water</b>		<b>VACUUM CLEANERS, See Cleaners,</b>	
soldiers, circus farm animals)	167	Buch Mfg. Co.	492	<b>Vacuum</b>	
Barr Rubber Products Co.	240	<b>TROWELS, Garden</b>		<b>VALVE LIFTERS</b>	
Chicago Roller Skate Co.	178	Animal Trap Co. of America	392	Bridgeport Hardware Mfg. Corp.	162
Cleveland Model & Supply Co.	528	Alfred Field & Co., Inc.	296	<b>VALVES, Radiator</b>	
(model airplane, auto, railroad	528	Southington Hardware Co.	98	Durst Mfg. Co., Inc.	642
& ship kits)	528	<b>TROWELS, Plasterers', Bricklayers',</b>		International Plumbing Mfg.	594
Colson Corp. (bicycles, children's	556	<b>etc.</b>		Co., Inc.	594
vehicles)	556	Atkins & Co., E. C.	94	Keystone Brass & Rubber Co.	717
Draper-Maynard Co. (sports	406	Bridgeport Hardware Mfg. Corp.	162	<b>VALVES, Stops and Wastes</b>	
equipment)	406	Henry Disston & Sons, Inc.	436	Durst Mfg. Co.	642
Gund Mfg. Co. (stuffed toys)	444	Eagle Mfg. Co.	494	International Plumbing Mfg.	594
D. P. Harris Hardware & Mfg.	390	John H. Graham & Co., Inc.	426	Co., Inc.	594
Co. (roller skates & bicycles)	390	Southington Hardware Co.	98	Rockford Brass Works	230
Alfred Johnson Skate Co. (ice	390	United Wire Goods Mfg. Co., Inc.	504	<b>VARNISH, Fishing Rod</b>	
skates)	390	Warner Mfg. Co. (special patch-	372	Triggs-Michael Co.	646
Iver Johnson Arms & Cycle	400	ing tool)	372	<b>VARNISHES, PAINTS, See Paints, Var-</b>	
Works (bicycle & wheel goods)	400	<b>TRUCKS, Bag</b>		<b>nishes, Etc.</b>	
Marble Arms & Mfg. Co. (scout	394	Buch Mfg. Co.	492	<b>VEHICLES, Children's</b>	
knives)	394	<b>TRUCKS, Dish</b>		Colson Corp.	556
Murray Ohio Mfg. Co. (bicycles)	171	Colson Corp.	556	Iver Johnson Arms & Cycle Wks.	400
A. I. Root Co. (letter blocks, toy	576	<b>TRUCKS, Hand</b>		<b>VELOCIPEDES</b>	
making kits)	576	Colson Corp.	556	Colson Corp.	556
Shelby Cycle Co. (bicycles)	310	<b>TRUCKS, Industrial, &amp; Platforms</b>		<b>VENTILATORS, Chimney Top,</b>	
Stampit Corp. (baseball, airplane,	318	Colson Corp.	556	<b>Revolving</b>	
electric speller games)	318	<b>TRUCKS, Motor</b>		Iwan Bros.	400
Synco Devices, Inc. (jig saws,	226	International Harvester Co. of	386	<b>VENTILATORS, Fan, Electric</b>	
horse racing & marble games,	226	America, Inc.	386	Majestic Co.	134
auto kit, gasoline motors)	226	<b>TRUCKS, Platform</b>		J. L. Skuttle Co.	584
Union Hardware Co. (roller and	552	Colson Corp.	556	Victor Electric Products, Inc.	600
ice skates)	552	<b>TRUCKS, Tray</b>		<b>VENTILATORS, Louvre, Steel</b>	
Westfield Mfg. Co. (bicycles)	266	Colson Corp.	556	Milcor Steel Co.	343
Winchester Repeating Arms Co.	268	<b>TUBES, Auto Tire</b>		<b>VENTILATORS, Window</b>	
(roller skates)	268	Mansfield Tire & Rubber Co.	196	Metalvent Corp. (for storm win-	716
<b>TRACK, Trolley (for Doors)</b>		<b>TUBES, Boiler</b>		National Screen Co.	142
Allith-Prouty, Inc.	72	Jos. T. Ryerson & Son, Inc.	420	Patent Novelty Co.	282
Coburn Trolley Track Co.	464	<b>TUBING, Aluminum</b>		<b>VENTS, for Storm Windows</b>	
Franz Mfg. Co.	448	Durst Mfg. Co., Inc.	642	Metalvent Corp.	716
McKinney Mfg. Co.	97	<b>TUBING, Copper</b>		<b>VERNIERS</b>	
National Mfg. Co.	88	Durst Mfg. Co., Inc.	642	L. S. Starrett Co.	518
Richards-Wilcox Mfg. Co.	122	<b>TUBING, Gas</b>		<b>VICES</b>	
Stanley Works	350	Keystone Brass & Rubber Co.	717	Armstrong Bros. Tool Co.	36
Western Products, Inc.	404	<b>TUBING, Rubber</b>		Atlas Press Co.	472
<b>TRACK LOCK (for Sliding Doors)</b>		Durst Mfg. Co., Inc.	642	Champion Hardware Co. (carpen-	486
Richards-Wilcox Mfg. Co.	122	<b>TUBS, Wash, Steel Galvanized</b>		ter's)	35
<b>TRANSOM LIFTERS</b>		Reeves Steel & Mfg. Co.	384	Columbian Vise & Mfg. Co.	658
Sargent & Co.	110	<b>TURNBUCKLES</b>		Fisher & Norris	48
<b>TRANSPLANTERS, Hand</b>		Edward W. Daniel Co.	302	Goodell-Pratt	302
Animal Trap Co. of America	392	National Mfg. Co. (screen door)	88	Luther Grinder & Tool Co.	48
Masters Planter Co.	580	Parker Wire Goods Co.	252	Millers Falls Co.	290
<b>TRAPS, Ant</b>		Upson-Walton Co.	550	National Sewing Machine Co.	174
Buckeye Glide Co.	480	Wilcox-Crittendon & Co.	434	Stanley Tools	174
Rotenone Products Co., Inc.	570	<b>TUBING, Rubber</b>		<b>VICES, Chain</b>	
<b>TRAPS, Game</b>		Durst Mfg. Co., Inc.	642	Armstrong Bros. Tool Co.	36
Animal Trap of America	392	<b>TUBS, Wash, Steel Galvanized</b>		<b>VICES, Pipe</b>	
Hawkins Co.	598	Reeves Steel & Mfg. Co.	384	Armstrong Bros. Tool Co.	36
<b>TRAPS, Mouse and Rat</b>		<b>TURNBUCKLES</b>		Columbian Vise & Mfg. Co.	35
Animal Trap Co. of America	392	Edward W. Daniel Co.	302	Ridge Tool Co.	234
McGill Metal Products Co.	453	National Mfg. Co. (screen door)	88	<b>VICES, Woodworking</b>	
<b>TRAPS (Plumbing)</b>		Parker Wire Goods Co.	252	Champion Hardware Co.	486
Durst Mfg. Co., Inc.	642	Upson-Walton Co.	550	Columbian Vise & Mfg. Co.	35
<b>TRAPS, Sink</b>		Wilcox-Crittendon & Co.	434	National Sewing Machine Co.	290
Durst Mfg. Co., Inc.	642	<b>TUBING, Rubber</b>		Richards-Wilcox Mfg. Co.	122
International Plumbing Mfg. Co.,	594	Durst Mfg. Co., Inc.	642	<b>VICES, Woodworking</b>	
Inc.	594	<b>TUBS, Wash, Steel Galvanized</b>		Champion Hardware Co.	486
Keystone Brass & Rubber Co.	717	Reeves Steel & Mfg. Co.	384	Columbian Vise & Mfg. Co.	35
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		Ridge Tool Co.	234
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	<b>VICES, Woodworking</b>	
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	Champion Hardware Co.	486
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	Columbian Vise & Mfg. Co.	35
Zoro Co.	566	Upson-Walton Co.	550	National Sewing Machine Co.	290
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	Richards-Wilcox Mfg. Co.	122
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		<b>VICES, Woodworking</b>	
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	Champion Hardware Co.	486
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		Columbian Vise & Mfg. Co.	35
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	Ridge Tool Co.	234
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		<b>VICES, Woodworking</b>	
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	Champion Hardware Co.	486
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	Columbian Vise & Mfg. Co.	35
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	National Sewing Machine Co.	290
Zoro Co.	566	Upson-Walton Co.	550	Richards-Wilcox Mfg. Co.	122
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	<b>VICES, Woodworking</b>	
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		Champion Hardware Co.	486
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	Columbian Vise & Mfg. Co.	35
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		Ridge Tool Co.	234
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	<b>VICES, Woodworking</b>	
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		Champion Hardware Co.	486
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	Columbian Vise & Mfg. Co.	35
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	National Sewing Machine Co.	290
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	Richards-Wilcox Mfg. Co.	122
Zoro Co.	566	Upson-Walton Co.	550	<b>VICES, Woodworking</b>	
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	Champion Hardware Co.	486
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		Columbian Vise & Mfg. Co.	35
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	Ridge Tool Co.	234
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		<b>VICES, Woodworking</b>	
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	Champion Hardware Co.	486
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		Columbian Vise & Mfg. Co.	35
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	National Sewing Machine Co.	290
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	Richards-Wilcox Mfg. Co.	122
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	<b>VICES, Woodworking</b>	
Zoro Co.	566	Upson-Walton Co.	550	Champion Hardware Co.	486
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	Columbian Vise & Mfg. Co.	35
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		Ridge Tool Co.	234
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	<b>VICES, Woodworking</b>	
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		Champion Hardware Co.	486
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	Columbian Vise & Mfg. Co.	35
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		Ridge Tool Co.	234
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	<b>VICES, Woodworking</b>	
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	Champion Hardware Co.	486
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	Columbian Vise & Mfg. Co.	35
Zoro Co.	566	Upson-Walton Co.	550	National Sewing Machine Co.	290
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	Richards-Wilcox Mfg. Co.	122
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		<b>VICES, Woodworking</b>	
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	Champion Hardware Co.	486
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		Columbian Vise & Mfg. Co.	35
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	Ridge Tool Co.	234
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		<b>VICES, Woodworking</b>	
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	Champion Hardware Co.	486
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	Columbian Vise & Mfg. Co.	35
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	National Sewing Machine Co.	290
Zoro Co.	566	Upson-Walton Co.	550	Richards-Wilcox Mfg. Co.	122
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	<b>VICES, Woodworking</b>	
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		Champion Hardware Co.	486
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	Columbian Vise & Mfg. Co.	35
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		Ridge Tool Co.	234
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	<b>VICES, Woodworking</b>	
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		Champion Hardware Co.	486
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	Columbian Vise & Mfg. Co.	35
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	National Sewing Machine Co.	290
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	Richards-Wilcox Mfg. Co.	122
Zoro Co.	566	Upson-Walton Co.	550	<b>VICES, Woodworking</b>	
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	Champion Hardware Co.	486
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		Columbian Vise & Mfg. Co.	35
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	Ridge Tool Co.	234
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		<b>VICES, Woodworking</b>	
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	Champion Hardware Co.	486
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		Columbian Vise & Mfg. Co.	35
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	National Sewing Machine Co.	290
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	Richards-Wilcox Mfg. Co.	122
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	<b>VICES, Woodworking</b>	
Zoro Co.	566	Upson-Walton Co.	550	Champion Hardware Co.	486
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	Columbian Vise & Mfg. Co.	35
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		Ridge Tool Co.	234
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	<b>VICES, Woodworking</b>	
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		Champion Hardware Co.	486
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	Columbian Vise & Mfg. Co.	35
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		Ridge Tool Co.	234
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	<b>VICES, Woodworking</b>	
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	Champion Hardware Co.	486
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	Columbian Vise & Mfg. Co.	35
Zoro Co.	566	Upson-Walton Co.	550	National Sewing Machine Co.	290
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	Richards-Wilcox Mfg. Co.	122
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		<b>VICES, Woodworking</b>	
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	Champion Hardware Co.	486
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		Columbian Vise & Mfg. Co.	35
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	Ridge Tool Co.	234
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		<b>VICES, Woodworking</b>	
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	Champion Hardware Co.	486
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	Columbian Vise & Mfg. Co.	35
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	National Sewing Machine Co.	290
Zoro Co.	566	Upson-Walton Co.	550	Richards-Wilcox Mfg. Co.	122
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	<b>VICES, Woodworking</b>	
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		Champion Hardware Co.	486
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	Columbian Vise & Mfg. Co.	35
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		Ridge Tool Co.	234
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	<b>VICES, Woodworking</b>	
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		Champion Hardware Co.	486
Harry Alter Co. (rubber)	580	Edward W. Daniel Co.	302	Columbian Vise & Mfg. Co.	35
<b>TRAYS &amp; COASTERS, Lithographed</b>		National Mfg. Co. (screen door)	88	National Sewing Machine Co.	290
Owens-Illinois Can Co.	190	Parker Wire Goods Co.	252	Richards-Wilcox Mfg. Co.	122
Zoro Co.	566	Upson-Walton Co.	550	<b>VICES, Woodworking</b>	
<b>TRAYS, Ice, Refrigerator</b>		Wilcox-Crittendon & Co.	434	Champion Hardware Co.	486
Harry Alter Co. (rubber)	580	<b>TUBING, Rubber</b>		Columbian Vise & Mfg. Co.	35
<b>TRAYS &amp; COASTERS, Lithographed</b>		Durst Mfg. Co., Inc.	642	Ridge Tool Co.	234
Owens-Illinois Can Co.	190	<b>TUBS, Wash, Steel Galvanized</b>		<b>VICES, Woodworking</b>	
Zoro Co.	566	Reeves Steel & Mfg. Co.	384	Champion Hardware Co.	486
<b>TRAYS, Ice, Refrigerator</b>		<b>TURNBUCKLES</b>		Columbian Vise & Mfg. Co.	35
Harry Alter Co. (rubber)	58				

<b>VITAMIN B 1, for Plants</b>	<b>Page</b>	<b>WATER HEATERS, see Heaters, Water</b>	<b>Page</b>	<b>WHEELS, Wire Brush</b>	<b>Page</b>
Acme Scientific Co. ....	658			Berea Abrasives .....	454
Jean MacLean .....	396			Luther Grinder & Tool Co. ....	302
National Oil Products Co. ....	258			Milwaukee Brush Mfg. Co. ....	238
<b>WAFFLE IRONS (Electric) See, Irons, Waffle</b>		<b>WATER SYSTEMS</b>		<b>WHIPS, Grass</b>	
<b>WAGONS, Steel, Coal &amp; Coke</b>		Delco Appliance Div. ....	538	North Wayne Tool Co. ....	376
Jackson Mfg. Co. ....	200	General Motors Sales Corp. ....	538	<b>WICKING, Cotton</b>	
<b>WARE, Chrome, Cooking</b>		Myers, F. E., & Bro. Co. ....	446	Geo. B. Carpenter & Co. ....	460
Everedy Co. ....	144	<b>WAX, Paraffin for Preserving, etc.</b>		<b>WICKS, Oil Stove and Range Burners</b>	
<b>WARE, Enamel</b>		Gulf Refining Co. ....	158	Asbestos Textile Co., Inc. ....	596
National Enameling & Stamping Co. ....	140	Socony-Vacuum Oil Co. ....	540	Raybestos-Manhattan, Inc. ....	364
<b>WARE, Galvanized</b>		<b>WAXES, Dance (powdered)</b>		Triplewear .....	218
National Enameling & Stamping Co. ....	140	Uncle Sam Chemical Co. ....	604	<b>WINDOW CLEANER, Spray, See Cleaner, Window, Spray</b>	
Reeves Steel & Mfg. Co. ....	384	<b>WAXES, Polish</b>		<b>WINDOW CLEANERS, SQUEEGEE</b>	
<b>WARE, Gift, See Gift Ware</b>		Donald Durham Co. ....	504	Greenview Mfg. Co. ....	160
<b>WARE, Lithographed</b>		Foy Paint Co., Inc. ....	448	<b>WINDOW SEATS, see Seats, Window</b>	
National Enameling & Stamping Co. ....	140	R. F. Johnston Paint Co. ....	444	<b>WINDOWS, Basement</b>	
Owens-Illinois Can Co. ....	190	Minnesota Mining & Mfg. Co. ....	628	Majestic Co. ....	134
Zoro Co. (coasters & trays) ...	566	O-Cedar Corp. ....	135	<b>WIRE ASSORTMENTS</b>	
<b>WARE, Tin</b>		Socony-Vacuum Oil Co. ....	540	Indiana Steel & Wire Co. ....	402
National Enameling & Stamping Co. ....	140	Tamms Silica Co. (in colors) ..	522	<b>WIRE, Barbed</b>	
<b>WASHERS, Brass, Copper, Aluminum</b>		Uncle Sam Chemical Co., Inc. ..	604	American Steel & Wire Co. ....	336
Pheoll Mfg. Co. (brass) ....	364	<b>WAXES, Polish, Auto</b>		Columbia Steel Co. ....	336
Wrought Washer Mfg. Co. (brass and copper) .....	286	Gulf Refining Co. ....	158	Continental Steel Corp. ....	284
<b>WASHERS, Electric</b>		<b>WEANERS, Calf</b>		Indiana Steel & Wire Co. ....	402
General Electric Co. ....	610	Imperial Bit & Snap Co. ....	118	Keystone Steel & Wire Co. ....	412
Landers, Frary & Clark Co. ....	148	F. D. Kees Mfg. Co. ....	356	Mid-States Steel & Wire Co. ....	354
Westinghouse Electric & Mfg. Co. ....	Back Cover	Quinn Wire & Iron Works ....	632	Northwestern Steel & Wire Co. ....	194
<b>WASHERS, Faucet Assortments</b>		<b>WEATHERSTRIP</b>		Republic Steel Corp. ....	374
Durst Mfg. Co., Inc. ....	642	Chamberlain Metal Weather Strip Co., Inc. ....	128	Tenn. Coal, Iron & R. R. Co. ....	336
International Plumbing Mfg. Co., Inc. ....	594	W. J. Dennis & Co. ....	146	U. S. Steel Corp. ....	336
Keystone Brass & Rubber Co. ....	717	Wirfs-Bosley Corp. ....	404	<b>WIRE, Picture</b>	
<b>WASHERS, Faucet</b>		<b>WEDGES, Steel, Lumbering</b>		E. H. Tate Co. ....	544
Durst Mfg. Co., Inc. ....	642	Warren Axe & Tool Co. ....	488	<b>WIRE, Smooth, Coils</b>	
International Plumbing Mfg. Co., Inc. ....	594	Warren Tool Corp. ....	92	Continental Steel Corp. ....	284
Keystone Brass & Rubber Co. ....	717	<b>WEDGES (Tool Handle)</b>		Indiana Steel & Wire Co. ....	402
<b>WASHERS, Finishing</b>		Landon P. Smith, Inc. ....	718	Northwestern Steel & Wire Co. ....	194
Continental Screw Co. ....	346	Standard Belt Fastener Co. ....	644	E. H. Tate Co. ....	544
Wrought Washer Mfg. Co. ....	286	<b>WEDGES and SHIMS, See Shims and Wedges</b>		Wickwire Bros. ....	85
<b>WASHERS, Iron, Malleable &amp; Wrought</b>		<b>WEDGES and SLEDGES, See Sledges &amp; Wedges</b>		<b>WIRE, Spool</b>	
C. Hager & Sons Hinge Mfg. Co. ....	306	<b>WEED CUTTERS, see Cutters, Weed</b>		E. H. Tate Co. ....	544
Russell, Burdall & Ward Bolt & Nut Co. ....	316	<b>WEED KILLER, Hand, Chemical</b>		<b>WIRE, Stove Pipe</b>	
Jos. T. Ryerson & Son, Inc. ....	420	National Specialty Co. ....	238	Reynolds Wire Co. ....	62
Stanley Works .....	350	<b>WEED PULLER, See Pullers, Weed</b>		E. H. Tate Co. ....	544
Wrought Washer Mfg. Co. ....	286	<b>WEEDERS</b>		<b>WIRE, Welded Fabric</b>	
<b>WASHERS, Lock</b>		Alfred Field & Co., Inc. (hand forks) .....	296	Cyclone Fence Co. ....	410
Beall Tool Co. ....	464	Norcross & Sons, C. S. ....	326	Keystone Steel & Wire Co. ....	412
Continental Screw Co. ....	346	Southington Hdwe. Co. ....	98	Pittsburgh Steel Co. ....	205
Geo. K. Garrett Co., Inc. ....	330	<b>WEIGHTS, Chest, Gymnasium</b>		Standard Fence Co. ....	410
National Screw & Mfg. Co. ....	202	Arch-Horne Co. ....	622	U. S. Steel Corp. ....	410
Wrought Washer Mfg. Co. ....	286	<b>WHEELBARROWS</b>		Wickwire Bros. ....	85
<b>WASHERS, Pump</b>		Buch Mfg. Co. ....	492	<b>WIRE CLOTH, Screening, Window &amp; Door</b>	
International Plumbing Mfg. Co., Inc. ....	594	Jackson Mfg. Co. ....	200	American Wire Fabrics Co. ....	470
<b>WASHING MACHINES, See Washers, Electric</b>		<b>WHEEL KNIVES, Paperhanger's</b>		Cyclone Fence Co. ....	410
<b>WASTE, Cotton</b>		Landon P. Smith, Inc. ....	718	Gilbert & Bennett Mfg. Co. ....	352
Geo. B. Carpenter & Co. ....	460	<b>WHEELS, Brush, Fibre</b>		Hanover Wire Cloth Co. ....	546
<b>WASTES, See Valves, Stops &amp; Wastes</b>		Berea Abrasives .....	454	C. O. Jelliff Mfg. Corp. ....	602
<b>WATCHES, Pocket</b>		Luther Grinder & Tool Co. ....	302	New York Wire Cloth Co. ....	320
New Haven Clock Co. ....	326	<b>WHEELS, Buffing</b>		Pennsylvania Woven Wire Co. ....	418
<b>WATCHES, Wrist</b>		Berea Abrasives .....	454	Reynolds Wire Co. ....	62
New Haven Clock Co. ....	326	Luther Grinder & Tool Co. ....	302	Standard Fence Co. ....	410
<b>WATERS, Hog</b>		<b>WHEELS, Grinder, Tip Mounted</b>		U. S. Steel Corp. ....	410
Quinn Wire & Iron Works ....	632	Chicago Wheel & Mfg. Co. ....	70	Wickwire Bros. ....	85
<b>WATERERS, Poultry</b>		Speedway Mfg. Co. ....	608	Wickwire Spencer Steel Co. ....	470
Quinn Wire & Iron Works ....	632	<b>WHEELS, Grinding</b>		<b>WIRE CLOTH, Strainer &amp; Sifter, See Strainer Cloth</b>	
Superior Mfg. Co. ....	632	Berea Abrasives .....	454	<b>WIRE GOODS, Brass</b>	
		Carborundum Co. ....	44	Brook & Sons, M. S. ....	464
		Luther Grinder & Tool Co. ....	302	Parker Wire Goods Co. ....	252
		<b>WHEELS, Pipe Cutter</b>		<b>WIRE GOODS, Bright, See Bright Wire Goods</b>	
		Armstrong Bros. Tool Co. ....	36	<b>WIRE ROPE, See Rope, Wire</b>	
		<b>WHEELS, Roller Skate, Replacement</b>		<b>WIRE ROPE, Sockets, See Sockets, Wire Rope</b>	
		Chicago Roller Skate Co. ....	175	<b>WIRE ROPE, Thimbles</b>	
		<b>WHEELS, Wheelbarrow, Rubber Tired</b>		Upson-Walton Co. ....	550
		French & Hecht, Inc. (solid & pneumatic) .....	588	<b>WIRE STRETCHERS, Fence, See Stretchers, Wire Fence</b>	

<b>WIRING DEVICES</b>	Page	<b>WRENCHES, Chain</b>	Page	<b>WRENCHES, Screw</b>	Page
General Electric Co.....	618	Armstrong Bros. Tool Co.....	36	Barcalo Mfg. Co.....	620
<b>WOOD PRESERVATIVE, See Preservative, Wood</b>		<b>WRENCHES, Key (for hollow screws)</b>		Ritter-Carlton Co., Inc.....	566
<b>WOODWORKING TOOLS, Power, See Tools, Power, Home Workshop</b>		Allen Mfg. Co.....	102	<b>WRENCHES, Socket</b>	
<b>WRENCHES, Adjustable</b>		<b>WRENCHES, Open End</b>		Armstrong Bros. Tool Co.....	36
Barcalo Mfg. Co.....	620	Armstrong Bros. Tool Co.....	36	Indestro Mfg. Corp.....	47
Bridgeport Hardware Mfg. Co....	162	Barcalo Mfg. Co.....	620	Lowell Wrench Co.....	394
Crescent Tool Co.....	241	Bridgeport Hardware Mfg. Co....	162	<b>WRENCHES, Socket Sets</b>	
Diamond Calk Horseshoe Co.....	636	Indestro Mfg. Co.....	47	Armstrong Bros. Tool Co.....	36
Petersen Mfg. Co. (double lever)	376	Vlchek Tool Co.....	76	<b>WRENCHES, Spark Plug</b>	
Ritter-Carlton Co. ....	566	<b>WRENCHES, Open End, Clipped Sets</b>		Bridgeport Hardware Mfg. Corp.	162
Utica Drop Forge & Tool Corp... 78		Vlchek Tool Co.....	76	<b>WRENCHES, Tap</b>	
<b>WRENCHES, Back Up</b>		<b>WRENCHES, Pipe</b>		Greenfield Tap & Die Corp.....	46
Farrell Cheek Steel Co.....	434	Armstrong Bros. Tool Co.....	36	Henry L. Hanson, Inc.....	322
<b>WRENCHES, Box</b>		Ridge Tool Co.....	234	<b>WRENCHES, Tappet</b>	
Armstrong Bros. Tool Co.....	36	Stanley Tools .....	174	Armstrong Bros. Tool Co.....	36
Barcalo Mfg. Co.....	620	<b>WRENCHES, Pipe &amp; Nut Combination</b>		Vlchek Tool Co.....	76
Bridgeport Hardware Mfg. Corp.	162	<b>WRENCHES, Ratchet</b>		<b>WROUGHT IRON HARDWARE, See Hardware, Wrought Iron</b>	
Indestro Mfg. Corp.....	47	Armstrong Bros. Tool Co.....	36	<b>YARN, SHINGLE and LATH</b>	
Vlchek Tool Co.....	76	Indestro Mfg. Corp.....	47	Edwin H. Fittler Co.....	211
<b>WRENCHES, Box, Clipped Sets</b>		Lowell Wrench Co.....	394	<b>ZINC, Slabs, Sheets, etc.</b>	
<b>WRENCHES, Bridge Builders'</b>		<b>WRENCHES, Rim (Auto)</b>		Belmont Smelting & Refining	
Lowell Wrench Co.....	394	Vlchek Tool Co. (four way).....	76	Wks., Inc. ....	632
		<b>WRENCHES, "S," Clipped Sets</b>			
		Vlchek Tool Co.....	76		



# INDEX TO ADVERTISERS

THE ADVERTISERS INDEX is published as a convenience and not as a part of the advertising contract. Every care is taken to index correctly. No allowance will be made for errors or failure to insert.

In the following pages over five hundred manufacturers of hardware and kindred merchandise present their products to the trade. Realizing that the Buyer will be seeking definite information regarding particular products when using this Directory Number, manufacturers have sought to condense in their advertisements just the information that will enable the Buyer to specify their products. You will find this information constantly useful and, for your convenience, indexed by products on pages 3 to 30.

In writing to jobbers or manufacturers regarding any of this merchandise all doubt will be avoided if you mention that you are referring to the information as given in the Hardware Age Directory Number and *mention the page number*. Your jobber has this Directory Number in his file.

## A

	Page		Page
Accessories Mfg. Co.	640	Barr Rubber Products, Inc.	240
Ackermann-Steffan & Co.	304	Barrett Co., The	466
Acme Scientific Co.	658	Bartlett Mfg. Co.	500
Acme Shear Co.	512	Bassick Co., The	154
Acme Steel Co.	216	Bead Chain Mfg. Co., The	222
Adams Co., The	658	Beall Tool Div. (Hubbard & Co.)	464
Ade-O-Matic Co.	658	Belmont Smelting & Refining Works, Inc.	632
Adjustable Clamp Co.	348	Bemis & Call Co.	570
Air Force Plunger Co.	512	Berea Abrasives (Div. Cleveland Quarries Co.)	454
Ajax Bldg. Bracket Co.	286	Bernz Co., Otto	508
Akron Fishing Tackle Works	478	Bethlehem Steel Co.	256-257
Aladdin Industries, Inc.	80	Bissell Carpet Sweeper Co.	417
Allen Company, Inc., L. B.	512	Blaisdell Pencil Co.	520
Allen Mfg. Co., Hartford, Conn.	102	Bommer Spring Hinge Co.	508
Allen Mfg. Co., Nashville, Tenn.	286	Boston Woven Hose & Rubber Co.	379, 380-381, 382
Allith-Prouty, Inc.	72	Brewer Sewing Supplies Co.	464
Alpha Metal & Rolling Mills, Inc.	570	Bridgeport Hdwe. Mfg. Corp.	162
Alter Co., The Harry	480	Brooks & Porter, Inc.	622
American Agricultural & Chemical Co.	658	Brooks & Sons, M. S.	464
American Cabinet Hardware Corp.	199	Brown Corporation, W. R.	334-335
American Chain & Cable Co., Inc.	124-125	Brown & Sharpe Mfg. Co.	428
American Enameled Prods. Co.	616	Brush-Nu Company	480
American Fork & Hoe Co.	263, 264	Buch Mfg. Co.	492
American Logging Tool Company	576	Buckeye Glide Co., Inc.	480
American Mfg. Co.	490	Budd Mfg. Co., Edward G.	512
American Screw Company	104	Burnley Battery & Mfg. Co.	464
American Shearer & Mfg. Co.	82	Burton Mat Co.	632
American Steel Box Company	576		
American Steel & Wire Co.	336, 558		
American Swiss File & Tool Co.	472		
American Thermometer Co.	294		
American Thermos Bottle Co., The	126		
American Window Glass Co.	298		
American Wire Fabrics Corp.	470-471		
Ames, Baldwin, Wyoming Co.	212		
Animal Trap Co. of America	392-393		
Apex Coated Fabrics Co., Inc.	464		
Apex Oil Products Co.	192		
Arcade Mfg. Co.	576		
Arch-Horne Co.	622		
Archer, Daniels, Midland Co.	232		
Armour & Co.	74		
Armstrong Bray & Co.	468		
Armstrong Bros. Tool Co.	36		
Arvey Corp.	56		
Asbestos Textile Co.	596		
Atkins & Co., E. C.	94-95		
Atlas Press Co.	472		
Auburn Rubber Corp.	167		
Automatic Products Co.	516		
Autonator Laboratories, Inc.	632		
Autoyre Co.	168		

## B

Babcock Company, W. W.	476
Baker, McMillen Co.	640
Ballonoff Metal Products Co.	182
Barcalo Mfg. Co.	620

## C

C-A Wood Preserver Co.	480
Calbar Paint & Varnish Co.	500
Caldwell Mfg. Co.	480
Capewell Mfg. Co.	420, 658
Carborundum Co.	44-45
Carey Co., The Philip	482
Carnegie-Illinois Steel Corp.	558
Carpenter & Co., George B.	460
Carter Products Corp.	464
Cedar Hill Formulae Co.	480
Celluloid Corp.	574
Central Die Casting & Mfg. Co., Inc.	646
Chamberlin Metal Weatherstrip Co.	128
Champion Hardware Co., The	486
Cheney Hammer Corp., Henry	584
Chicago Lock Co.	120
Chicago Rawhide Mfg. Co.	640, 658
Chicago Roller Skate Co.	178
Chicago Spring Hinge Co.	508
Chicago Wheel & Mfg. Co.	70
Churchill Mfg. Co., Inc.	500
Clark Bros. Bolt Co.	484
Clark Mfg. Co., J. L.	508
Clark Co., The J. R.	64
Clayton & Lambert Mfg. Co.	300
Clemson Bros., Inc.	484
Cleveland Chain & Mfg. Co.	414
Cleveland Lock Works	492
Cleveland Model & Supply Co.	528
Cleveland Twist Drill Co., The	130

★ For Description of Products see Index starting on page 3 ★



## Index to Advertisers (Continued)

	Page
Cleveland Wire Spring Co.	480
Coburn Trolley Track Co.	464
Coldwell Lawn Mower Co.	372
Coleman Lamp & Stove Co.	152
Collins Co., The	520
Collins & Co., Geo. F.	622
Colson Corp., The	556
Columbia Metal Box Co.	150
Columbia Steel Co.	336, 558
Columbian Rope Co.	180
Columbian Vise & Mfg. Co.	35
Connecticut Valley Mfg. Co.	524
Consolidated Iron-Steel Mfg. Co., The	492
Continental Screen Co.	188
Continental Screw Co.	346
Continental Steel Corp.	284
Cook Co., The H. C.	480
Cordley & Hayes	468
Crescent Tool Co.	241, 242
Cross & Co., Inc., W. W.	236
Cunningham Co., M. E.	532
Curtis Saw Co.	500
Cushman & Denison Mfg. Co.	640
Cyclone Fence Co.	410

## D

Daniel Co., E. W.	302
Day Bait Co., The	570
DeLaval Separator Co., The	288
De Luxe Clock & Mfg. Co., Inc.	620
Delco Appl. Div. (General Motors Sales Corp.)	538
Deniston Co., The	330
Dennis & Co., W. J.	146
Detroit Metal Spinning Corp.	644
Diamond Calk Horseshoe Co.	636
Dickson Weatherproof Nail Co.	52
Dietz Co., R. E.	246-247
Disston & Sons, Inc., Henry	436-437
Dixon Crucible Co., Joseph	460
Domes of Silence	716
Dooroscope Co., Inc.	632
Draper-Maynard Co.	406
duPont de Nemours & Co., Inc., E. I.	362
Durable Mat Co.	632
Durham Co., Donald	504
Durst Mfg. Co., Inc.	642

## E

Eagle Lock Co.	580
Eagle Mfg. Co.	494
Eagle Rule Mfg. Corp.	468
Eclipse Machine Div.	532
Edlund Co.	156
Edmont Mfg. Co.	322
Elastic Tip Co.	322
Elco Mfg. Co.	480
Electrite Fence Co.	492
Electro-Line Fence Co.	608
Embury Mfg. Co.	462
Empire Level & Mfg. Co.	39
Energy Elevator Co.	606
Ensign-Bickford Co.	450
Enterprise Mfg. Co., The	478
Estwing Mfg. Co.	240
Evans Prod. Co.	554
Everedy Co., The	144
Evinrude Motors	442

## F

F & N Lawn Mower Co.	185
Farrell-Cheek Steel Co.	434
Fate-Root-Heath Co., The	444
Faultless Caster Corp.	275, 276-277, 278
Field & Co., Inc., Alfred	296
Fisher & Norris	658
Fittler Co., Edwin H.	211
Fletcher-Terry Co.	434
Flex-O-Glass Co.	116
Flexible Steel Lacing Co.	420

Flint Co., A. W.	457
Fox Shotguns	648
Foy Paint Co.	448
Frankelite Co., The	496
Franklin Glue Co.	612
Frantz Mfg. Co.	448
French & Hecht, Inc.	588
Frick-Gallagher Mfg. Co., The	492

## G

Gardiner Metal Co.	322
Gardner Mfg. Co.	574
Garrett Co., Inc., George K.	330
General Cement Mfg. Co.	322
General Electric Co.	
Bldg. Material & Wiring Div.	618
Full Line	610
Lamp Div.	432
Getty & Co., Inc., H. S.	322
Geyer Mfg. Co.	186
Giant Grip Mfg. Co.	622
Gibson Good Tools, Inc.	566
Gilbert & Bennett Mfg. Co., The	352
Gilbert Clock Corp., The Wm. L.	612
Gillespie Varnish Co.	640
Glass Coffee Brewer Corp.	434
Globe American Corp.	644
Goodyear Tire & Rubber Co., Inc.	312
Grabler Mfg. Co., The	370
Graham & Co., Inc., John H.	426
Graham Mfg. Company	480
Grand Specialties Company	408
Granite State Mowing Machine Co., The	322
Gray & Dudley Company	58
Great Neck Saw Manufacturers, Inc.	652
Greenfield Tap & Die Corp.	46
Greenlee Tool Company	42-43
Greenville Mfg. Company	160
Griffin Mfg. Company	396, 592
Gulf Refining Co.	158
Gund Mfg. Co.	444

## H

Hager & Sons Hinge Mfg. Co., C.	306
Halter Sons Co., Jacob	658
Hamlin Metal Products Co.	176
Hanover Wire Cloth Co.	546
Hanson, Inc., Henry L.	322
Hanson Scale Co.	658
Harrington & Richardson Arms Co.	108
Harris Hdwe. & Mfg. Co., D. P.	390
Hastings Canvas & Mfg. Co.	400
Hawkins Co., The	598
Hazard Insulated Wire Works	424
Heller & Co., W. C.	400
Heller Bros. Co.	260
Henschel Mfg. Co., C. B.	608
Hexacon Electric Co.	570
Hindley Mfg. Company	390
Hodell Chain Co.	604
Hoffman Company, H.	480
Hoppe, Inc., Frank A.	570
Horst Universal Sales Co.	306
Hotstream Heater Co., The	441
Hoyt & Worthen Tanning Corp.	480
Huenefeld Company	2

## I

Ideal Hanger Co.	492
Illinois Duster & Brush Co.	646
Imperial Bit & Snap Co.	118
Independent Lock Co.	458
Indestro Mfg. Corp.	47
Indiana Steel & Wire Co.	402
Ingersoll Steel & Disc Div., Borg Warner Corp.	164-165
International Harvester Co., Inc.	386
International Plumbing Mfg. Co.	594
Irwin Auger Bit Co.	67, 68
Iwan Brothers	400

## Index to Advertisers (Continued)

J		Page
Jackson Mfg. Co.	200	
Jay-Way Company	480	
Jelliff Co., C. O.	602	
Jennings Mfg. Co., The Russell	340	
Johnson Skate Co., Alfred	390	
Johnson's Arms & Cycle Wks., Iver	400	
Johnston Paint Co., The R. F.	444	
Justrite Mfg. Co.	356	
K		
K-R-O Company	480	
Kaene Machine Co., O. S.	480	
Kees Mfg. Co., F. D.	356	
Keiser Mfg. Company	716	
Keuffel & Esser Co.	592	
Keystone Brass & Rubber Co.	717	
Keystone Steel & Wire Company	412-413	
Klein & Sons, M.	618	
L		
Lamson & Sessions Co.	548	
Landers, Frary & Clark	148	
Larson Co., Chas. O.	656	
Lauson Co., The	600	
Lead Industries Association	328	
Le Page's, Inc.	441	
Levy, G. Anderson	480	
Libbey-Owens-Ford Glass Co.	634	
Lidseen, Inc., Gustave	628	
Lignum-Vitae Prod. Corp.	632	
Lincoln Engineering Co.	636	
Lincoln Schlueter Floor Mch. Co.	438	
Lindeman, H. H.	480	
Lindsay Light & Chemical Co.	640	
Little Giant Window Bracket Co.	632	
Lockwood Hdwe. Mfg. Co.	332	
Lowell Wrench Co.	394	
Lufkin Rule Co., The	586	
Luther Grinder & Tool Co.	302	
Lyman Gun Sight Corp., The	570	
M		
MacLean Vitamins, Jean	396	
Majestic Company	134	
Malleable Iron Range Co.	614	
Mansfield Tire & Rubber Co.	196	
Marble Arms & Mfg. Co.	394	
Master Rule Mfg. Co., Inc.	394	
Masters Planter Co.	580	
Mayer Bros. Tool Mfg. Co., Inc.	280	
McCormick Sales Co., The (Iron Glue Div.)	388	
McDowell Mfg. Co.	480	
McGill Metal Products Co.	453	
McGuire Co., Geo. W.	388	
McKinney Mfg. Co.	97	
Merrill Mfg. Corp.	622	
Metal Industries, Inc.	404	
Metal Textile Corp.	394	
Metavent Corp.	716	
Miami Cabinet Div. (The Philip Carey Co.)	324	
Mid-States Steel & Wire Co.	354-355	
Milcor Steel Co.	343, 344	
Millen Mfg. Co.	504	
Miller, Inc., Robert E.	716	
Millers Falls Co.	48-49	
Milwaukee Brush Mfg. Co., The	238	
Minnesota Mining & Mfg. Co.	628	
Modern Lighting & Equipment Co.	632	
Molded Specialties Co.	632	
Moore Push Pin Co.	388	
Morse Twist Drill & Machine Co.	102	
Moulton Ladder Mfg. Co.	338	
Murphy's Sons Co., Robert	608	
Murray-Ohio Mfg. Co., The	171, 172	
Myers & Bro. Co., The F. E.	446-447	
N		
National Carbon Co., Inc.	308	
National Die Casting Co.	572	
National Enameling & Stamping Co.	140	
National Lock Co., Inc.	244	
National Mfg. Co.	88-89	
National Oil Products Co.	258	
National Screen Co.	142	
National Screw & Mfg. Co.	202	
National Sewing Machine Co.	290	
National Specialties Co.	238	
National Twist Drill & Tool Co.	42	
New Haven Clock Co.	326	
New Standard Corp.	238	
New York Solder Co., Inc.	220	
New York Wire Cloth Co.	320	
Nicholson File Co.	40-41	
Noblitt-Sparks Industries, Inc.	132	
Norcross & Sons, C. S.	326	
North Bros. Mfg. Co.	37	
North Wayne Tool Co.	376	
Northwestern Steel & Wire Co.	194	
Norton Door Closer Co.	426	
Nu-Way Coupling Co.	632	
Nye, Inc., Wm. F.	390	
O		
O'Cedar Corp.	135, 136-137, 138	
Ohlen-Bishop Mfg. Co.	290	
Okonite Corp.	424	
Olt, Philip S.	390	
Owens-Illinois Can Co.	190	
Oxford Tool Co.	504	
P		
Pacific Plastic & Mfg. Co., Inc.	570	
Page Seed Co.	404	
Paine Co.	224	
Pal-Mos Mfg. Co.	640	
Park Sprinkler Mfg. Co.	238	
Parker-Kalon Corp.	106	
Parker-McCrory Mfg. Co.	364	
Parker Products, Inc.	464	
Parker Wire Goods Co.	252	
Patent Novelty Co., Inc.	282	
Peavey Mfg. Co.	630	
Pecora Paint Co.	314	
Peerless Bronze & Aluminum Co.	504	
Peerless Steel Equipment Co.	314	
Pennsylvania Woven Wire Co.	418	
Peters Cartridge Div., Remington Arms Co., Inc.	563	
Petersen Mfg. Co.	376	
Pflueger Fishing Tackle	478	
Phenix Mfg. Co., Inc.	428	
Pheoll Mfg. Co.	364	
Phoenix Rubber Company	390	
Pioneer Rubber Co.	376	
Pittsburgh Plate Glass Co. (Brush Div.)	388	
Pittsburgh Plate Glass Co. (Pennvernion Div.)	582	
Pittsburgh Steel Co.	205, 206-207, 208	
Plumb, Inc., Fayette R.	50	
Plymouth Cordage Co.	101	
Plymouth Rubber Co.	420	
Porcelain Products, Inc.	640	
Porter, Inc., H. K.	538	
Power King Tool Corp.	360	
Premax Products	360	
Premier Tool Works	504	
Prentiss Wabers Products Co.	91	
Prime Mfg. Co., The	220	
Progressive Mfg. Co.	376	
Putnam & Co., Inc.	476	
Q		
Quaker Mfg. Co.	498	
Quinn Wire & Iron Works	632	
R		
Rawlplug Company, The	444	
Raybestos-Manhattan, Inc. (Raybestos Div.)	364	
Ray-O-Vac Co.	474, 638	
Reeves Steel & Mfg. Co.	384	
Regina Corp.	580	
Relax Mfg. Co.	566	

## Index to Advertisers (Continued)

	Page
Remington Arms Co., Inc. ....	561, 562-563, 564
Republic Steel Corp. ....	374-375
Reynolds Wire Co. ....	62
Rich Ladder & Mfg. Co., The ....	254
Richards-Wilcox Mfg. Co. ....	122
Ridge Tool Co. ....	234
Ritter Carlton Co., Inc. ....	566
Rixford Mfg. Co. ....	566
Roberton Mfg. Co. ....	300
Roberts Novelty Corp. ....	504
Robertson Steel & Iron Co. ....	542
Rochester Sash Balance Co., Inc. ....	504
Rockford Brass Works, The ....	230
Rocky Mount Cord Co. ....	364
Rogers Isinglass & Glue Co. ....	406
Root Co., The A. I. ....	576
Rose Mfg. Co., Frank ....	352
Rotenone Products Co., Inc. ....	570
Rowell Mfg. Co. ....	632
Royal Self-Heating Iron Co. ....	504
Ruby Chemical Co. ....	352
Rugg Mfg. Co. ....	468
Russell, Burdsall & Ward Bolt & Nut Co. ....	316
Russell Harrington Cutlery Co. ....	590
Rverson & Sons, Inc., Joseph T. ....	420

**S**

Samson Cordage Works	514
Sand's Level & Tool Co.	60
Sandvik Saw & Tool Corp.	453
Sargent & Co.	110
Savage Arms Corp.	648
Schalk Chemical Co.	368
Schatz Mfg. Co.	526
Schlueter Mfg. Co.	114
Schollhorn Co., The Wm.	230
Schrade Cutlery Co.	504
Sentinel Radio Corp.	318
Sheffield Bronze Powder & Stencil Co., Inc.	404
Shelby Cycle Co., The	310
Shelby Spring Hinge Co.	318
Sherman Mfg. Co., H. B.	502
Sil Seat Mfg. Co., Inc.	622
Silex Co., The	596
Silver Lake Co.	652
Simonds Saw & Steel Co.	38
Simplex Mfg. Co.	420
Skilsaw, Inc.	310
Skuttle Co., J. L.	584
Smith, Inc., Landon P.	718-719
Smith & Son, Inc., Seymour	516
Socony-Vacuum Oil Co.	540
Sol-O-Lite Mfg. Co.	524
Southington Hdwe. Co.	98
Speedway Mfg. Co.	608
Stampit Corp.	318
Standard Belt Fastener Co., The	644
Standard Fence Co.	410
Standard Tool Co., The	224
Stanley Tools	174-175
Stanley Works, The	350-351
Starrett Co., L. S.	518
Sta-Tite Snath Co., The	214
Stay-Tite Prod. Co.	404
Stearns & Co., E. C.	510
Stevens Arms Co., J.	648
Stewart Iron Works Co., The	506
Stewart Mfg. Co., F. W.	622
Stover Mfg. & Engine Co.	282
Superior Fastener Corp.	632
Superior Mfg. Co.	632
Superior Spring Hinge Co.	504
Swan Company, James	352
Swing-Away Steel Prod. Co.	580
Synco Devices, Inc.	226

## T

Tamms Silica Co. ....	522
Tate Co., E. H. ....	544
Templeton Kenly & Co., Ltd. ....	588
Tennessee Coal, Iron & Railroad Co. ....	336

	Page
Testor Cement Co. ....	536
Thompson & Son Co., The Henry G. ....	358
Toledo Pressed Steel Co. ....	296
Townsend, B. W. ....	420
Townsend Lawn Mower Co., Samuel P. ....	226
Trico Fuse Mfg. Co. ....	390
Triggs-Michael Co. ....	646
Triplewear ....	218
Triplex Screw Co. ....	534
Trow & Holden Co. ....	404
Tubular Rivet & Stud Co. ....	292
Turner Brass Works ....	318
Turner, Day & Woolworth Handle Co., Inc. ....	644
Turner & Seymour Mfg. Co. ....	530

## U

Ultra Mfg. Co.	234
Uncle Sam Chemical Co., Inc.	604
Union Fork & Hoe Co., The	112-113
Union Hardware Co.	552
United Royalties Corp.	632
United States Steel Corp.	336, 410, 558
United Stove Company	338
United Wire Goods Mfg. Co., Inc.	504
Upson-Walton Co., The	550
Utica Drop Forge & Tool Co.	78
Utility Hardware Corp.	292

**Y**

Value Specialty Mfg. Co.	496
Van Cleef Bros.	417
Vaughan & Bushnell Mfg. Co.	398
Vaughan Novelty Mfg. Co., Inc.	496
Victor Electric Prods., Inc.	600
Vischer Products Co.	248
Vlcek Tool Co., The	76
Vulcan Electric Co.	646

**W**

Wall Rope Works, Inc.	292
Walton Company, The	632
Wappat, Fred W.	404
Warner Mfg. Company	372
Warren Axe & Tool Co.	488
Warren Telechron Co.	626
Warren Tool Corp.	92
Warwood Tool Company	496
Waterbury Lock & Specialty Co.	286
Wells Lamont Smith Corp.	622
Wellston Mfg. Co.	348
Wesbar Stamping Corp.	632
Western Cartridge Co.	366-367
Western Cataphote Corp.	457
Western Products, Inc.	404
Western Wire Products Co.	390
Westfield Mfg. Co., The	266
Westinghouse Electric & Mfg. Co.	720
Whiting & Davis Company	588
Wickwire Bros. Co.	85, 86
Wickwire Spencer Steel Co.	470, 471
Wilcox, Crittenden & Co., Inc.	434
Wilder & Company	322
Williams & Bowman Rubber Co.	588
Wilson Imperial Company	644
Winchester Repeating Arms Co.	268-269, 270-271, 272
Winsted Edged Tool Works, The	488
Winsted Mfg. Company	488
Wirfs-Bosley Corp.	404
Witt Cornice Co.	218
Wittliff Furniture Brace Co., The	632
Wood Shovel & Tool Co.	54
Wood Steel Co., Alan	578
Woodruff & Sons, Inc., F. H.	646
Wooster Brush Co.	250
Wright Steel & Wire Co., G. F.	293
Wrought Washer Mfg. Co.	286

## Y

**Yale & Towne Mfg. Co., The** ..... **422-423**

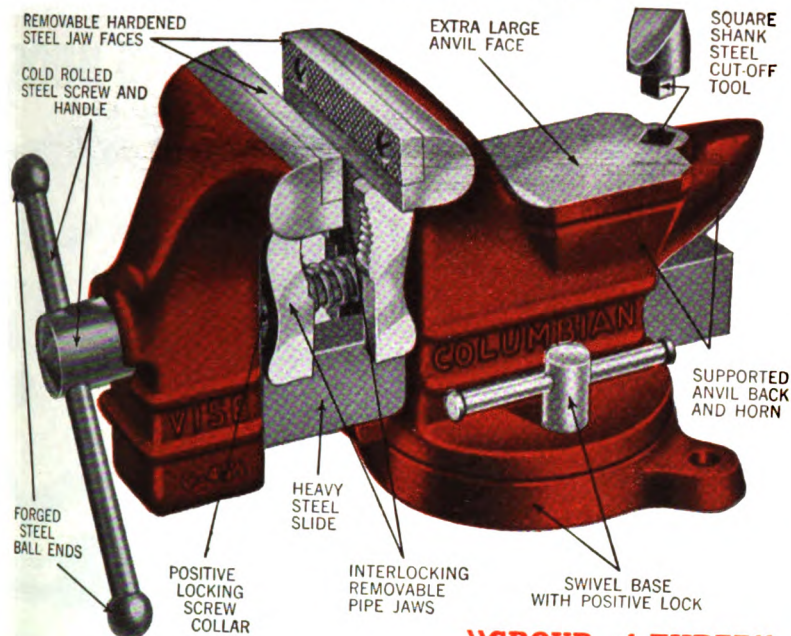
**Z**

Zagelmeyer Auto Camp Co. ....	504
Zoro Company .....	566



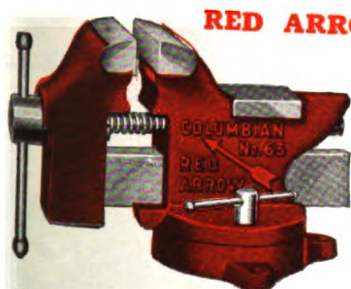
# COLUMBIAN VISES

The Columbian Line of Vises is complete and includes every type and size for Homeshop, Automotive, Industrial and School Shop Equipment.



## "GROUP OF THREE"

The "GROUP OF THREE" Homeshop Vises give dealers a range of popular sizes (3", 3½", and 4" jaw widths) to meet the demands of the retail trade. Finished in bright "Columbian Red" enamel with polished jaws and anvil, in attractive display cartons.

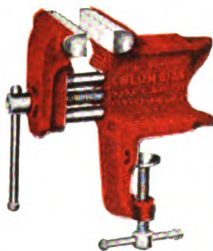


### RED ARROW

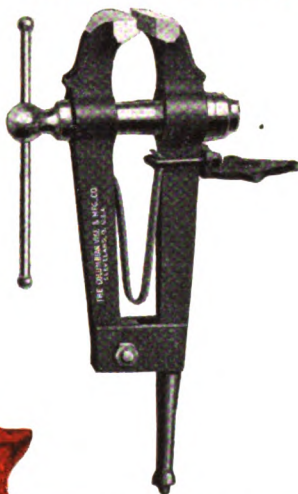
Columbian RED ARROW "Homeshop" Vises help dealers meet the demand for vises in a low price field. Three swivel base sizes - 3", 3½", and 4" jaw widths. Stationary base model in popular 3" size only.

### CLAMP BASE

Columbian CLAMP-BASE Vises are made with accurately machined and polished jaws, built-in pipe jaws and steel guide rods. Finished in "Columbian Red" enamel, as illustrated, and packed in attractive cartons. Three standard sizes - 2", 2½", and 3", jaw widths.

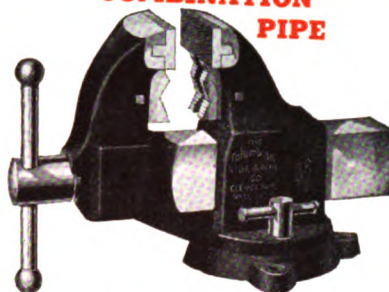


### STEEL LEG VISES

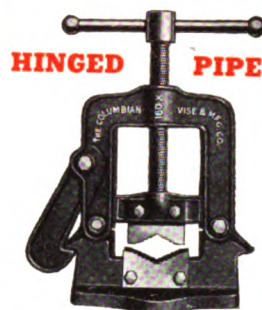


Jaws are drop forged from high carbon steel and heat treated to provide hard tough gripping surfaces. Six standard sizes - 4" to 8" jaw widths.

### COMBINATION PIPE



Columbian Malleable Iron COMBINATION PIPE Vises embody all the features of machinists' vises plus the convenience of reversible, interchangeable pipe jaws. Sizes 3½" to 6" jaw widths.



### HINGED PIPE

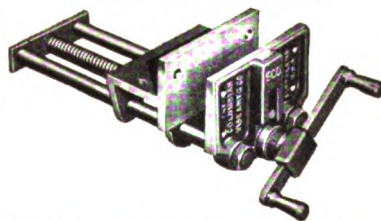
Columbian Malleable Iron HINGED PIPE Vises have self locking, unbreakable hooks, tool steel pipe jaws, cold rolled steel screws and handles. Sizes for holding pipe from 1½" up to 12".

### MACHINISTS



Columbian Malleable Iron MACHINISTS' VISES are guaranteed unbreakable! In addition to their exceptional strength, Columbian engineering has built into these vises the finest mechanical perfection and special features appreciated by users. Made in all standard sizes - 2½" to 8" jaw widths.

### WOODWORKERS



Columbian WOODWORKERS Vises. Both Rapid-acting and Continuous Screw types are furnished in two sizes - 7" and 10" jaw widths both 4" deep. Also smaller sizes for home workshop users.

Illustration shows continuous screw vise equipped with adjustable steel handle - held in position by a tension spring in screw-head. This handle increases speed of operation.

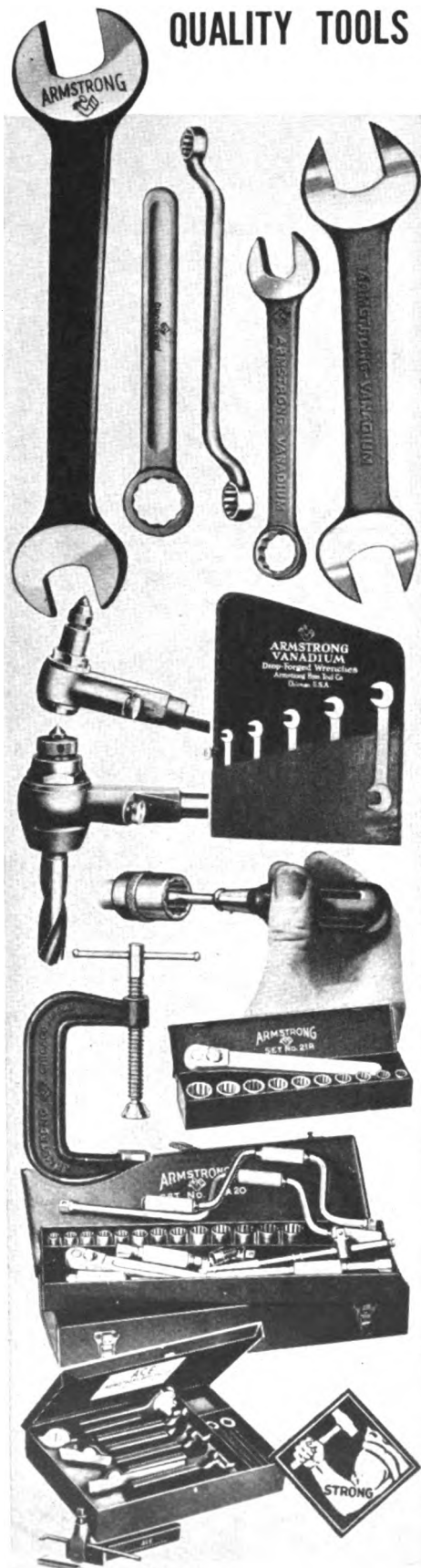
THE COLUMBIAN VISE and MANUFACTURING CO.  
9015 BESSEMER AVENUE CLEVELAND, OHIO  
THE WORLD'S LARGEST MAKERS OF VISES

# COLUMBIAN VISES



# ARMSTRONG

QUALITY TOOLS THAT BUILD BUSINESS



ARMSTRONG TOOLS attract quality tool buyers for among mechanics, machinists, artisans and craftsmen of all types, the Arm-and-Hammer trade mark is accepted as the hall mark of the finest tools obtainable. For the dealer they are the most profitable to sell. They are widely and continuously advertised, prices are protected, margins right, lines complete, need no fill-ins, and intelligent dealer helps are provided. Correctly designed, carefully balanced and beautifully finished each has many extra features that close sales.

## ARMSTRONG WRENCHES

More than 100 types, each in all sizes: Drop Forged Carbon Steel Wrenches. Open end and Socket wrenches finished in black enamel with heads ground bright and marked for size. (Singly or in Sets.) Drop Forged Chrome-Vanadium Wrenches, open end, box socket and automotive. Longer, lighter, thinner, stronger, chrome plated with buffed heads. (Singly or in sets.)

Detachable Head Socket Wrenches. Special Chrome-Vanadium Steel, with drop forged steel ratchets. Handle and extensions have patented ARMSTRONG Driveloek feature that prevent sockets and extensions from parting. The Driveloek works with all sockets, requires no special tools. (Singly or in sets in fitted steel case.) Also Hollow Screw Wrenches.

## ARMSTRONG RATCHET DRILLS

11 Types, all steel with hardened parts, also drop forged drilling posts.

## ARMSTRONG Drop Forged "C" Clamps

7 Types, all sizes including heavy duty, medium service, light service, deep throat and Tool Makers. Will not slip, spring or spread. Screws are of special steel.

## ACE LATHE TOOLS

As "The Tool Holder People," (ARMSTRONG TOOL HOLDERS are used in over 96% of the machine shops and tool rooms) ARMSTRONG naturally produces the tools for all quality lathes. The ACE Set was developed to exactly meet the requirements of the home workshop at the lowest price compatible with high quality, correct design and all around utility. Consisting of 8 drop forged tool holders, high speed steel cutters and tool wrenches in a fitted case, the ACE will do every metal cutting lathe operation. Only ARMSTRONG with ARMSTRONG special facilities could produce TOOL HOLDERS of this quality at ACE prices. 2 sizes fit all "home-craft" lathes. Individual Tool Holders also sold separately.

## "ARMSTRONG BROS." PIPE TOOLS

The most complete line of pipe tools manufactured. Usually distinguished as "The Better Pipe Tools," for each is an improved tool—improved in design, in balance and finish, with drop forged hardened or alloy steel parts wherever they will add to strength or tool life. Dies and chasers are of Vanadium tool steel with "backed-off" teeth—cut smoother, easier, hold their sharpness and come off pipe without tearing. The hinged vise has an unbreakable drop forged hook and replaceable tool steel jaws while the Chain Vises have patented 1-piece jaws. Pipe Cutters have hardened pins and rollers and other improvements that give them double life. All thru the line, more to sell and hence, more sales, more satisfaction and repeat business.

Always keep an ARMSTRONG C-39 Catalog on hand.

## ARMSTRONG BROS. TOOL CO.

"The Tool Holder People"  
314 N. Francisco Ave., Chicago, U.S.A.  
Eastern Warehouse and Sales:  
199 Lafayette St., New York

## ARMSTRONG BROS.





# ATTENTION....INTEREST....ACTION!

when you display the

## FAMOUS "YANKEE" Handyman LINE

The colorful sales-tested Merchandisers attract immediate attention wherever displayed! Nationally known, the "Yankee" Handyman name, backed by the long established "Yankee" reputation for quality tools, is your assurance of active sales.

"Yankee" Handyman Tools,—a new standard of value in the popular-priced field and their salesmaking Merchandisers, mean more profits for you!

**NORTH BROS. MFG. CO.**  
PHILADELPHIA, U. S. A.

"Yankee" Handyman  
Screw Driver No. 233H  
COMPLETE  
With Accessories In  
Magazine Handle

"Yankee" Handyman  
Screw Driver  
No. 133H and  
Merchandiser

"Yankee" Handyman  
Screw Driver No. 33H  
and Merchandiser

Accessory Pak  
No. 330H  
"Yankee"  
Handyman  
Chuck and  
3 Drills,  
Countersink  
and  $\frac{5}{32}$ " Blade  
for small screws

"Yankee" Handyman  
Screw Driver  
No. 2H  
Merchandiser

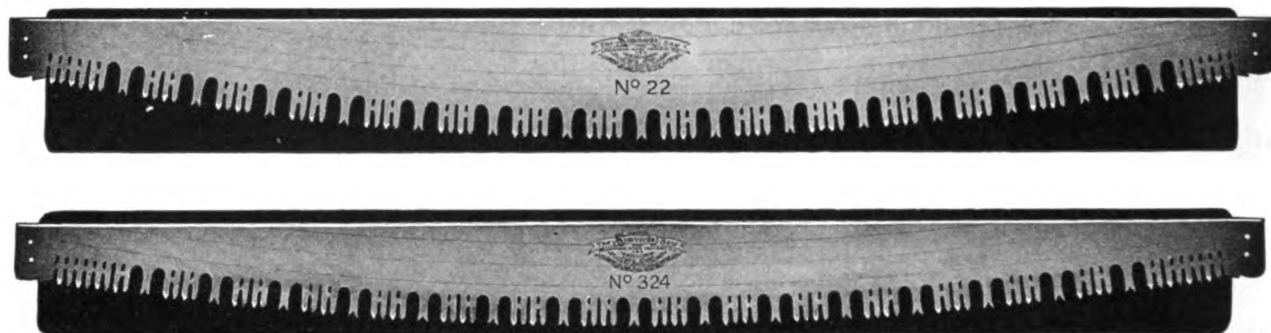
"Yankee" Handyman  
Chuck and  
3 Drills





# SIMONDS

## CRESCENT GROUND CROSS-CUT SAWS



Get the sales and profits you are entitled to by carrying a working stock of these saws. Ask about the styles and sizes most popular in your territory.

## RED TANG METAL SAW TOOTH FILES



Files of outstanding quality and cutting service trademarked with a bright RED TANG for easy identification. Write about open sales territories.

**Easy to Recognize**

**Easy to Remember**

**Easy to Sell**

**Standard Sizes**

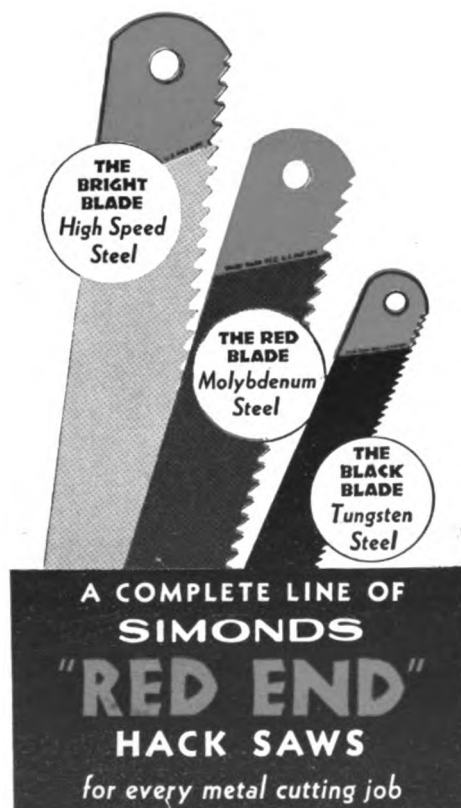
**Three Grades**

**Three Prices**

**ORDER THROUGH YOUR JOBBER. GET CATALOG.**

**SIMONDS SAW AND STEEL  
COMPANY**

**Established 1832 — Fitchburg, Mass.**



**Mention Hardware Age When Writing**

A COMPLETE LINE

# EMPIRE LEVELS



MAKES WORK EASIER

**TORPEDO LEVEL**

No. 26-E. Aluminum alloy—grooved bottom includes level with pitch graduations—plumb and 45°. Colored fluid vials. Polished top, satin-finished sides. 9" long. Weight ½ lb. Patented.

**POCKET LEVEL**

No. 28-E. Chrome Aluminum—Streamlined with pocket clip. Grooved bottom and sides for use on pipes. Proved level glass with pitch graduation. 5" long. Weight 1¾ ounces.

**LINE LEVEL**

No. 25-E. Hexagon aluminum body, polished, 3" long, proved vial with yellow fluid. Hooks designed to hold level secure to line. Flat bottom for surface use. Weight ½ ounce.

**ALUMINUM-BOUND MASON LEVEL • MAHOGANY**

No. 56-E. Fitted with patented vial holders which can be easily replaced or adjusted. The Stock is Honduras Mahogany. Finished Natural. Aluminum binding on corners and ends. Sizes 42" and 48". Weight 3 lbs.

**NARROW WALNUT LEVEL**

No. 666. Solid American Walnut—1 level, 1 plumb, Proved Vials. Brass trim—lacquered Natural. 2" wide x ¾" thick. Lengths: 12", 16", & 18". Weight each ½, ¾, & 1 lbs. in order listed.

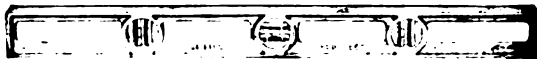
**ALUMINUM LEVEL**

No. 155. 2 levels, 2 plumbs, and 45° glass. Strong aluminum Alloy Frame, carefully machined. Solid Set vials. Black Trim. A very neat looking tool. Length 18", weight each 1 lb.

**Stock Up  
Now!  
Workers  
Want Them!**

**FOUR-GLASS LEVEL**

No. 381. Northern White Pine, 24" long. Sensitive proved vials with colored fluid. "V" shaped finger grips. Has a lustrous walnut finish with Blue and Gold Trim. Weight 1¼ lbs.

**ALUMINUM LEVEL SIX GLASS**

No. 156. 2 levels, 4 plumbs. Strong aluminum alloy frame. Precision machined. Solid set vials covered by protecting glasses. Black Trim. Sizes 24", 26", 28", & 30". Weight each 1¾, 1½, 2, & 2¼ lbs. in order listed.

**PLAIN MASON LEVEL**

No. 51-E. Genuine White Pine Stock 1¼" x 2¾". 2 levels & 4 plumbs. V-shaped finger grips. High and low plumb readings. Maroon enamel finish—Gray Trim. Sizes 42" and 48". Weight 1½ lbs.

**ALUMINUM MASON LEVEL**

No. 3-E. 42" long, 2 levels, 4 plumbs—easily repaired. Precision milled edges, highly polished. An exceptionally fine level for the most particular mechanic. Can be fitted with ground vials if desired. Frame section 1 3/32 x 2 5/16". Weight 3¾ lbs.

**INTERCHANGEABLE VIAL • ALUMINUM LEVEL**

No. 151-E. 6 glasses. Strong Aluminum alloy, cast in steel mould. Precision machined, parallel and straight to accuracy of .001". Carefully designed for greatest strength with least weight. Interchangeable vials provide for quick repairs. Vial case unit (No. 67-E) can be used for level, plumb, or 45° glass. Edges highly polished. Black trimming. Frame measures 1 3/16" x 2 5/16". Sizes 18", 24", 28", & 30". Weight each 1¾, 2, 2¼, & 2½ lbs.

★ Write for Catalog . . . Let EMPIRE Boost Your LEVEL PROFITS! ★

**EMPIRE LEVEL MFG. CO.****MILWAUKEE, WISC. U.S.A.****Contractors, Inspectors, and Good Mechanics DEMAND EMPIRE LEVELS**

Mention Hardware Age When Writing

"THAT'S MY PUSHER"

"When some one tries to tell me a hardware store's file market is limited to walk-in customers with files on their minds, it's like arguing that a fish can't swim up-stream. Shucks! All that's needed is a little 'push.'

"That's my motto. And here's my 'pusher'—the attractive sales-boosting Nicholson Display Unit. I figure that nine out of ten customers on the hunt for other merchandise need files and can be made prospects with a little reminding.

"The day I set this little 'pusher' where it could put its hypnotic influence to work, you should've seen my file sales shoot upward!"

Not a fairy tale, but based on actual examples where the use of the Nicholson or Black Diamond Display Unit has greatly increased—even doubled—file sales for hardware retailers.

Why not prove its sales-magic for yourself! You can't lose . . . the substantial display box costs you nothing, and the initial fill of files will be gone before you realize. Don't wait for your jobber's salesman to call . . . MAIL THE COUPON to us and we'll see that you get quick action.

NICHOLSON FILE CO., PROVIDENCE, R.I., U.S.A.  
(Also Canadian Plant, Port Hope, Ontario)



UNIT No. 46	UNIT No. 56	UNIT No. 66
6— 6" Mill Bastard	6— 6" Mill Bastard	12— 6" Mill Bastard
12— 8" Mill Bastard	18— 8" Mill Bastard	18— 8" Mill Bastard
8—10" Mill Bastard	8—10" Mill Bastard	12—10" Mill Bastard
8— 6" Slim Taper	12— 5" Extra Slim Taper	12— 6" Slim Taper
12— 6" Extra Slim Taper	12—5½" Dbl. Ext. Taper	12— 6" Extra Slim Taper
<b>\$7.84*</b>	<b>\$9.09*</b>	<b>\$11.41*</b>

\* Cost to you (standard list prices, less retailers' regular discount). BOX FREE. Brilliant colors. Blank spaces—to set your own selling prices. All files Cellophane-wrapped. Refills readily available.

**NICHOLSON**  
**FILES**



FOR EVERY  
PURPOSE

**NICHOLSON FILE CO.**

25 Acorn St., Providence, R. I.

Please see that I get, without delay, a Nicholson File Display Unit containing initial assortment Unit No. \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

My Jobber's Name \_\_\_\_\_

## ... and here are two fast-selling specialties you can't keep on your shelves

**NICHOLSON HANDY FILE** — Tens of thousands already sold! Single-cut teeth on one side, for sharpening edged tools and smooth-finish filing in general; double-cut teeth on other side, for fast stock removal. Just what people want for use around the house, on the farm, in the garage or shop!

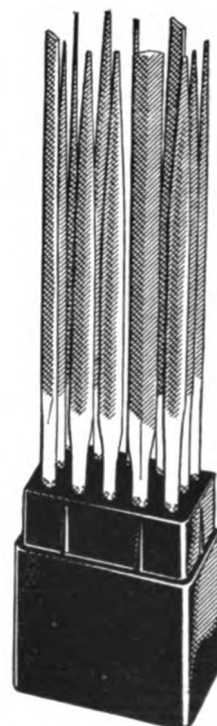
With 8-inch file length and flat safety handle, the Handy File attracts further with its hang-up and carrying convenience (no bulge—easily slipped into hip or leg pocket).

• *This eye-catching display carton holds a dozen unique and colorful Nicholson or Black Diamond Handy Files. Small investment. Profitable mark-up. Quick turnover. Order from your jobber.*



**NICHOLSON XF SWISS PATTERN FILES** — Pride of the craftsman! One of the neatest and handiest file sets that ever graced the work-bench or tool-kit of the home-crafter, hobbyist, inventor, model maker, electrician, precision-mechanic or vocational-training student! ... Twelve assorted shapes in beautiful colored plastics case with stand-up base. Order from your jobber.

**MORE THAN 3000 TYPES, SHAPES AND SIZES** in the Nicholson line of files. ... *A file for every purpose—and Twelve perfect files in every dozen!*  
NICHOLSON FILE CO., PROVIDENCE, R. I., U. S. A.  
(Also Canadian Plant, Port Hope, Ontario)



### THREE TYPES—12 SHAPES EACH

**Knurled Handle Needle Files** — sizes 4", 4 3/4", 5 1/2", 6 1/4"; cuts 0, 2, 4, 6.

**Die-sinker Files** — size 3 1/2"; cuts 0, 1, 2.

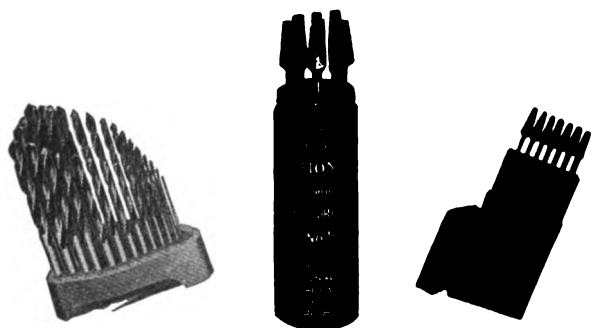
**Bench-filing Machine Files** — sizes 3 1/4" x 1/4", 3 1/4" x 1/8"; cuts 00, 0, 2.

**Mention Hardware Age When Writing**



# NATIONAL

**First Quality  
TOOLS**



A Complete Line  
of Twist Drills, Reamers, Milling Cutters,  
Counterbores, Hobs and Special Tools for  
Factory, Work Shop and Home Requirements



**NATIONAL**  
**TWIST DRILL & TOOL CO.**  
Detroit, U.S.A.

Tap & Die Division  
WINTER BROS. CO., Wrentham, Mass.



Selections from the more important  
classes of tools in the Greenlee Line  
are shown here. They are the ones that  
find a most ready market in the store  
that handles quality tools. It will pay  
you to study their profit-making possi-  
bilities.

## SPIRAL SCREW DRIVERS



**Completely  
Enclosed**

Dirt can't get in, oil can't get out, and  
the user can't pinch his fingers. That's  
because the spiral is fully enclosed at  
all times. Adjustments are convenient  
and parts are made to stand wear.  
Made in three sizes, with and without  
spring return.

## AUTOMATIC PUSH DRILL



**Two Styles  
of Handles**

Both handles serve as magazines for  
eight drill points, which are readily  
accessible by turning the metal cap.  
One is of wood with a transparent  
ring next to the cap, and the other  
is fully transparent. An attractive,  
sturdy tool.

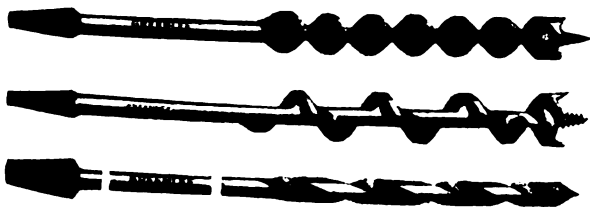
**TOOLS THAT STAY *Sold!***

Mention Hardware Age When Writing

Digitized by Google

for **WORKING WOOD***Easy to Sell  
and They Stay Sold!***EXPANSIVE BITS****Three Styles  
To Choose From**

The Setfast Bit is shown here, because of its quick-adjusting and locking features. A plain type and a screw-adjusting type can also be had. All Greenlee Expansive Bits are known for their ability to cut rapidly and clear chips freely.

**AUGER BITS and DRILLS****A Type For Every Need**

The Greenlee Line includes auger bits with all types of twist and heads to meet every need from cabinet work to electrical construction, also drills in various sizes and lengths. Why not concentrate your buying on this quality line?

**BIT EXTENSIONS****They Always  
Stay Locked**

Greenlee Bit Extensions are so designed that the bit will never be lost in the work. Made in two sizes for driving bits up to 1" and 2" and will follow  $\frac{5}{8}$ " and  $1\frac{1}{4}$ " bits respectively. All exposed parts are nickel plated, except the square.

**CAR BITS and SHIP AUGERS****A Complete Line**

Car bits occupy a prominent place in the complete line of Greenlee boring tools, and they are offered in a large number of styles, sizes and lengths. Included, too, are ship augers, ring augers, rafting augers, nut augers, etc.

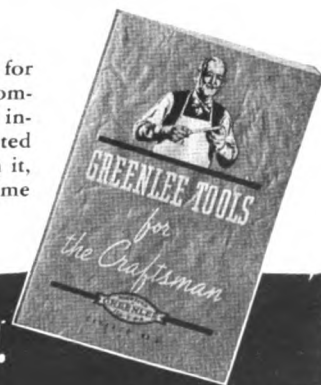
**CHISELS and GOUGES****For All  
Classes of Work**

Chisels for all work from carpentry to cabinet making and from pole framing to tree surgery. These include the popular types of socket tools as well as tang butt and firmer chisels and socket framing chisels. And various gouges, too.

**TURNING TOOLS****Regular and Short Types**

Greenlee Turning Tools have long been known for their ability to stand up under hard work. Standard tools consist of chisels, gouges, and parting tools, all with 7" to 8" blades and 9" hardwood handles. Similar quality tools, but shorter, are made especially for the home craftsman.

CATALOG No. 31, Tools for the Craftsman, shows the complete Greenlee Line, which includes many types not suggested here. If you are interested in it, write for a copy, giving the name of your jobber.

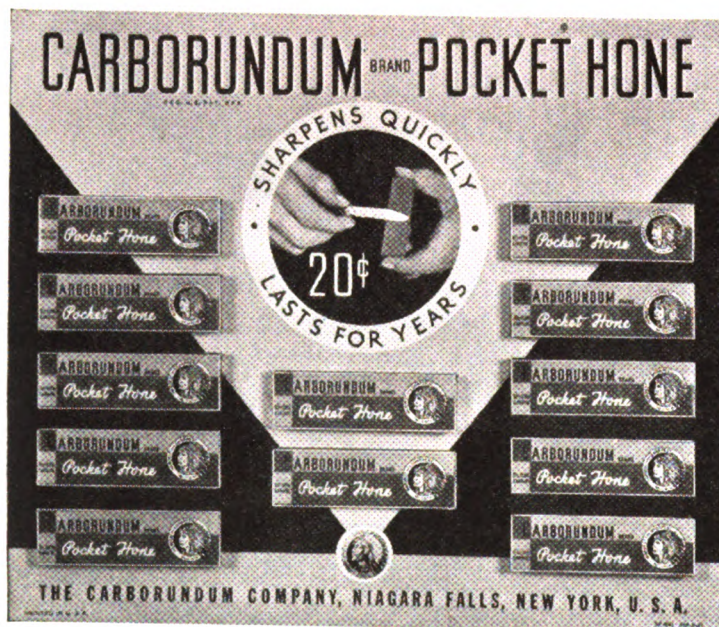
**GREENLEE TOOL CO. 1715 Columbia Ave., Rockford, Ill.**



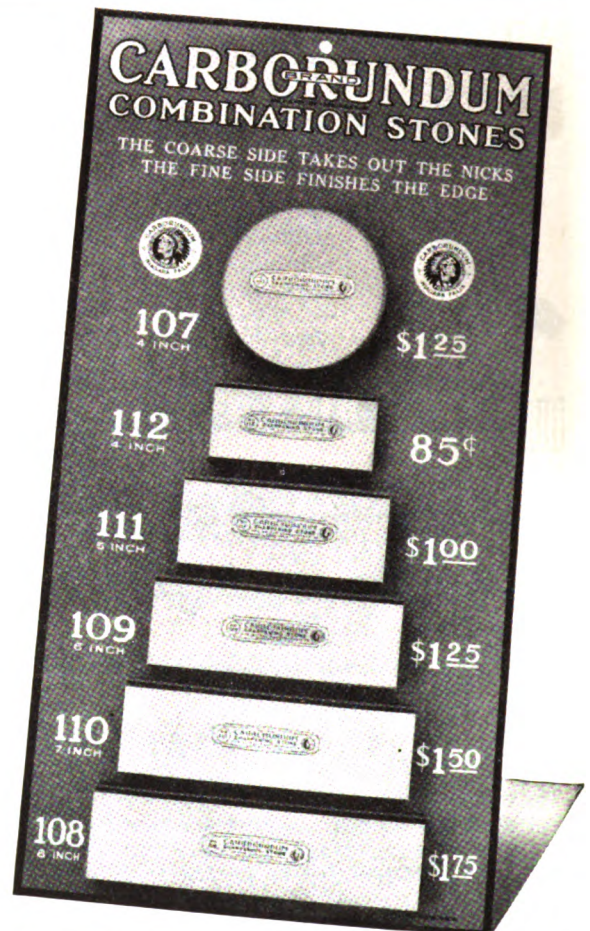


# PLAY BALL with FOR EXTRA SALES

**T**HIS team of attractive displays will help you make extra sales summer and winter. Every time you sell an edged tool, why not suggest the right Abrasive Product by Carborundum to go with it? These nine displays will help you pair-up for many an extra sale and profit.



**1 POCKET HONE RINGS CASH REGISTER.** There's a good chance to sell a pocket hone every time you make change. So put this display right next to the cash register and make more sales all year 'round with these handy 20-cent hones. It's the No. 149 display.



**2 EYE-CATCHER BUILDS SALES.** This four-color metal panel with a strong easel back can be used on the counter, hung on the wall or in the window. There are twelve combination stones in the complete assortment. Let the No. 10 display help you build more sales.

**3 No. 196 AXE STONE.** Any man who uses an axe or hatchet needs one of these combination axe stones. It's round (3 in. diameter) and handy to use. Packed in individual cartons and put up in an attractive counter display carton.



**4 FLINT PAPER SELLS ON SIGHT.** No more broken edges, no more wasted sheets with Handi-pac Carborundum Brand Flint Paper. It's easy to sell flint paper out of this handy package. Here's an item that will bring you added sales all year 'round.

Mention Hardware Age When Writing

Digitized by Google



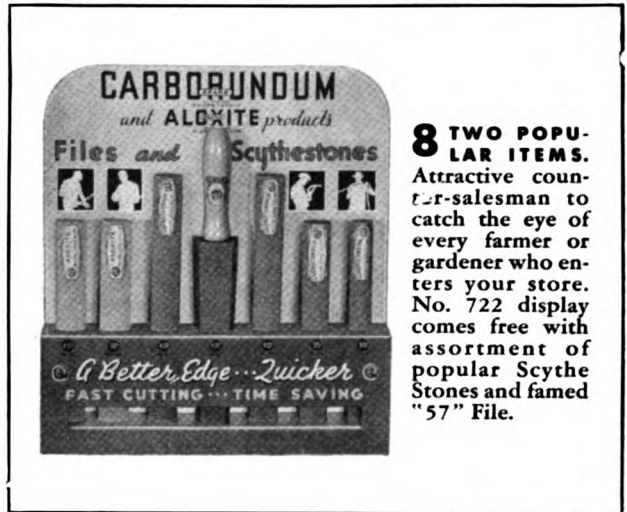
# this Carborundum "Nine"

## EVERY DAY IN THE YEAR!



**5 STOPS EVERY HOUSE-WIFE.** Attractive display carton and counter card furnished with each half dozen No. 66 Knife Sharpeners. Easy-to-sell sharpeners have colored handles. Retail price 35¢.

**6 FIRST CHOICE FOR FARMERS.** Colorful, attractive display box helps sell famous "57" File to farmers. Known everywhere as the file that does 101 jobs and costs only \$1. Sharpens edged tools in a jiffy.



**8 TWO POPULAR ITEMS.** Attractive counter-salesman to catch the eye of every farmer or gardener who enters your store. No. 722 display comes free with assortment of popular Scythe Stones and famed "57" File.

**7 DO YOU SELL TO GARDENERS?** Here's a stone that will put a keen edge on hoes, spades, axes, lawn trimmers, grass shears or any home or garden tool. Have you a stock of No. 46 sharpeners to sell to gardeners and home owners?



**9 A WHEEL FOR EVERY USE.** There are 14 different wheels on this red metal display. You'll sell carpenters, home workshop fans and mechanics with this wide assortment. Order the No. 8275 display assortment from your jobber.

(Carborundum and Aloxite are registered trade-marks of and indicate manufacture by The Carborundum Company)



**THE CARBORUNDUM COMPANY, NIAGARA FALLS, N. Y.**

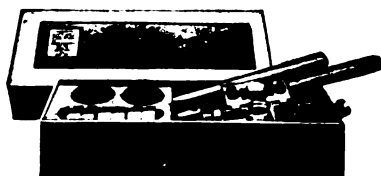
REG. U. S. PAT. OFF.

# Required SMALL TOOLS FOR THE HARDWARE STORE

## TAPS, DIES, REAMERS, ETC.



**HAND TAPS, MACHINE SCREW TAPS, PIPE TAPS.** All standard sizes. Accurate and long lived.



**"GREENFIELD" ADJUSTABLE PIPE STOCK AND DIE SETS.** Assortments with capacities ranging from  $\frac{1}{8}$ " pipe to 2" pipe.



**"LITTLE GIANT" SCREW EXTRACTORS.** Patented type, unusually positive and tough. Sold individually or in handy display assortment illustrated. No extra charge for the display.



**REPAIRMAN'S TAPER REAMERS.** Very popular sellers. Available with bit stock, round or "T" handle shanks.



**BURRING REAMERS.** For removing burrs in pipe. Several sizes, with straight or spiral flutes to suit.

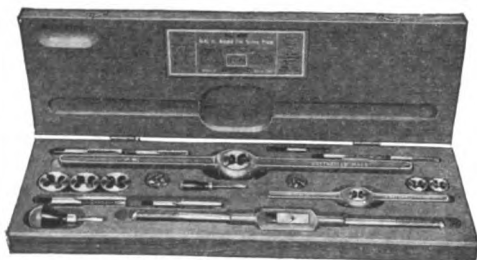


**ROUND DIES.** Positive accurate adjustment. Available in full range of sizes and outside diameters.

## SCREW PLATES



**"LITTLE GIANT" SCREW PLATES.** Fastest selling and most popular line—a leader for 50 years. Over 1,000,000 "Little Giant" Screw Plates in use. Good replacement business.



**"O.K." JR. SCREW PLATES.** Popular priced line containing round dies. Only line in its price range containing adjustable guide stocks. "Greenfield" recognized quality throughout.

## GREENFIELD TAP & DIE CORPORATION, GREENFIELD, MASS.

Detroit Plant: 2102 West Fort St. Warehouses in New York, Chicago, Los Angeles and San Francisco. In Canada: Greenfield Tap & Die Corp. of Canada, Ltd., Galt, Ont.

## ASSORTMENTS



**NO. 1000 TAP, DIE AND DRILL CABINET.** Greatly improved for 1939. Heavy glass top with permanent display of tools. Only 25 $\frac{1}{4}$ " long by 13 $\frac{1}{2}$ " wide. Stock drawers large enough to handle overflow stock. Cut shows back view. Two assortments of fast moving drills, taps and dies available.



**NO. 100 TAP KIT.** Make small tap sales profitable with this inexpensive selected stock of taps and tap wrenches. Price of tools alone includes box.



TAPS • DIES • GAGES • TWIST DRILLS • REAMERS • SCREW PLATES • PIPE TOOLS

Mention Hardware Age When Writing

Google



# ACTION

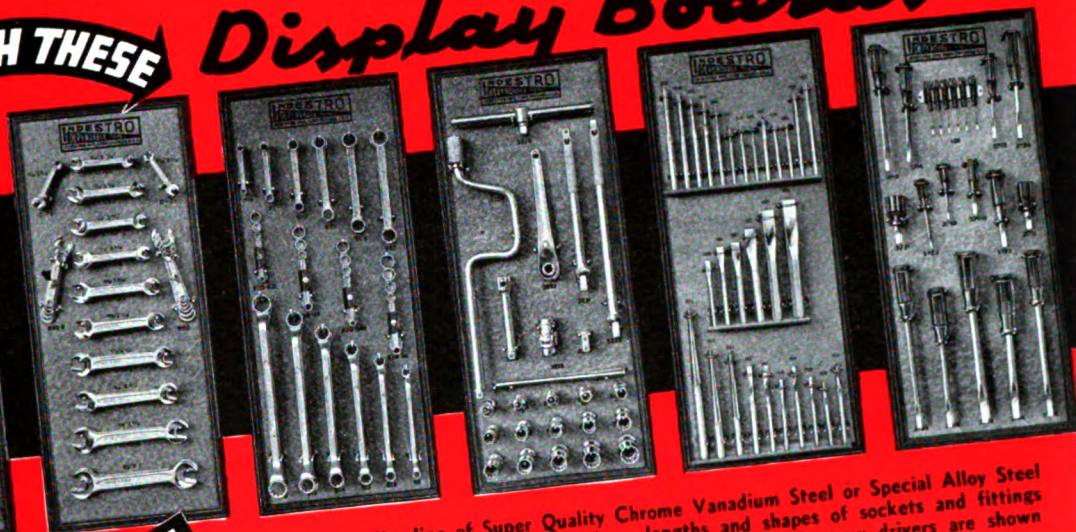


## ACTION AT THE CASH REGISTER ACTION THE YEAR AROUND

A constant turnover of merchandise means a Profitable Business. These Display Boards, "Silent Salesmen," make sales without taking your time. The perfectly arranged, attractive tool assortment against the striking beauty of the boards commands attention and creates a desire to buy. Action that makes you money. These Indestro displays are receiving enthusiastic backing of dealers everywhere. They will help you, too, to increase your sale of profitable, every-day tools. The Boards are FREE when ordered with assortment of tools.

## Display Boards

START WITH THESE  
TO MODERNIZE YOUR STORE



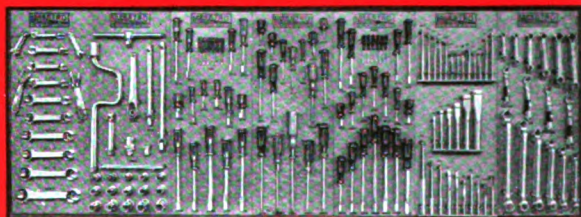
A true quality line of Super Quality Chrome Vanadium Steel or Special Alloy Steel assortments of the most popular sizes, lengths and shapes of sockets and fittings open end wrenches, box wrenches, punches, chisels, and screw drivers are shown here. Heat treated and tempered, heavily plated with highly polished faces. mounted on boards 13" x 31".

## BE IN THE TOOL BUSINESS IN A BIG WAY • AT A SMALL COST

With a very small investment you can make a forceful display of these top quality tools. Put in the whole assortment or add a board at a time until you have a uniform department. These popular tools are real profit makers for every dealer. Indestro not only gives you a better profit, but insures continued good-will from your customers, because of their high quality. Every care is taken in their manufacture to assure a long wearing tool that will stand up and give trouble-free service for years—yet their cost is surprisingly low. Equip your store with these hard-hitting sales builders. Send for Catalog.

## INDESTRO MFG. CORP.

2649 N. Kildare Ave. — Dept. HA4 Chicago, Ill.



## MULTIPLE DISPLAY UNITS

The above illustration shows how several single boards can be mounted to make a single unit in a single frame. Any number in any combination can be so mounted. This arrangement affords a powerful display. If space is not available for multiple unit, single boards are more flexible and adaptable.

# INDESTRO TOOLS BUILD BUSINESS

Mention Hardware Age When Writing

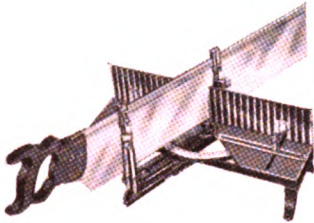


# PROFIT

# with these

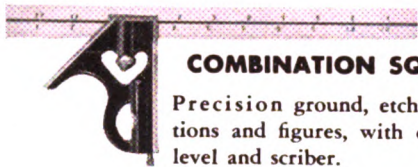
## MITRE BOXES

We offer a very complete line of mitre boxes, metal-cutting boxes, portables, open fronts. Leaders—famous Goodell All-Steel and Langdon Acme; high quality, good value.



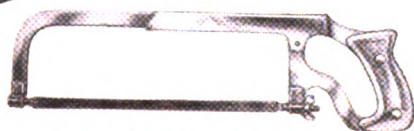
## COMBINATION SQUARES

Precision ground, etched graduations and figures, with or without level and scriber.



## LEVELS

Popular new plastic-bodied Torpedo; eight aluminum models, two pocket-sized in nicked brass, five in iron, 18 in wood.



## HACK SAW FRAMES

Finest frame ever made, No. 84; 18 others. Keyhole hack saw. Five butchers' saws, two kitchen.



## HACK SAW BLADES

Hand and machine—59 sizes and styles, from 7/16" x 8" to 1 1/2" x 24". Band saws, hole saws.

## COUNTER AND WINDOW DISPLAYS

Millers Falls offers one of the most attractive and complete lines of window and counter displays available in the hardware field. Most of these sales-pulling four-color units are free to dealers with a reasonable order for the tools they carry. Ask your jobber, or write Millers Falls for full details.



## ELECTRIC TOOLS

Broad line of portable electric tools in wide variety of sizes and capacities. Typical Millers Falls quality construction. Drills, screw drivers and nut runners, hand and bench grinders, hammers, saws, disc sanders and grinders, and polisher. Stands, adapters, accessories. Write for Catalog 38.



## GLASS CUTTERS

17 models, including turret head, single wheel, gauge, and circular. Oil-honed wheels, each actually tested on glass.

**BENCH VISES** Four models, 1 to 2 1/2" jaws. Twin guide rods, rigid, accurately machined, easily operated. Also bench drill vises, hand vises, swivel vises, carpenters' vises.

## AUGER BITS

199 models and sizes—solid center, single twist, expansive, electricians', ship; car bits, gimlets, counter sinks, etc.



## BRACES

Leader—Parsons' De Luxe heading up the finest line of braces made. Also ratchet, corner, whimble, angular braces; auger handles.



## THE QUALITY BRANDS

**MILLERS FALLS TOOLS**

SINCE 1868

**GOODELL PRATT**  
1500 GOOD TOOLS



# QUALITY BRANDS



## AWLS

Six models, including ship carpenters', diamond point, scratch, piercing. Also tack claws and tool handles.



## SCREW DRIVERS

85 models and sizes in plain, spiral ratchet, right angle, machinists', pocket, offset, and Phillips bit.

## PLANES

De Luxe smooth plane illustrated and 48 other models and sizes in smooth, jack, fore, jointer, block, rabbet, rabbet and fillister, router, scrub and scraper.



## WOOD AND FLOOR SCRAPERS



Eight models and sizes. Also turning tools, carving tools.

## BREAST DRILLS

12 models—ratchet, enclosed gear, and standard two-speed. Bench drills, boring machines.



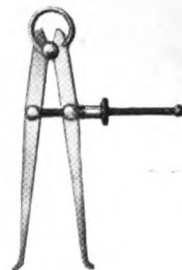
## HAND DRILLS

Straight and ratchet, single and two-speed, fifteen styles.



## MACHINISTS' AND PRECISION TOOLS

Rules; micrometers; thickness gauges; calipers and dividers; screw pitch, depth, center, and surface gauges; squares, combination squares, sets, and bevel protractors.



## SPIRAL RATCHET SCREW DRIVERS

Nine models and sizes, including new favorite No. 29 (illustrated) with quick return. Straight and Phillips bits. Drilling attachments.



## AUTOMATIC DRILLS

Leading favorite Mr. Punch (illustrated). Four other styles—all sturdy, smooth; long-lived mechanism.



## CARDED TOOLS

Sell themselves. Steel rules; key-hole saws; calipers; depth gauges, thickness gauges, pitch gauges, etc.



## NAIL SETS AND FORGED TOOLS

New Molybdenum sets, great value, and several others. Also forged tools—star drills, taper pin punches, long heavy pin punches, solid or tinner's punches, aligning or drift punches, cold chisels, long cold chisels, cape chisels, diamond points, etc.

**MILLERS FALLS  
COMPANY**  
GREENFIELD, MASSACHUSETTS

28 Warren St., NEW YORK CITY  
100 So. Jefferson St., CHICAGO, ILL.



The quality brands—Millers Falls and Goodell-Pratt—are your best sales insurance. Tool buyers know and respect these names, and they appreciate the long, dependable service the tools provide. Make the most of the opportunity thus offered. A satisfied customer is a profitable customer. You can profit with the quality brands.

Catalog No. 42 carries complete details. If you haven't yet received it, write for your copy today.



Display **THESE ADVERTISED**

# PLUMB TOOLS

Swing your business to this money-making trend. Stock and sell Plumb Tools. Every wanted type and weight, priced to fit every purse, from nail hammers to axes, ...the best value your customers can get in hand tools. National advertising builds acceptance for Plumb Tools, makes them easier to sell. Your profit is protected from catalog-chain store competition. Fayette R. Plumb, Inc., Phila.

SELECTED PLUMB HICKORY  
U. S. A.



Large illustration. Around circle  
from left to right: 2963 Half  
Hammer, Liberty Double Bit  
Hatchet, Liberty Single  
Bit, Jersey Axe, HF30  
Hatchet, Liberty Hammer,  
Machine Single Bit  
Dreadnaught Hammer,  
Rippling Axe, HF86  
Bit Western Double  
HF254 Riveting  
Hammer, Plumb  
All-Work File, 680  
Official Scout Axe.





# MERCHANDISE DIRECTORY SECTION

*A handy, convenient, time-saving compilation of manufacturers of hardware and allied merchandise for hardware buyers.*

## Products Listed Alphabetically

**ABRASIVE BELT**—See Abrasives, Coated  
**ABRASIVE BRICKS and STICKS**—See Bricks and Sticks, Abrasive  
**ABRASIVE CLOTHS**—See Abrasives, Coated; also Cloth, Abrasive, Coated, Emery, Garnet, Aluminous Oxide, Silicon Carbide, Etc.  
**ABRASIVE DISCS**—See Discs, Abrasive, Coated  
**ABRASIVE PAPERS**—See Papers, Abrasive, Coated, Flint, Garnet, Aluminous Oxide, Silicon Carbide, Etc.

### ABRASIVES, Coated

(See also Papers, Abrasive, Coated, Flint, Garnet, Aluminous Oxide, Silicon Carbide, Etc.)

Abrasive Products, Inc., South Braintree, Mass.  
Armour Sandpaper Works, 1355 W. 31st, Chicago, Ill.  
Behr-Manning Corp., Troy, N. Y.  
Bera Abrasive Div., Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"  
Carborundum Co., Niagara Falls, N. Y.  
Clover Mfg. Co., Norwalk, Conn.  
Mid-West Abrasive Co., 2189 Beaufait Av., Detroit, Mich. "Mid-West Wolverine"  
Minnesota Mining & Mfg. Co., St. Paul, Minn.  
Sandpaper Inc., Waltham, Mass.  
Wilmington Abrasive Works, Inc., Wilmington, Del. "Wilmington"

### ABRASIVES, Powdered

American Abrasive Co., Westfield, Mass.  
American Rubbing Stone Co., Cincinnati, O.  
Armour Sandpaper Works, 1355 W. 31st, Chicago, Ill.  
Behr-Manning Corp., Troy, N. Y. "Alundum," "Crystolon"  
Carborundum Co., Niagara Falls, N. Y.  
Harrison & Co., Haverhill, Mass.  
Keystone Emery Mills, Phila., Pa.  
Mid-West Abrasive Co., 2189 Beaufait Av., Detroit, Mich. "Mid-West Wolverine"  
Washington Mills Emery Mfg. Co., North Grafton, Mass.  
Zip Abrasive Co., Cleveland, O.

### ACCELERATORS, Water, Hot

Albe Pump Corp., 8 Berry, Brooklyn, N. Y. "Albe"

### ACCESSORIES and EQUIPMENT, Home-craft

Atkins (E. C.) & Co., Indianapolis, Ind.  
Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich.  
Atlas  
Barnes (W. F. & John) Co., Rockford, Ill.  
Boice-Crane Co., 1780 Norwood Av., Toledo, O. "Boice-Crane"  
Bock Bros., Millbury, Mass.  
Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill. "Handee"  
Curtis Saw Co., 1974 Kiellen Av., St. Louis, Mo.  
Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
Dixson (Henry) & Sons, Inc. (Tacony), Phila., Pa. "Keystone"  
Double A Products Co., Inc., Ann Arbor, Mich.  
Dremel Mfg. Co., Racine, Wis. "Moto-Tool"  
Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. (British)  
Greenlee Tool Co., Rockford, Ill.  
Millers Falls Co., Greenfield, Mass.  
Olsen-Bishop Co., Columbus, O.  
Pech, Stow & Wilcox Co., Southington, Conn. "Pecto"  
Stanley Electric Tool Div., New Britain, Conn.  
Stanley Rule & Level Plant, New Britain, Conn.  
Tack Mfg. Co., Brockton, Mass.  
Union Hardware Co., Torrington, Conn. "Union"  
N. J. "Driver"  
Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J.  
Wallace (J. D.) & Co., 134 S. California Av., Chicago, Ill. "Workace"  
Whitsted Edge Tool Wks., Winsted, Conn. "With-erby"  
Tata-American Machine Co., Beloit, Wis.  
**ACCESSORIES, Bathroom**—See Fixtures and Furnishings, Bathroom; also article desired.

### ACCESSORIES, Fence, Electric

Accessories Mfg. Co., 4612 N. Clark, Chicago, Ill.  
Electric Fence Co., 177 Knilians Bldg., Whitewater, Wis.

Electronic Specialties Co., 1603 S. Michigan Av., Chicago, Ill. "Esco"  
Porcelain Products, Inc., Findlay, O.

**ACCESSORIES, Refrigerator**—See Refrigerator Accessories

**ACETYLENE GAS LAMPS**—See Lamps, Acetylene, Gas

**ACETYLENE LAMP CHARGES**—See Carbide, Calcium

**ACETYLENE TORCHES**—See under Torches

**ACID BRUSHES**—See Brushes, Acid

**ACID CORE, SOLDER**—See Solder, Acid Core

### ADAPTERS, Faucet

Central Rubber Products Co., Inc., 821 Bway, New York, N. Y. "Centro"  
Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa. "Keystone," "Royal"  
Penberthy Injector Co., Detroit, Mich.  
Permutit Co., 830 W. 42nd, New York. "FAF"  
Scott Pump Co., Rochester, N. Y.  
Seed Filter & Mfg. Co., Inc., 343 Bway, New York, N. Y. "Seeco"  
Sev Products, Inc., 2002 Rand Bldg., Buffalo, N. Y. "Fits-All"  
Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
Stanley-Oliver Mfg. Co., 1414 S. Wabash Av., Chicago, Ill.

**ADDING MACHINES**—See Machines, Adding, Calculating, etc.

### ADHESIVES and MATERIALS, Rug, Non-Slipping

Behr-Manning Corp., Troy, N. Y. "Kork-O-Tan"  
Boyle (A. S.) Co., Div. American Homes Products Corp., 257 Cornelson Av., Jersey City, N. J. "Rug-Sta"  
Boylston Products Co., So. Boston, Mass. "Floor-Grip"  
Cudahy Packing Co., Anchor Glue Div., Dept. 1, Chicago, Ill. "Anchor"  
Du Pont (E. I.), de Nemours & Co., Inc., Wilmington, Del. "Du Pont"  
Goodrich (B. F.) Co., Akron, O.  
Rug-Grip Mfg. Co., Inc., 38 Chauncy, Boston, Mass.  
Specialty Guild, Inc., Convent, N. J. "Rug-Root"

**ADJUSTABLE BOOKCASE BRACKETS**—See Brackets, Bookcase, Adjustable

**ADJUSTABLE ELECTRIC LAMPS**—See Lamps, Electric Adjustable

**ADJUSTABLE GLASS DISPLAY COMPARTMENTS**—See Compartments, Glass Display, Adjustable

**ADJUSTABLE JAW VISES**—See Vises, Machine-ists

**ADJUSTABLE LOCK STRIKES**—See Strikes, Lock, Adjustable

**ADJUSTABLE METAL DISPLAY COMPARTMENTS**—See Compartments, Display, Adjustable, Metal

**ADJUSTABLE RADIATOR BRACKETS**—See Brackets, Radiator

**ADJUSTABLE REAMERS**—See Reamers, Adjustable

**ADJUSTABLE SHELF STANDARDS**—See Standards, Shelf, Adjustable

**ADJUSTABLE WRENCHES**—See Wrenches, Adjustable

### ADJUSTERS, Blind or Shutter

Corbin, P. & F., New Britain, Conn.  
Mallory Mfg. Co., Flemington, N. J. "Standard"  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Zimmerman (G. F. S.) Co., Inc., Frederick, Md.

**ADJUSTERS, Screen & Storm Sash**—See Hangers, Window Screen & Storm Sash

**ADJUSTERS, Shutter**—See Adjusters, Blind or Shutter

**ADJUSTERS, Transom**—See Lifts, Transom

### ADJUSTERS, Window, Casement

(See also Casement Window Hardware)

Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
Casement Hdw. Co., 404 N. Wood, Chicago, Ill. "Win-Dor"

Champion Hdw. Co., Geneva, O.  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Detroit Hdw. Mfg. Co., Detroit, Mich.  
Earle Hdw. Mfg. Co., Reading, Pa. "Loxrite"  
Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
Fiwale Equipment Mfg. Co., Inc., 64 Reade, New York, N. Y.  
General Hardware Mfg. Co., 16 Warren, New York, N. Y.  
Getty (H. S.) & Co., Inc., 2348 No. 10th, Phila., Pa.  
Gulborg (John S.) Mfg. Co., 4318 Ravenswood Av., Chicago, Ill. "Safeguard," "Sterling"  
Hagstrom Mfg. Co., Glen Cove, N. Y.  
Hess (Chas.) Co., Flushing & Metropolitan Aves., Bklyn., N. Y.  
Higgins & Page, Inc., Brighton Station, Rochester, N. Y. "Higgins"  
Hillgren Mfg. Co., 1862 E. 67th, Los Angeles, Cal. "Easy"  
Ives (H. B.) Co., New Haven, Conn.  
Lafayette Metal Products Co., 2416 San Pablo Av., Oakland, Cal.  
Lock-Hold Mfg. Co., Cleveland, O. "Lock-Hold"  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Lyons Mfg. Co., New Haven, Conn. "Lymco"  
McKinney Mfg. Co., Pittsburgh, Pa.  
Mallory Mfg. Co., Flemington, N. J. "Standard"  
Marschke Co., 551 University Av., St. Paul, Minn.  
Mode Mfg. Co., Pasadena, Cal.  
Monarch Mfg. Co., Detroit, Mich.  
Monarch Metal Weatherstrip Corp., 6333 Etzel Av., St. Louis, Mo.  
Murrin Co., 719 S. Spadra Drive, Fullerton, Cal. "Rid-Gid"  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Mfg. Co., Sterling, Ill.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill. "Thru-Screen"  
Penn Hardware Co., Reading, Pa.  
Reading Hardware Corp., Reading, Pa.  
Rite Hardware Mfg. Co., 502 Douillard, Los Angeles, Cal.  
Rixon (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Everlock"  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co., No. Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Shelby Spring Hinge Co., Shelby, O.  
Slaymaker Lock Co., Lancaster, Pa.  
Stewart Sales Co., 608 16th, Oakland, Cal. "Stewart"  
Superior Spring Hinge Co., 548 Lake, Chicago, Ill. "Superior"  
United Specialties Mfg. Co., Ltd., Richmond Hill, N. Y. "Casehold," "Flexostay," "Staylock"  
Weber-Knapp Co., Jamestown, N. Y.  
Whitney (Vincent) Co., 130 10th, San Francisco, Cal. "Whitco"  
Woodruff (Walter W.) & Sons Co., Mt. Carmel, Conn.  
Wright Products Mfg. Co., Minneapolis, Minn. "Silent-Nite"  
Yale & Towne Mfg. Co., Stamford, Conn.  
Zimmerman (G. F. S.) Co., Inc., Frederick, Md.

### ADJUSTERS, Window Stop

Corbin, P. & F., New Britain, Conn.  
Ives (H. B.) Co., New Haven, Conn.  
Johnson (E. A.), 7621 16th Av., Kenosha, Wis.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Marschke Co., 551 University Av., St. Paul, Minn.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Sargent & Co., New Haven, Conn.  
Yale & Towne Mfg. Co., Stamford, Conn.  
**ADVERTISING CAPS**—See Caps, Advertising  
**ADVERTISING ELECTROTYPES**—See Electrotypes, for Retail Advertising  
**ADVERTISING KNIVES**—See Knives, Advertising  
**ADVERTISING POCKET KNIVES**—See Knives, Pocket, Advertising  
**ADVERTISING RULES**—See Rules, Advertising  
**ADVERTISING TAGS**—See Tags, Advertising  
**ADVERTISING TAPES**—See Tapes, Advertising  
**ADVERTISING THERMOMETERS**—See Thermometers, Advertising

# DICKSON LEAD HEAD and

## Special



## ROOFING NAILS

For long life roofing requires the best of nails. Such nails cost but a small fraction of the value of the roofing they hold, yet they add years to the life of the roof.

DICKSON quality and low prices are largely responsible for the heavily increased use of lead head nails in recent years for metal roofing. DICKSON roofing nails are made by high speed automatic machinery insuring low production cost and correspondingly low cost to consumer.

In order to meet a pressing and growing demand for special nails for asphalt and similar types of prepared roofing, metal shingles, etc., we are offering a few styles of special nails, as illustrated.

### DICKSON COMPRESSED LEAD HEAD NAILS The Standard of the United States

AVAILABLE AS BARBED, LOCK SCREW, AND LOCK RING

STYLES A, B, C Length of Nails 10 Gauge Shank 3/8" Lead Head

	Bright	Zinc Coated (Hot Galvanized)	Purpose for Which Each Size is Best Adapted
1'	113	107	For special uses
1 1/4'	104	98	For special uses
1 1/2'	96	91	For roofing sheets with 1 1/4" corrugations
1 3/4'	88	83	For sheets with 1 1/4" or 2 1/2" corrugations
2'	81	77	For sheets with 2 1/2" corrugations or when either 1 1/4" or 2 1/2" corrugated sheets are laid over old shingle roofs.
2 1/4'	76	72	{ For laying metal sheets over old roofs or for nailing sheets directly to framework
2 1/2'	71	67	
10 Gauge Shank 1/8" Lead Head 2 1/2'	61	58	{ For laying metal sheets over old roofs or for nailing sheets directly to framework
3'	54	51	
9 Gauge Shank 1/8" Lead Head 2 1/2'	53	51	{ For nailing sheets directly to framework
3'	47	45	

Lead Head Roofing Fasteners of 10 gauge galvanized wire, lengths of 4" to 18" are used for fastening metal roofing to steel framework.

### Flat Head Lock Screw and Lock Ring Steel Roofing Nails

STYLES D, E, F, G

Length Inches	Head Dia.	Gauge	Nails per Lb. Bright	Approx. Galvanized
1	9/16"	10	176	160
1 1/4	9/16"	10	144	131
1 1/2	9/16"	10	130	119
1 3/4	9/16"	10	116	104
2	9/16"	10	103	93
1	3/8"	10	229	204
1 1/4	3/8"	10	185	167
1 1/2	3/8"	10	156	141
1 3/4	3/8"	10	134	122
2	3/8"	10	118	108
2 1/2	3/8"	10	96	87
1	7/16"	11	275	250
1 1/4	7/16"	11	230	216
1 1/2	7/16"	11	192	177
1 3/4	7/16"	11	166	152
2	7/16"	11	147	135
1	11/32"	11 1/2	307	272
1 1/4	11/32"	11 1/2	261	236
1 1/2	11/32"	11 1/2	219	189
1 3/4	11/32"	11 1/2	190	171
2	11/32"	11 1/2	170	155
1	3/8"	12	353	316
1 1/4	3/8"	12	296	250
1 1/2	3/8"	12	248	209
1 3/4	3/8"	12	216	185
2	3/8"	12	193	171

### Lock Ring Flooring Nails

STYLE J

Descriptions on Application

Any standard nails from 9 to 12 gauge in lengths from 1" to 3" may be supplied with Lock Screw or Lock Ring Shanks at moderate cost.

### Umbrella Head Lock Screw Steel Roofing Nails

STYLE H

Length Inches	Gauge	Approx. Nails per Lb. with 1/2" Dia. Head Galvanized
1 1/2	9	93
1 3/4	9	83
2	9	75
1 1/2	10	109
1 3/4	10	101
2	10	90
1 1/2	11	125
1 3/4	11	110
2	11	102

STYLE L 3/4" diameter Umbrella Head Roofing Nails are available.

Nails for Composition Roofing, Siding, and Ceiling

STYLE D, E, F, G

Lock Screw and Lock Ring Asbestos Shingle Nails

Length Inches	Gauge	Approx. Nails per Lb. Cadmium Plated	Galvanized
1	11 1/2	307	272
1 1/4	11 1/2	261	236
1 1/2	11 1/2	219	189
1 3/4	11 1/2	190	171
2	11 1/2	170	155

The Following Nails are Available as Lock Ring

STYLE K

Length Inches	Gauge	Head Dia.	Approx. Nails per Lb. Cadmium Plated	Galvanized
1 3/4	13	1 1/4"	300	265
2	13	1 1/4"	260	235
1 3/4	14	1 1/2"	398	350
2	14	1 1/2"	350	313
2	14	1 1/2"	380	330

America's Largest Producer of Lead Head Nails  
**DICKSON WEATHERPROOF NAIL CO.**  
 EVANSTON, ILLINOIS



**ADVERTISING YARDSTICKS**—See Yardsticks, Advertising  
**ADZE HANDLES**—See Handles, Hickory, also Handles, Oak

**ADZES**  
Collins Co., Collinsville, Conn. "Collins Legitimate"  
Evansville Tool Wks., Div. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Evansville"

Fulton Tool Wks., Inc., Huntington, W. Va., "Fulco"

Iron City Tool Works, Pittsburgh, Pa.  
Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Flint Edge," "Hunt's," "Kelly Standard," "Underhill"

Mack Tool Co., Inc., E. Rochester, N. Y. "D. R. Barton"

Plumb (Payette R.), Inc., Phila., Pa.  
Warren Tool Corp., Warren, O. "Quikwerk," "Hack-devil"

Warwood Tool Co., Wheeling, W. Va.  
White (L. & I. J.) Co., division of the Simonds-Worden-White Co., Dayton, O.

Woodings-Verona Tool Wks., Verona, Pa.

**ADZES, Milk—See Coolers, Milk and Cream**

**AERIAL RADIO ELIMINATORS**—See Radio, Aerial Eliminators

**AERIAL TRAMWAYS**—See Tramways, Wire Rope

**AIRPLANE MODEL CEMENT**—See Cement, Model Airplane

**AIRPLANES, Construction Kits and Supplies**

American Junior Aircraft Co., 733 W. Everett Portland, Ore.

Burd Model Airplane Co., 2113 E. Oliver, Baltimore, Md.

Cleveland Model & Supply Co., 4508-D87 Lorain Av., Cleveland, Ohio. "Bluejay," "Cleveland," "Condor," "Dwarf," "Playboy," "Rep"

Comet Model Airplane & Supply Co., 2509 W. Cermak Road, Chicago, Ill.

Guilford, Paul K., Wakefield, Mass.

Ideal Aeroplane & Supply Co., 22 W. 19th, New York, N. Y.

Megow's, Howard & Oxford, Phila., Pa.

Peerless Model Airplane Co., Inc., 3088 W. 106th, Cleveland, O. "Peerless"

Scientific Model Airplane Co., 218 Market, Newark, N. J.

Selchow & Righter Co., 200 Fifth Ave., N. Y. C.

Seller Mfg. Co., Inc., 1372 Gates Av., Brooklyn, N. Y.

Tropical Model Airplane Co., 175 N. W. 31st, Miami, Fla.

**AIRPLANES, Toy**

American Junior Aircraft Co., 1166 N. E. 31st, Portland, Ore. "American Jr."

Buddy "L" Mfg. Co., East Moline, Ill.

Hubley Mfg. Co., Lancaster, Pa.

Kenton Hardware Co., Kenton, O.

Kilgore Mfg. Co., Westerville, O.

Kingsbury Mfg. Co., Keene, N. H. "Silver Arrow"

Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Master"

Stampit Corp., Brookfield, Ill.

Straits Mfg. Co., 2480 Bellevue, Detroit, Mich.

"Sky Hawk"

Turner (John C.) Corp., Wapakoneta, O. "Turner"

**AGATE WARE**—See Ware, Enameled

**AGATES, Playing**—See Marbles, Playing

**AIR BLOW GUNS**—See Guns, Air Blow

**AIR CELL BATTERIES**—See Batteries, Air Cell

**AIR CIRCULATORS**—See Fans, Electric Portable

**AIR COMPRESSORS**—See Compressors, Air

**AIR CONDITIONERS**

Air Controls, Inc., 1933 W. 114th, Cleveland, O.

Airola Corp., 46 Walker, New York, N. Y.

Airtemp, Div. Chrysler Corp., Dayton, O.

American Air Filter Co., Louisville, Ky. "Air-guard"

American Blower Corp., Detroit, Mich. "Sirocco"

American Radiator Co., 40 W. 40th, New York, N. Y. "Ideal Cascade"

Apex Rotarex Corp., 1070 E. 162d, Cleveland, O.

"Apex"

Atm. Mfg. Co., Eustis at Robbins, St. Paul, Minn.

"Ice Land, Jr."

After (Harry) Co., 1728 S. Michigan Av., Chicago, Ill. "Humidome"

Astrotent Fan & Blower Co., 1811 N. Kostner Av., Chicago, Ill.

Baldwin-Southark Corp., Phila., Pa. "Delavergne"

Bard Mfg. Co., 213 W. Butler, Bryan, O. "Bard"

Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Silentaire"

Branton (Chas. A.) Inc., Buffalo, N. Y.

Burrows Corp., Portland, Me. "Health Window"

Campbell Metal Window Corp., 30 Rockefeller Plaza, New York, N. Y. "Campbell"

Carrier Corp., Syracuse, N. Y.

Cay Mfg. Co., Waupaca, Wis.

Copeland Refrigeration Corp., Sidney, O. "Cope-land"

Domestic Industries, Inc., 282 N. Diamond, Mansfield, O. "Aquaclone"

Edwards Mfg. Co., Cincinnati, O.

Electroaire Corp., 1455 W. Congress, Chicago, Ill.

"Electroaire"

American Electric Co., St. Louis, Mo.

Fabry (W. H.) Mfg. Co., Inc., 700 S. Date Av., Alhambra, Cal. "Fabreeze"

Feeders Mfg. Co., Buffalo, N. Y.

France Mfg. Co., Cleveland, O.

Frigidaire Div. General Motors Sales Corp., Dayton, O. "Frigidaire"

Gale Products Div. Outboard Marine & Mfg. Co., Galesburg, Ill. "Gale"

General Electric Co., 5 Lawrence, Bloomfield, N. J. "G-E."

Gilbert (A. C.) Co., New Haven, Conn. "De Luxe," "Gilbert"

Gray (Peter) Corp., Cambridge, Mass. "Airstat"

Health-O-Mist Humidifier Mfg. Co., Columbus, Wis. "Health-O-Mist"

Hexcel Radiator Co., Racine, Wis. "Control-Aire Kitchen-Kooler"

Ilg Electric Ventilating Co., 2855 N. Crawford Av., Chicago, Ill. "Ilg-Kold"

Kauffman Air Conditioning Corp., 4336 W. Pine Blvd., St. Louis, Mo.

Koehler Mfg. Co., 820 Vermont Av., Dayton, O.

Krueger Mfg. Corp., 1469 Merchandise Mart, Chicago, Ill.

McCord Radiator & Mfg. Co., 2587 Grand Blvd., Detroit, Mich.

Matthews Mfg. Co., Inc., Newton, Ia.

Modine Mfg. Co., Racine, Wis.

Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich. "Kelvinator"

National Metal Products Co., Waterloo, Ia. "Health-Aire"

Perfex Corp., Milwaukee, Wis. "Milwaukee"

Philco Radio & Television Corp., Tioga & C. Phila., Pa. "Philco-York"

Serve, Inc., Evansville, Ind.

Specialty Mfg. Co., St. Paul, Minn. "Minnehaha"

Sturtevant Cooling & Air Conditioning Co., Hyde Park, Boston, Mass.

W-W Feed Grinder Corp., Wichita, Kan. "Common-sense"

Westinghouse Electric & Mfg. Co., Mansfield, O. "Mobilair"

York Ice Machinery Co., York, Pa.

**AIR FILTERS**—See Filters, Air

**AIR HOSE**—See Hose, Air, Steam, Water, Etc.

**AIR LINE FITTINGS**—See Fittings, Air Line

**AIR MATTRESSES**—See Mattresses, Air

**AIR MOISTENERS**—See Moisteners, Air

**AIR PISTOL SHOT**—See Shot, Air Pistol

**AIR PISTOLS**—See Pistols, Air

**AIR PURIFIERS**—See Air Conditioners

**AIRPORT DOOR HARDWARE**—See Hardware, Airport Door

**AIRPORT DOOR ROLLERS**—See Rollers, Door, Airport

**AIR PUMPS**—See Pumps, Air

**AIR RIFLE SHOT**—See Shot, Air Rifle

**AIR RIFLE TARGETS**—See Targets, Air Rifle

**AIR RIFLES**—See Rifles, Air

**AIR SHOT GUNS**—See Guns, Shot, Air

**AIR SPRAY COMPRESSION PUMPS**—See Pumps, Compression, Air Spray

**AIR VALVES**—See Valves, Air

**ALARM CLOCKS**—See Clocks, Alarm, Timepiece, Strike & Chime

**ALARMS, Burglar**

Auth Electric Specialty Co., Inc., 422 E. 53d, New York, N. Y.

Burkly Trap Co., Tiffin, O. "B-T" (Non-Electric)

Coronado Mfg. Co., 500 Roberts, St. Paul, Minn.

Federal Electric Co., 8700 S. State, Chicago, Ill.

Firex Corp., 510 S. Bway., St. Louis, Mo. "Red-D-Gard"

Twentieth Century Engineering Co., Mankato, Minn. "Cenco"

**ALARMS, Fire**

Edwards & Co., Inc., Norwalk, Conn.

Gamewell Co., Newton, Mass. "Vitalarm"

International Fire Equipment Corp., West New Brighton, Staten Island, N. Y. "Shur-Alarm," "Shur-Shot"

**ALCOHOL BLOW TORCHES**—See Torches, Blow, Alcohol

**ALCOHOL CHAFING DISHES**—See Dishes, Chafing, Alcohol

**ALCOHOL, Denatured**  
(See also Compounds, Anti-Freezing)

American Solvents & Chemical Corp., 122 E. 42nd, New York, N. Y. "Amer-Sol"

Commercial Solvents Corp., 230 Park Av., New York, N. Y.

DeMert & Dougherty, Inc., 8001 W. 47th, Chicago, Ill.

Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.

Read (Chas. L.) Co., 120 Greenwich, New York, N. Y.

U. S. Industrial Alcohol Co., 60 E. 42nd, New York, N. Y.

**ALCOHOL STOVES**—See Stoves, Alcohol

**ALCOHOL TORCHES**—See under Torches

**ALFALFA FORKS**—See Forks, Alfalfa and Hay

**ALLIGATOR WRENCHES**—See Wrenches, Alligator

**ALTITUDE BAROMETERS**—See Barometers, Altitude

**ALUMINOUS CLOTH AND PAPER**—See Abrasives, Coated; also Papers, Abrasive, Coated, Flint, Garnet, Aluminous, Oxide, Silicon Carbide, Etc.

**ALUMINUM COOKING SETS, Toy**—See Sets, Cooking, Toy

**ALUMINUM COVERS**—See Covers, Cooking Utensil

**ALUMINUM FIGURES**—See Numbers and Letters, Metal

**ALUMINUM GRIDDLES**—See Griddles, Iron, Steel, Aluminum, Etc.

**ALUMINUM KETTLES**—See Kettles, Tea, Range, Stove, Aluminum

**ALUMINUM LADDERS**—See Ladders, Aluminum

**ALUMINUM LETTERS**—See Numbers and Letters, Metal

**ALUMINUM NAILS**—See Nails, Aluminum

**ALUMINUM PAIRS**—See Pails, Aluminum

**ALUMINUM PAINTS**—See Paints, Aluminum

**ALUMINUM POLISHES**—See Polishes, Aluminum

**ALUMINUM POT CLEANERS**—See Cleaners, Pot, Metal

**ALUMINUM POWDERS**—See Powders, Bronze, Gold, Aluminum, etc.

**ALUMINUM PRESSURE COOKERS**—See Cookers, Steam Pressure

**ALUMINUM RIVETS**—See Rivets, Aluminum

**ALUMINUM RULES**—See Rules, Aluminum

**ALUMINUM SOLDER**—See Solder, Aluminum

**ALUMINUM SPOONS**—See Spoons, Aluminum

**ALUMINUM STEAMER RACKS**—See Racks, Steamer, Aluminum

**ALUMINUM TABLE WARE**—See Ware, Table

**ALUMINUM TOY SETS**—See Sets, Aluminum, Toy and Ware, Aluminum, Sets, Toy

**ALUMINUM TRAYS**—See Trays, Aluminum

**ALUMINUM WARE**—See Ware, Aluminum

**ALUMINUM WIRE CLOTH**—See Cloth, Wire, Aluminum, Black, Brass, Bronze, Copper, Galvanized, Etc.

**ALUMINUM WOOL**—See Wool, Aluminum

**AMMONIAC, Sal**—See Sal Ammoniac

**AMMUNITION**—See Cartridges; also Powder, Gun; also Shell, Shot Gun; also Shot, Lead

**AMMUNITION BAGS**—See Bags, Ammunition

**AMMUNITION CASES**—See Cases, Ammunition

**ANCHOR BOLTS**—See Bolts, Anchor

**ANCHOR CAPS**—See Caps, Anchor

**ANCHOR CHAIN**—See Chain, Anchor

**ANCHOR SHACKLES**—See Shackles, Anchor

**ANCHORS, Belt, Window Cleaners'**

Acker & Man, Inc., 12 W. 17th, New York, N. Y.

Dickey (R. J.) & Sons, Inc., Columbus, Ind. "Ever-Fast"

Harrison-Weiss Co., 228 N. La Salle, Chicago, Ill.

Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.

**ANCHORS, Boat, Ship, Etc.**

American Brake Shoe & Fdry. Co., 230 Park Av., New York, N. Y.

Bald Anchor Chain & Forge Co., Chester, Pa.

Fatsco, 251 N. Fair Av., Benton Harbor, Mich.

Laughlin (Thos.) Co., 199 Fore, Portland, Me.

Maine Steel, Inc., South Portland, Me. "Hex-M"

Malleable Iron Fittings Co., Branford, Conn. "M. I. F. Co."

Miller Marine Co., 357 State, Perth Amboy, N. J.

Peoria Malleable Casting Co., Peoria, Ill. "Peoria"

South Bend Bait Co., South Bend, Ind.

Swett (A. L.) Iron Wks., Medina, N. Y.

Upson-Walton Co., 1280 W. 11th, Cleveland, O.

Wilcox, Crittenden & Co., Inc., 77 E. Main, Middletown, Conn.

Willis (E. J.) Co., 91 Chambers, New York, N. Y.

"Wilco"

**ANCHORS, Decoy**

Leitzke, Rein, Beaver Dam, Wis. "Leitzke"

Peoria Malleable Casting Co., Peoria, Ill. "Peoria"

Poitevin Bros., Inc., Pascagoula, Miss.

Reynolds (J. W.) Decoy Factory, Forest Park, Ill.

South Bend Bait Co., South Bend, Ind.

**ANCHORS, Dog**

New England Bolt Co., Inc., Everett, Mass.

**ANCHORS, Lead Expansion**—See Anchors, Screw

**ANCHORS, Screw**

Ackerman-Johnson Co., 625 Jackson Blvd., Chicago, Ill.

Arro Expansion Bolt Co., Marion, O. "Arro"

Barrett Sales Co., 2612 Barry Av., Chicago, Ill.

"Pak-Tite"

Blue Bird Co., 32 Montgomery, Baltimore, Md.

"Intite"

Craftplug, Inc., 330 W. 42nd, New York, N. Y.

"Craftplug" (Rubber)

Diamond Expansion Bolt Co., 48 W. B'way, New York, N. Y. "Diamond N-Y"

Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"





THEY'LL **GRAB** THESE SHOVELS . .

**Grip-**

**Handle-**

**and Blade**

**GET A BETTER GRIP  
ON YOUR SHOVEL BUSINESS**

Shovels with these four easy-to-see features are easier to sell. They command prices which assure better profits for you. They stand up to any job and build reputation for your store as local headquarters for shovels of better than usual value.

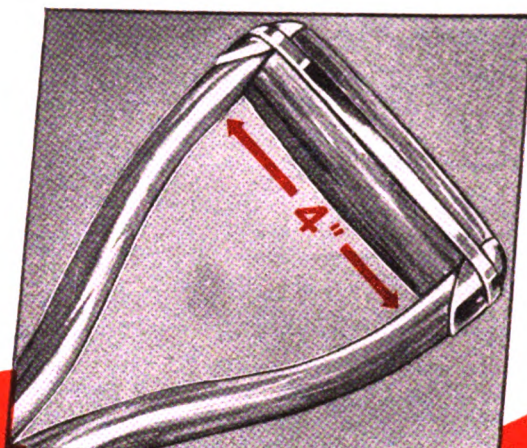
Shovels for every purpose, having these features, are available through leading hardware distributors throughout the nation. Give your shovel business a lift by ordering today.

**THE WOOD SHOVEL AND TOOL CO.**

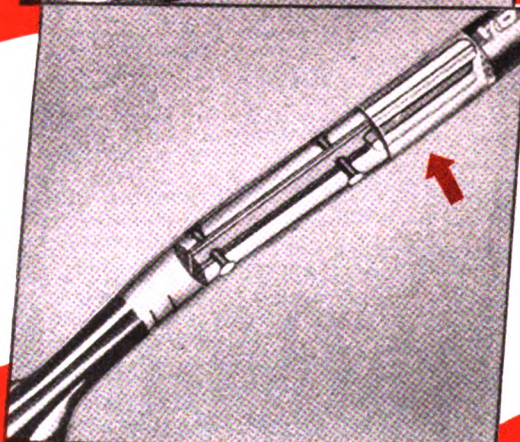
WILMINGTON, OHIO

•117•

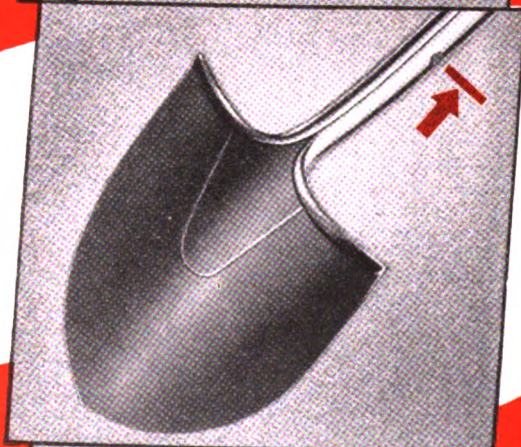
•118•



**"Moly-D" Hand**  
4 Inches for Finger  
Smooth, Firm  
Comfortable



**I-Beam Handle**  
A Backbone of  
Skyscraper  
Strength



**Closed Back**  
Smoother  
Shoveling;  
Stronger;  
Heat Treated to  
First Rivet



**Arrow Point**  
Deflects the  
wear, so that  
shovel retains  
its sharp point  
and original  
shape. Makes  
shoveling eas-  
ier.

**Your Jobber Can  
Supply Shovels with  
These Features**



**ANCHORS, Screw (Continued)**

Palatine Industrial Co., Inc., 111 Fifth Av., New York, N. Y. "Stronghold" (Fibre)  
 Rawlplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawlplug" (Fibre), "Rawls" (For Machine Screws)  
 Richmond Screw Anchor Co., 248 Bush, B'klyn., N. Y.  
 Star Expansion Bolt Co., 147 Cedar, New York, N. Y. "Sebo"  
 U. S. Expansion Bolt Co., Inc., York, Pa.  
 "Torker," "U. S. E."  
**ANCHORS, Ship**—See **Anchors, Boat, Ship, Etc.**

**ANCHORS, Sleeper**

Halter (Jacob) Sons, Co., 2604 Walton Av., Chicago, Ill. "Economy"  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 V-W Co., 208 Oak, Columbus, O. "Tiger"  
**ANCHORS STOCKLESS**—See **Anchors, Boat, Ship, Etc.**

**ANCHORS, Stone and Brick Wall**

Ackerman-Johnson Co., 625 W. Jackson Blvd., Chicago, Ill.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Brunner & Lay, 870 Polk, Chicago, Ill.  
 Brush Nail Expansion Bolt Co., Greenwich, Conn.  
 Haxer (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Halter (Jacob) Sons Co., 2604 Walton Av., Cleveland, O. "Halter"  
 Hess (Chas.) Co., Flushing & Metropolitan Aves., Brooklyn, N. Y.  
 Logan Co., 206 N. Buchanan, Louisville, Ky.  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Porcupine Co., Fairfield, Conn.  
 Rawlplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawlanchor," "Rawlplug" (Fibre)  
 Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

**ANDIRONS, FENDERS and GRATES**—See **Fireplace Fixtures**

**ANGLE IRON**—See **Steel or Iron, Angle**

**ANGLE STEEL**—See **Steel or Iron, Angle**

**ANGLE VALVES**—See **Valves, Globe and Angle**

**ANGLEWORM EXTRACTORS**—See **Extractors, Angeworm**

**ANGULAR BIT STOCKS**—See **Stocks, Bit, Angular**

**ANIMAL CARRIERS**—See **Carriers, Animal**

**ANIMAL POKES**—See **Pokes, Animal**

**ANIMAL SOAPS**—See **Soaps, Animal, Dog, Etc.**

**ANIMAL TIES**—See **Ties, Cattle and Horse**

**ANIMAL TRAPPER SNARES**—See **Snares, Trap-Animal**

**ANIMAL TRAPS**—See **Traps, Animal**

**ANIMALS, Toy**

Fisher-Price Toys, Inc., East Aurora, N. Y.  
 Hubley Mfg. Co., Lancaster, Pa. "Daddy Long Legs"  
 Kalamazoo Playthings Co., Kalamazoo, Mich.  
 Schenbut Mfg. Co., 2046 Castor Av., Phila., Pa.  
 Toy Tinkers, Inc., Evanston, Ill.

**ANIMALS, Toy, Stuffed**

American Toy & Novelty Mfg. Co., 2415 N. Howard, Phila., Pa.  
 Atlanta Playthings Co., Atlanta, Ga.  
 Eckardt (Victor) Mfg. Co., 132 Greenpoint Av., Bklyn., N. Y.  
 Expert Doll & Toy Co., 56 W. 22nd, New York, N. Y.  
 Freundlich (Ralph A.) Inc., 200 Fifth Av., New York, N. Y.  
 Gund Mfg. Co., 40 W. 20th, New York, N. Y.  
 "Gund"  
 Lucky Toy Co., Inc., 147 W. 22nd, New York, N. Y.  
 Minkah Toy & Novelty Corp., Mispah, N. J.  
 Ross & Ross, 28 Monte Vista Av., Oakland, Cal.  
 Rushton Co., Atlanta, Ga.  
 Winchester Toy Co., Darby, Pa. "Golden Fleece"  
 Woolnough (F. W.) Co., 200 Fifth Av., New York, N. Y.

**ANGLER'S CLIPS**—See **Clips—Angler's**

**ANKLE SUPPORTERS**—See **Supporters, Ankle**

**ANNUNCIATORS**

Ansonia Electrical Co., Ansonia, Conn.  
 Auth Electrical Specialty Co., 422 E. 53d, New York, N. Y.  
 Connecticut Telephone & Electric Corp., Meriden, Conn.  
 Couch (S. H.) Co., North Quincy, Mass.  
 Edwards & Co., Inc., Norwalk, Conn. "Annu-ciete"  
 Holzer-Cabot Electric Co., 125 Amory, Boston, Mass.  
 Patrick & Wilkins Co., 51 N. 7th, Phila., Pa.  
**ANY EXTERMINATORS**—See **Exterminators, Ant**  
**ANY POWDER**—See **Powder, Roach and Ant**  
**ANY TRAPS**—See **Exterminators, Ant**  
**ANTENNA INSULATORS**—See **Insulators, Antenna, Radio**  
**ANTENNA LEAD-INS**—See **Lead-ins, Antenna, Radio**  
**ANTHRACENE OIL**—See **Oils, Anthracene**  
**ANTI-COW KICKERS**—See **Kickers, Cow, Anti-**

**ANTI-FREEZE COMPOUNDS**

(See also **Alcohol, Denatured**)

Baum's Castorine Co., Rome, N. Y.  
 Boyer Chemical Laboratory, Chicago, Ill.  
 Carbide & Carbon Chemicals Corp., 30 E. 42nd, New York, N. Y. "Winter-Flor"  
 Commercial Solvents Corp., 230 Park Av., New York, N. Y. "Norway"  
 Du Pont (E. I.), de Nemours & Co., Inc., Wilmington, Del. "Five Star," "Zerex," "Zerone"  
 Durkee-Atwood Co., Minneapolis, Minn. "Rio-Nie"  
 Firestone Tire & Rubber Co., Akron, O. "Frigid-tone"  
 Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulf Permanent"  
 Hollingshead (R. M.) Corp., Camden, N. J. "Whis"  
 Miller (A. D.) Sons Co., 1801 Preble Av., Pittsburgh, Pa. "Miller Can't Freeze"  
 Mitrolite Mfg. Co., Queens Blvd., Long Island City, N. Y. "Never Freeze"  
 National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready Prestone"  
 Permatex Co., Sheepshead Bay, N. Y. "Non-Freeze-En"  
 Publicker Commercial Alcohol Co., 1800 W. Lehigh Av., Phila., Pa. "Super Thermo," "Thermo Royal"  
 Randall Products Mfg. Co., 118 Classon Av., Bklyn., N. Y. "Lac Freeze"  
 St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X"  
 Scientific Mfg. Co., Scranton, Pa. "All-in-One"  
 Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "Mobil"  
 Stanley (John T.) Co., 642 W. 30th, New York, N. Y. "Mobo"  
 U. S. Industrial Chemicals, Inc., 60 E. 42nd, New York, N. Y. "Pyro"

**ANTIMONIAL LEAD**—See **Lead, Antimonial**

**ANTI-RATTLERS, Window**

Aro Specialties, 34 Leonard, Buffalo, N. Y.  
 Brown, John Clark, 625 Lexington Av., New York, N. Y. "Kenberry"  
 Corbin, P. & F., New Britain, Conn.  
 Essex Rubber Co., Trenton, N. J.  
 Graffam Metal Prod. Co., Worcester, Mass. "Kings"  
 Ives (H. B.) Co., New Haven, Conn.  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Superior Fastener Corp., 5224 N. Clark, Chicago, Ill. "Stop-A-Rattle"  
**ANTISEPTIC TREE PAINT**—See **Paints, Tree, Antiseptic**

**ANTI-SPLASHERS, Faucet**

Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Faucetqueen Co., 205 W. Wacker Drive, Chicago, Ill. "Faucet-Queen"  
 General Hdwe. Co., 16 Warren, New York, N. Y.  
 Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.  
 Liberty Products Co., West Toledo Station, Toledo, O.  
 Metamora Rubber Works, Metamora, O.  
 Schacht Rubber Mfg. Co., Huntington, Ind.  
 Seed Filter & Mfg. Co., Inc., 343 B'way, New York, N. Y. "Seeco"  
**ANVIL TOOLS**—See **Tools, Anvil**

**ANVIL and VISE, Combined**

American Scale Co., Kansas City, Mo.  
 Bonney Forge & Tool Wks., Allentown, Pa. "Gipsy"  
 Champion Blower & Forge Co., Lancaster, Pa.  
 Chicago Flexible Shaft Co., 5600 W. Roosevelt Rd., Chicago, Ill. "Handy Worker"  
 Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.  
 Ennis Mfg. Co., 316 Maple, Reading, Pa.  
 Illinois Iron & Bolt Co., Carpentersville, Ill.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way, New York, N. Y. "Trident"  
 Phoenix Hardware Mfg. Co., Buffalo, N. Y.  
 Prentiss Vise Co., Little Falls, N. Y.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Southern Skein & Foundry Co., Chattanooga, Tenn.  
 Swett (A. L.) Iron Works, Medina, N. Y.  
 Yost Mfg. Co., Meadville, Pa.

**ANVILS, Bench**

Bonney Forge & Tool Wks., Allentown, Pa. "Gipsy"  
 Champion Blower & Forge Co., Lancaster, Pa.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Universal"  
 Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.  
 Columbus Anvil & Forging Co., Columbus, O. "Arm & Hammer"  
 National Sewing Machine Co., Belvidere, Ill. "Vindex"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Stearns (E. C.) & Co., Syracuse, N. Y.  
 Western Hardware & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Midket"

**ANVILS, Blacksmiths'**

American Skein & Fdry Co., Racine, Wis. "Badger"  
 Champion Blower & Forge Co., Lancaster, Pa.  
 Columbus Anvil & Forging Co., Columbus, O. "Arm & Hammer"  
 Columbus Forge & Iron Co., Columbus, O. "Trenton"  
 Fisher & Norris, Trenton, N. J. "Eagle"  
 Graham (John) & Co., Inc., 105 Duane, New York, N. Y. "Peter Wright" (British)

Illinois Iron & Bolt Co., Carpentersville, Ill. "Vulcan"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Southern Skein & Foundry Co., Chattanooga, Tenn. "Southern Crescent"

**ANVILS, Saw Makers**

Atkins (E. C.) & Co., Indianapolis, Ind.  
**APARTMENT MAIL BOXES**—See **Boxes, Mail, Apartment**  
**APIARY SUPPLIES**—See **Bee Keepers' Supplies**  
**APPLE CORERS**—See **Corers, Fruit and Vegetable**  
**APPLE PARERS**—See **Parers, Fruit and Vegetable**  
**APPLE SLICERS**—See **Slicers, Fruit and Vegetable**

**APPLICATORS, Wax**

Algoma Mfg. Co., Algoma, Wis. "Amco"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J.  
 Clark Quality Products, Inc., 158 Hagus, Rochester, N. Y. "Clark's Lady Waxer"  
 Franklin Research Co., 5134 Lancaster Av., Philadelphia, Pa.  
 Herman's Novelty Mfg. Co., 185 Clymer, Bklyn., N. Y. "Eze"  
 Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y.  
 Leiner (Geo. S.) & Co., 1250 Brook Av., New York, N. Y.  
 Lowe (S.) & Sons Co., Fairfield, Conn. "Hi-Gloss"  
 O'cedar Corp., 4501 S. Western Av., Chicago, Ill. "O'cedar"  
 Rubon Woodfinishing & Products Co., 500 W. 7th, Kansas City, Mo.  
 Thornton (L. M.) Mfg. Co., 2825 East 18th, Kansas City, Mo.  
 Washburn (T. F.) Co., 2244 Elston Av., Chicago, Ill. "4 in 1"  
 Wilbert Products Co., Inc., 805 E. 139th, New York, N. Y.

**APRONS, Canvas**

Advertising Mfg. Co., Ripon, Wis.  
 American Textile Products Co., 1515 Coit Av., East Cleveland, O.  
 Baker-Lockwood Mfg. Co., Inc., Kansas City, Mo.  
 Bemis Bros. Mfg. Co., St. Louis, Mo.  
 Berk (F. O.) Co., Spokane, Wash.  
 Clifton Mfg. Co., Waco, Tex.  
 Coshocton Mfg. Co., 334 N. 2nd, Coshocton, O.  
 Couch Bros. Mfg. Co., Atlanta, Ga.  
 Cyclone Mfg. Co., Urbana, Ind. "Handy Andy"  
 Daniels (C. R.), Inc., 101 Crosby, New York, N. Y.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 Gross, Wm. M., Sharon, Pa. "Notare"  
 Johnson (J. W.) Co., Chicago, Ill.  
 K. C. Fabric Products Co., Kansas City, Mo.  
 Marso & Rodenborn Mfg. Co., Fort Dodge, Ia.  
 New York Advertising Cap Co., Inc., 96 Spring New York, N. Y.  
 Standard Awning Co., 83 Avon, Hartford, Conn.

**APRONS, Leather**

Atlantic Mfg. Co., Wilmington, Del.  
 California Tanning Co., St. Louis, Mo.  
 Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
 Graton & Knight Co., Worcester, Mass.  
 Hudson Belting Co., Worcester, Mass.  
 Pick, Richard & Heller Co., Chicago, Ill.

**AQUAPLANES**

Brinsmere Boat & Cycle Co., Milwaukee, Wis. "Aqua Cycle"  
 Indian Archery & Toy Corp., Evansville, Ind.  
**AQUARIUM CEMENT**—See **Cement, Aquarium**  
**AQUARIUM ELECTRIC HEATERS**—See **Heaters, Aquarium, Electric**  
**AQUARIUM STANDS**—See **Stands, Aquarium and Plant**

**AQUARIUMS**

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Beldt's Aquarium, St. Louis, Mo.  
 Cambridge Glass Co., Cambridge, O.  
 Dearborn Glass Co., 2500 W. 21st, Chicago, Ill.  
 Fry (H. C.) Glass Co., Rochester, Pa.  
 Jensen (Hans) Mfg. Co., Inc., Chicago, Ill. "Jewel"  
 McKee Glass Co., Jeannette, Pa. "Glasbake" (Fish Bowls)  
 Peerless Aquarium Co., 33-10 36th Av., Long Island City, N. Y.  
**ARBOR PRESSES**—See **Presses, Arbor**

**ARBORS, Chuck, Lathe, Milling Machines, Etc.**

Jacobs Mfg. Co., Hartford, Conn.  
 Millers Falls Co., Greenfield, Mass.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 Skinner Chuck Co., New Britain, Conn.  
 Standard Tool Co., Cleveland, O.  
 Union Twist Drill Co., Athol, Mass.  
 Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J.  
 Whitman & Barnes, Inc., Detroit, Mich.  
**ARBORS, Lathe**—See **Arbors, Chuck, Lathe**



# "I'm Satisfied—

The Many Uses My Customers Find  
for **R-V-LITE**  
**VITAPANE**  
—Make Many Sales For Me!"



## R-V-LITE VITAPANE

*"Champion of  
Transparent  
Glass Substitutes"*

**PROFITABLE  
NEW SALES**

**Admits  
60%  
ULTRA VIOLET  
RAYS**

DAYLIGHT-CLEAR TRANSPARENCY

### **JOBBERS!**

Some Excellent Territory  
Open! Write Today.  
Samples and All Facts By  
Return Mail.

**CAN BE USED WHEREVER GLASS IS USED**

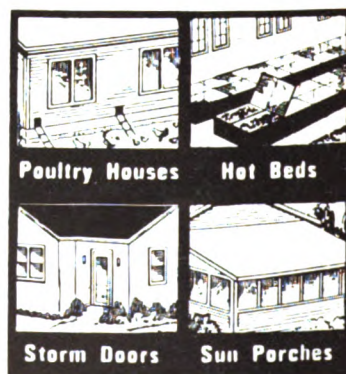
Here's the Amazing new glassy material that's fast becoming the leading seller! You make *extra sales* with R-V-LITE (VITAPANE) because your customers find so many more uses for it.

### **EASY TO INSTALL**

**No Glass Cutting — No Putty**

**R-V-LITE (VITAPANE)** is odorless, greaseless, does not stick, discolor or become brittle.

**R-V-LITE (VITAPANE)** comes in 36 in. rolls, 50 ft. and 50 yds. long. Your customers are **Guaranteed Satisfaction!** Costs Much Less Than Glass.



**Write For Money-Making Dealer Proposition and Free Sample!**

## **ARVEY CORPORATION**

*Exclusive Manufacturers of R-V-LITE*

**3470 NORTH KIMBALL AVENUE**

**CHICAGO, ILLINOIS**

**Mention Hardware Age When Writing**

Digitized by Google



**ARBORS, Milling Machines**—See Arbors, Chuck Lathes, Milling Machines, etc.

## ARCHERY TACKLE

American Archery Co., Clarendon Hills, Ill.  
American Fork & Hoe Co., Geneva, O. "True Temper"  
Bear Products Co., 4702 Burlingame Av., Detroit, Mich.  
Indian Archery & Toy Corp., Evansville, Ind. "Black Hawk," "Blue Bear," "Maud," "Red Wing," "Seminole," "Tommy Hawk," "White Eagle"  
Martin (Boyd) Mfg. Co., South Bend, Ind. "Chief"  
Noble Sports Equipment, 175 Fifth Av., New York, N. Y.  
Pearson (Ben) Inc., Pine Bluff, Ark.  
Rome Specialty Co., Inc., Rome, N. Y.  
Rome Sporting Goods Mfg. Co., Rome, N. Y.  
Rounsaville-Rohm, Inc., Hazel Crest, Ill. "Roco"  
Stemmler (L. E.) Co., Queens Village, Long Island, N. Y.

## ARCHES, Gateway

Anchor Post Fence Co., Baltimore, Md.  
Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Ave., Cincinnati, O.  
Cyclone Fence Co., Waukegan, Ill.  
Davis & Siehl Co., Chicago, Ill.  
Logan Co., Louisville, Ky.  
Rowe Mfg. Co., Galesburg, Ill.  
Smith (John P.) Co., New Haven, Conn.  
Standard Fence Co., Oakland, Cal.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

**ARCHES, Iron**—See Arches, Gateway

**ARCHES, Wire**—See Trellises

**ARCHITECTURAL IRON WORKS**—See Iron Work, Ornamental

**AREA GRATINGS**—See Gratings, Iron and Steel

**ARMORED CABLE CUTTERS**—See Cutters, Cable, Armored

**ARMORED FLEXIBLE STEEL CABLE**—See Cable, Flexible Steel Armored

## ARRESTERS, Lightning, Electric Fence

Accessories Mfg. Co., 4612 N. Clark, Chicago, Ill.  
Porcelain Products, Inc., Findley, O.

## ARRESTERS, Lightning, Radio

American Automatic Electric Sales Co., Chicago, Ill. "Ajax"  
Berkelaw Elec. Mfg. Co., Middletown, O.  
Birnback Radio Co., Inc., 139 Hudson, New York, N. Y.  
Brach (L. S.) Mfg. Co., 129 Sussex Av., Newark, N. J. "Arres-tenna"  
Branston (Chas. A.) Co., Buffalo, N. Y.  
Circle F Mfg. Co., Trenton, N. J. "Little Joe"  
Fleron (M. M.) & Son, Inc., Trenton, N. J. "Sentinel"  
National Elec. Specialty Co., Toledo, O. "Vac-M"  
Porcelain Products, Inc., Findlay, O.  
Swan-Haverstick, Inc., Trenton, N. J. "Safe-Guard"

**ARSENATE OF LEAD**—See Lead Arsenate

**ARTIFICIAL CHRISTMAS TREES**—See Trees, Christmas, Artificial

**ARTIFICIAL FISH BAITS**—See Baits, Fish, Artificial

**ARTIFICIAL GRASS**—See Grass, Artificial

**ARTIFICIAL LEATHER**—See Leather, Artificial

**ARTIFICIAL SNOW**—See Snow, Artificial

**ARTIFICIAL WREATHS**—See Wreaths, Christmas

**ARTISTS' BRUSHES**—See Brushes, Artists'

**ARTISTS' KNIVES**—See Knives, Artists'

**ASBESTOS-CEMENT BOARD INSULATION**—See Insulation, Board, Asbestos-Cement

**ASBESTOS CUTTING TOOLS**—See Tools, Asbestos and Slate, Cutting

**ASBESTOS GLOVES**—See Gloves, Asbestos

**ASBESTOS MILL BOARDS**—See Boards, Mill Asbestos

**ASBESTOS PACKING**—See Packing, Asbestos

**ASBESTOS PAPER**—See Paper, Asbestos

**ASBESTOS PIPE COVERING**—See Covering, Pipe, Asbestos

## ASBESTOS PRODUCTS

Acme Asbestos Covering & Flooring Co., Chicago, Ill.  
Asbestos Textile Co., Inc., 728 N. La Salle, Chicago, Ill. "Astec"  
Atlas Asbestos Co., North Wales, Pa.  
Carey (Philip) Co. (Lockland), Cincinnati, O.  
Johns-Manville Corp., 22 E. 40th, New York, N. Y.  
Keasy & Mattison Co., Ambler, Pa.  
Sall Mountain Co., 176 W. Adams, Chicago, Ill. "Sall-Mo"  
Standard Asbestos Mfg. Co., Chicago, Ill.  
Union Rubber & Asbestos Co., Trenton, N. J.  
**ASBESTOS ROOFING**—See Roofing, Asbestos  
**ASBESTOS SHINGLES**—See Roofing, Asbestos  
**ASBESTOS STOVE MATS**—See Mats, Stove, Asbestos  
**ASBESTOS TABLE MATS**—See Mats, Table, Asbestos  
**ASBESTOS TREE TORCHES**—See Torches, Tree, Asbestos  
**ASBESTOS WICKING**—See Wicking, Asbestos  
**ASH CAN COVERS**—See Covers, Can, Ash

**ASH CAN TRUCKS**—See Trucks, Hand

**ASH CANS**—See Cans, Ash

**ASH CRANES**—See Hoists, Ash

**ASH DUMPS**—See Dumps, Ash

**ASH HANDLES**—See Handles, Ash

**ASH HOISTS**—See Hoists, Ash

**ASH LIFTS**—See Hoists, Ash

**ASH PIT DOORS**—See Doors, Ash Pit

**ASH RECEIVERS**—See Receivers, Ash, Cigar; also Receivers, Ash, Furnace

**ASH SIEVES**—See Sieves, Ash

**ASH SIFTERS**—See Sifters, Ash

**ASH TRAYS**—See Receivers, Ash, Cigar

**ASPARAGUS KNIVES**—See Knives, Asparagus

**ASPARAGUS STEAMERS**—See Steamers, Asparagus

**ASPHALT CEMENT**—See Cement, Roofing

**ASPHALT PAINTS**—See Paints, Asphalt

**ASPHALT RAKES**—See Rakes, Asphalt

**ASPHALT ROOFING**—See Roofing, Asphalt

**ASPHALT SHINGLES**—See Shingles, Asphalt

**ASPHALTUM VARNISHES**—See Varnishes

## ASSORTMENTS, Sole Leather, Display

Karno (L.) & Co., 721 W. 13th, Chicago, Ill.  
Wildner & Company, 1038 N. Crosby, Chicago, Ill.  
"Long-Wear," "Serve-Well"  
"Wildner's Lion"

**ASSORTMENTS, CABINET HARDWARE**—See Cabinet Kitchen Hardware

**ASSORTMENTS, Spring**—See Springs, in Assortment

## ASSORTMENTS, Tackle, Fishing

Enterprise Mfg. Co., Dept. HA, Akron, O. "Bed-rock," "Buddle Hook," "Catchie Hook," "Defender," "Favorite," "Hande-Pak Hook," "New Universal," "Portage," "Rambler," "Traveler," "Victor"  
Frost (G. W.) & Sons, Stevens Point, Wis. "Frosta," "Supreme," "3 for 25"  
Horrocks-Ibbotson Co., Dept. S, Utica, N. Y. "Unxld"  
South Bend Bait Co., South Bend, Ind.  
Weber Lifelike Fly Co., Stevens Point, Wis.

## ASTRAGALS, Door, Metal

Michaels Art Bronze Co., Covington, Ky.  
**ATHLETIC BELTS**—See Belts, Athletic  
**ATHLETIC FIELD MARKERS**—See Markers, Field, Athletic  
**ATHLETIC GOODS**—See article desired  
**ATHLETIC GRIPS**—See Grips, Athletic  
**ATHLETIC HAMMERS**—See Hammers, Athletic  
**ATHLETIC SUPPORTERS**—See Supporters, Athletic  
**ATTACHMENT PLUGS**—See Plugs, Attachment  
**ATTIC FANS**—See Fans, Attic, Electric  
**AUGER BIT GAGES**—See Gages, Bit, Auger  
**AUGER BIT SETS**—See Sets, Bit, Auger  
**AUGER BITS**—See Bits, Auger  
**AUGER HANDLES**—See Handles, Auger

## AUGERS, Closet and Sewer

Air Cleaning Equipment Co., 2119 Prospect Av., Cleveland, O. "Flexicoil"  
American Pipe Tool Co., Harrison and Kolmar Av. Chicago, Ill.  
Chicago Specialty Mfg. Co., Chicago, Ill.  
Coleman, Allan J., 120 W. Illinois, Chicago, Ill.  
Dowsett Spring Co., Dowagiac, Mich.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Fischer (Chas.) Spring Co., 240 Kent Av., B'klyn. N. Y. "Cardinal"  
Fritz Mfg. Co., 3518 N. Clark, Chicago, Ill.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
General Wire Spring Co., 704 2nd Av., Pittsburgh, Pa.  
Healey (Lee) Co., 1102 S. Main, Los Angeles, Cal. "Healey"  
House (Chas. F.) Mfg. Co., Inc., Omaha, Neb.  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"  
Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.  
Mueller Co., Decatur, Ill.  
Scovill Mfg. Co., Waterbury, Conn.  
Wolverine Brass Wks., Grand Rapids, Mich.

**AUGERS, EARTH**—See Augers, Post Hole

## AUGERS, Hollow

Millers Falls Co., Greenfield, Mass.  
Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escoco"  
Swan (James) Co., Seymour, Conn.  
Wood (A. A.) & Sons Co., Atlanta, Ga. "Universal"  
**AUGERS, Ice**—See Tools, Ice

## AUGERS, Miners'

Leetonia Tool Co., Leetonia, O.  
Martin Hardsocg Co., Pittsburgh, Pa.  
Peglar Mch. Co., Chattanooga, Tenn.  
Salem Tool Co., Salem, O.  
Snell Mfg. Co., Fiskdale, Mass.  
Warwood Tool Co., Wheeling, W. Va.

## AUGERS, Nut

Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Irwin"  
Pugh (Job T.) Inc., Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.  
Swan (James) Co., Seymour, Conn.

## AUGERS, Post Hole, Etc.

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
Chance Co., Centralia, Mo.  
Dicke Tool Co., Downers Grove, Ill.  
Fulton Tool Wks., Inc., Huntington, W. Va.  
Hall Mfg. Co., Cedar Rapids, Ia.  
Iwan Bros., South Bend, Ind. "Genuine Iwan," "Vaughan"  
Ohio Cultivator Co., Bellevue, O. "Cyclone"  
Pugh (Job T.) Inc., Phila., Pa.  
Seymour Mfg. Co., Inc., Seymour, Ind. "Fenn," "Iwan Pattern," "Seymour Adjustable," "Vaughan"  
Star Bit & Tool Co., Rockford, Ill.

## AUGERS, Pumplog

Irwin Auger Bit Co., Wilmington, O. "Irwin"  
Pugh (Job T.) Inc., Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.

## AUGERS, Rafting

Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Irwin"  
Pugh (Job T.) Inc., Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.  
Swan (James) Co., Seymour, Conn.

## AUGERS, Ring

Drew (C.) & Co., Kingston, Mass.  
Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Irwin"  
Jennings (Russell) Mfg. Co., Chester, Conn.  
Pugh (Job T.) Inc., Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.  
Swan (James) Co., Seymour, Conn.

## AUGERS, Ship

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich. (Tree Surgeons)  
Forest City Bit & Tool Co., Rockford, Ill.  
Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Irwin"  
Millers Falls Co., Greenfield, Mass.  
Preston, A. C., Tracy, Conn.  
Pugh (Job T.) Inc., Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.  
Star Bit & Tool Co., Rockford, Ill.  
Swan (James) Co., Seymour, Conn.

## AUGERS, Sink

Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
Dowsett Spring Co., Dowagiac, Mich.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Fritz Mfg. Co., 3518 N. Clark, Chicago, Ill.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill.  
"Gardner"  
General Wire Spring Co., 704 2nd Av., Pittsburgh, Pa.  
Healey (Lee) Co., 1102 S. Main, Los Angeles, Cal. "Healey"  
Scovill Mfg. Co., Waterbury, Conn.  
Stow Mfg. Co., Inc., Binghamton, N. Y. "Sanl Snake"

## AUGERS, Treenail

Drew (C.) & Co., Kingston, Mass.  
Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Irwin"  
Pugh (Job T.) Inc., Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.

**AUTOMATIC DRAFT SEAL DOOR BOTTOMS**—See Bottoms, Door, Draft Seal, Automatic

**AUTOMATIC DRILLS**—See Drills, Automatic

**AUTOMATIC SPRING DOOR BOTTOMS**—See Bottoms, Door, Spring, Automatic

**AUTOMATIC ELECTRIC TIMERS**—See Clocks, Time, Switch

**AUTOMATIC EXTENSION LAMP REELS**—See Reels, Automatic Extension Lamp

**AUTOMATIC FIELD SPRAYERS**—See Sprayers, Field, Automatic

**AUTOMATIC FIRE ESCAPES**—See Fire Escapes, Automatic

**AUTOMATIC FUEL PUMPS**—See Pumps, Fuel, Automatic

**AUTOMATIC FURNACE FANS**—See Fans, Furnace, Automatic

**AUTOMATIC and RAPID FIRE GUNS, Toy**—See Guns, Automatic and Rapid Fire, Toy

**AUTOMATIC LOWERING JACKS**—See Jacks, Automatic Lowering

**AUTOMATIC PISTOLS**—See Pistols, Automatic

**AUTOMATIC PUMPS**—See Pumps, Automatic

**AUTOMATIC SCREW DRIVERS**—See Screw Drivers, Ratchet, Spiral

**AUTOMATIC STAPLE HAMMERS**—See Hammers, Staple, Automatic







**AUTOMATIC TIME SWITCH CLOCKS**—See Clocks, Time, Switch

**AUTOMATIC ELECTRIC TOASTERS**—See Toasters, Automatic, Electric

**AUTOMATIC WATER SUPPLY SYSTEMS**—See Water Supply Systems, House

**AUTOMOBILE BABY SEATS**—See Seats, Baby, Automobile

**AUTOMOBILE BEDS or BERTHS**—See Beds or Berths

**AUTOMOBILE BODY and FENDER TOOLS**—See Tools, Automobile, Body and Fender

**AUTOMOBILE BODY SOLDER**—See Solder, Automobile Body

**AUTOMOBILE CAR TOP CARRIERS**—See Carriers, Fishing Rods, Oars and Skis, for Autos

**AUTOMOBILE CREEPERS**—See Creepers, Automobile

**AUTOMOBILE CYLINDER HEADS**—See Heads, Cylinder, Automobile

**AUTOMOBILE CYLINDER SLEEVES**—See Sleeves, Cylinder, Automobile

**AUTOMOBILE ELEVATORS**—See Elevators, Carriage, Automobile, Etc.

**AUTOMOBILE ENAMELS**—See Paints

**AUTOMOBILE FENDER and BODY TOOLS**—See Tools, Automobile, Body and Fender

**AUTOMOBILE FIRE EXTINGUISHERS**—See Extinguishers, Fire, Automobile

**AUTOMOBILE FLARES**—See Flares, Highway Lighting

**AUTOMOBILE FUSES**—See Fuses, Automobile

**AUTOMOBILE HAMMOCKS**—See Hammocks, Automobile

**AUTOMOBILE HEADLIGHT SIGNAL DEVICES**—See Devices, Signal, Headlight, Automobile

**AUTOMOBILE HEADLIGHTS**—See Lamps, Head

**AUTOMOBILE HEATERS**—See Heaters, Automobile

**AUTOMOBILE ICE BOXES**—See Boxes, Ice, Picnic

**AUTOMOBILE INNER TUBES**—See Tubes, Automobile

**AUTOMOBILE JACKS**—See Jacks, Automobile

**AUTOMOBILE LAMP BULBS**—See Lamps or Bulbs, Electric, Miniature

**AUTOMOBILE LUGGAGE CARRIERS**—See Carriers, Luggage

**AUTOMOBILE MOTOR WARMERS**—See Warmers, Motor, Automobile

**AUTOMOBILE PAINTS**—See Paints

**AUTOMOBILE PISTON PINS**—See Pins, Piston, Automobile

**AUTOMOBILE PISTONS**—See Pistons, Automobile

**AUTOMOBILE POLISHES**—See Polishers, Automobile

**AUTOMOBILE POLISHING MITTENS**—See Mittens, Polishing

**AUTOMOBILE POWER SPRAYERS**—See Sprayers, Auto Power

**AUTOMOBILE RADIATOR FILLER CANS**—See Cans, Radiator Filler

**AUTOMOBILE RECEIVING SETS**—See Sets, Automobile, Receiving, Radio

**AUTOMOBILE SPARK PLUGS**—See Plugs, Spark

**AUTOMOBILE TAIL LIGHTS**—See Lights, Tail

**AUTOMOBILE TIRE CHAINS**—See Chains or Cables, Tire, Non-Skid

**AUTOMOBILE TIRE LOCK CHAINS**—See Chains, Tire Lock

**AUTOMOBILE TIRE MATS**—See Mats, Automobile Tire

**AUTOMOBILE TIRE VALVES**—See Valves, Tire

**AUTOMOBILE TIRE VULCANIZERS**—See Vulcanizers, Tire

**AUTOMOBILE TIRES**—See Tires, Automobile; also Tubes, Automobile

**AUTOMOBILE TOW LINES**—See Ropes, Chains and Bars, Tow

**AUTOMOBILE TRAILERS**—See Trailers, Automobile

**AUTOMOBILE TRUNKS**—See Trunks, Automobile

**AUTOMOBILE VALVE GRINDING COMPOUNDS**—See Compounds, Valve Grinding

**AUTOMOBILE VALVE LIFTERS**—See Lifters, Valve, Automobile

**AUTOMOBILE VENETIAN BLINDS**—See Blinds, Venetian, Automobile

**AUTOMOBILE WHEEL BOLTS**—See Bolts, Wheel, Automobile

## AUTOMOBILES, Juvenile

American National Co., Toledo, O.  
 Carlton Toy Co., Sheboygan, Wis.  
 Gendron Wheel Co., Toledo, O. "Pioneer"  
 Murray-Ohio Mfg. Co., Cleveland, O. "Steelcraft"  
 Ruffy Racers, Inc., Toledo, O. "Airfo"

**AUTOMOBILES, Toy**  
 All Metal Products Co., Wyandotte, Mich.  
 Arcade Mfg. Co., Freeport, Ill. "Greyhound Trailer"  
 "Burr"  
 "L" Mfg. Co., East Moline, Ill. "Pull-N-Ride"  
 Buffalo Toy & Tool Wks., Buffalo, N. Y. "U-16"

Dobson (H. Hudson) Co., 200 Fifth Av., New York, N. Y. "Dobby"  
 Dowst Mfg. Co., Chicago, Ill. "Tootsietoy"  
 Gendron Wheel Co., Toledo, O. "Pioneer," "Samson"  
 Gibbs Mfg. Co., Canton, O.  
 Hamlin Metal Products Co., 58 W. Exchange, Akron, O.  
 Hubley Mfg. Co., Lancaster, Pa. "Hubley"  
 Kenton Hdw. Co., Kenton, O. "Pickwick Nite Coach"  
 Kilgore Mfg. Co., Westerville, O.  
 Kingsbury Mfg. Co., Keene, N. H. "Airflow," "Bluebird," "Golden Arrow," "Radio Coupe" (Electrically Lighted)  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Master Ride-On"  
 Steel Stamping Co., Lorain, O.  
 Turner (John C.) Corp., Wapakoneta, O. "Turner"  
 Wolverine Supply & Mfg. Co., Pittsburgh, Pa.

## AWLS, Belt

Manufacturers' Belt Hook Co., Chicago, Ill. "L-X," "Lothrop"  
 Osborne (C. S.) & Co., Harrison, N. J.  
 Swan (Jas.) Co., Seymour, Conn.  
 Tuck Mfg. Co., Brockton, Mass.

## AWLS, Brad

Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Stanley Tools Div. Stanley Works, New Britain, Conn. "Hurdwood"  
 Tuck Mfg. Co., Brockton, Mass.

## AWLS, Harness, Etc.

Dikeman Mfg. Co., Norwalk, Conn.  
 Osborne (C. S.) & Co., Harrison, N. J.  
 Tuck Mfg. Co., Brockton, Mass.  
 AWLS, Marking—See Awls, Scratch  
 AWLS, Peg—See Awls, Harness, Etc.

## AWLS, Scratch

Buck Bros., Millbury, Mass.  
 Crescent Tool Co., Jamestown, N. Y. "Crescent"  
 Forsberg Mfg. Co., 125 Sea View Av., Bridgeport, Conn. "Viking"  
 Johnson (Wm.), Inc., 36 Brenner, Newark, N. J.  
 Millers Falls Co., Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Robinson (M. W.) Co., 28 Warren, New York, N. Y.  
 Ryan (James J.) Tool Wks., Southington, Conn.  
 Sargent & Co., New Haven, Conn.  
 Stanley Tools Div. Stanley Works, New Britain, Conn. "Hurdwood"  
 Swan (Jas.) Co., Seymour, Conn.  
 Tuck Mfg. Co., Brockton, Mass.  
 Union Tool Co., Orange, Mass.  
 Winsted Edge Tool Wks., Winsted, Conn. "Witherby"

## AWNING HARDWARE

Awning Hdw. Co., Baltimore, Md. "Little Sunshine"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Coruin, P. & F., New Britain, Conn.  
 Coyle (H. B.) Co., 1424 N. 31st., Phila., Pa. "Keystone"  
 Goss (J. C.) Co., Detroit, Mich.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Judd (H. L.) Co., Wallingford, Conn.  
 Kentucky Tent & Awning Co., Louisville, Ky. "Bartlett"  
 Neptune Hdw. Mfg. Co., 70 Duane, New York, N. Y.  
 North & Judd Mfg. Co., New Britain, Conn.  
 Parker Wire Goods Co., Worcester, Mass.  
 Reading Hardware Corp., Reading, Pa.  
 Roebbling's (John A.) Sons Co., Trenton, N. J.  
 Sargent & Co., New Haven, Conn.  
 Thomas Mfg. Co., Cedar Rapids, Ia.  
 Washburn Company, Worcester, Mass.  
 Wilcox, Crittenden & Co., Inc., 77 E. Main, Middletown, Conn.

## AWNING HOOKS—See Hooks, Sign

## AWNING LINES—See Lines, Awning

## AWNING RING FASTENERS—See Fasteners, Ring, Awning

## AWNING ROPE—See Rope, Awning

## AWNINGS—See Tents and Awnings

## AXE DISPLAY RACKS—See Racks, Axe Display

## AXE HANDLES—See Handles, Hickory; also Handles, Oak

## AXE SCABBARDS—See Sheaths, Axe

## AXE SHEATHS—See Sheaths, Axe

## AXE STONES—See Stones, Axe

## AXE WEDGES—See Wedges, Axe, Hammer and Hatchets

## AXES, Boy Scout, Forged Steel

Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Official Boy Scout"  
 Collins Co., Collinsville, Conn. "Collins Legitimus"  
 Eastwing Mfg. Co., Rockford, Ill. "Unit-Ax," "Unbreakable," "Util-Ax"  
 Evansville Tool Wks., Div. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Defender," "Evansville," "New Advance"  
 Griffith Tool Wks., Germantown, Phila., Pa. "Franklin"

Hawkins Co., South Britain, Conn. "Blake & Lamb Trapper"  
 Kelly Axe & Tool Wks. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Flint Edge," "True Temper," "World's Finest"  
 Mann Edge Tool Co., Lewistown, Pa. "American Volunteer," "Bald Eagle," "Buck Horn," "Jack Frost," "Mann's Special," "Red Top"  
 Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble's"  
 Peavey Mfg. Co., Brewer, Me.  
 Plumb (Fayette R.), Inc., Phila., Pa. "Official Scout"  
 Rixford Mfg. Co., East Highgate, Vt. "Ebony," "Ethan Allen," "Pride of Vermont," "Ready for Use"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Campo Safety" (Swedish)  
 Standard Products Co., Clinton, Mass. "Tomahawk"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel," "Value"  
 Warren Axe & Tool Co., Warren, Pa. "Old Faithful," "Sager"

## AXES, Cast Iron

Ennis Mfg. Co., Reading, Pa.

## AXES, Double Bit—See Axes, Single & Double Bit, Forged Steel

## AXES, Firemen's, Forged Steel

Collins Co., Collinsville, Conn. "Collins Legitimus"  
 Evansville Tool Wks., Div. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Evansville"  
 Kelly Axe & Tool Wks. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Lippincott," "Standard," "Underhill"  
 Mann Edge Tool Co., Lewistown, Pa. "True American"  
 Peavey Mfg. Co., Brewer, Me.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel"  
 Warren Axe & Tool Co., Warren, Pa. "Warren"

## AXES, Ice, Forged Steel

Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
 Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.

## AXES, Single and Double Bit, Cast Steel

United States Tool Corp., Louisiana, Mo.

## AXES, Single and Double Bit, Forged Steel

Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Evertite," "Sportsman," "Tomahawk"  
 Collins Co., Collinsville, Conn. "Charter Oak," "Collins Legitimus," "Hercules," "Homestead," "Junata," "Keystone," "King," "Old Times," "Red Knight," "Red Seal," "Superior"  
 Council Tool Co., Wyananish, N. C. "Council"  
 Emerson & Stevens Mfg. Co., Oakland, Me. "Diamond," "Lumberman's Pride," "Pine Tree," "Pioneer"  
 Evansville Tool Wks., Div. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Aristocrat," "Defender," "Evansville," "Grand Leader," "New Advance," "X-Pert"  
 Kelly Axe & Tool Wks. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Americanax," "Black Chief," "Black Raven," "Blair's Victor," "Blood's," "Cedar," "Champion," "Chip Slinger," "Chippewa Chief," "Choppers Support," "Columbian," "Copper King," "Cracker Jack," "Cruisers," "Demon," "Duquesne," "Falls City," "Farmer's Friend," "Flint Edge," "Hand Honed," "Hand Made," "Hottentot," "Hunt's," "Invincible," "Jim Dandy," "Kelly Perfect," "Kelly Regale," "Kelly Standard," "Knot Chopper," "Lippincott," "Mountaineer," "New Era," "Niagara," "Paul Bunyan," "Peerless," "Perfect," "Red Rover," "Red Warrior," "Registered," "Robert Man," "Silver Eagle," "Standard," "True Temper," "Underhill," "Union Tool Co., "Usuna," "Vulcan," "Woodslasher," "World's Finest"  
 King Axe & Tool Co., Oakland, Me. "Little Giant"  
 Mann Edge Tool Co., Lewistown, Pa. "True American"  
 Peck, Stow & Wilcox Co., Southington, Conn. "Black Bird," "Easy Cut," "Iroquois," "Pexto"  
 Peavey Mfg. Co., Brewer, Me.  
 Plumb (Fayette R.) Inc., Phila., Pa. "Dixie Edge," "Dreadnaught," "Liberty," "Plumb Champion"  
 Rixford Mfg. Co., East Highgate, Vt. "Ebony," "Pride of Vermont," "Rixford," "Ready for Use," "Vermont Clipper," "Ethan Allen," "Green Mountain"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Banko" (Swedish)  
 Snow & Nealley Co., Bangor, Me. "Our Best"  
 Stanley Tools Div. Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Chicago," "Sub-Zero," "Supersteel," "Swedish Steel," "Twentieth Century," "V & B"  
 Warren Axe & Tool Co., Warren, Pa. "Forest King," "Hiawatha," "Matchless," "Monarch," "Old Faithful," "Romer Lake City," "Sager," "Warren"

# FACTORY BUILT-IN ACCURACY

## MASONS' WOOD LEVELS



No. 3-A—42" or 48" x 2½" x 1¼" 4 Plumbs, 2 Levels, Protected glasses. Weight 3½ lbs.  
60" or 72" x 3" x 1¼" 4 Plumbs, 2 Levels, Protected glasses. Weight 4 lbs.



No. 7-A—(Brass Bound) 42" or 48" x 2½" x 1¼" 4 Plumbs, 2 Levels, Protected glasses. Wgt. 3½ lbs.  
60" or 72" x 3" x 1¼" 4 Plumbs, 2 Levels, Protected glasses. Weight 5 lbs.



No. 5-A—(Brass Bound) 42" or 48" x 2½" x 1¼" 4 Plumbs, 2 Levels, Protected glasses.  
Weight 3½ lbs.

## MASONS' ALUMINUM LEVELS



No. 42—42" x 2½" x 1¼", 6 Glasses, 4 Plumbs, 2 Levels, Protected glasses.  
Weight 3½ lbs.—All Aluminum Levels will plumb either end or level edge up.  
No. 48—48" x 2½" x 1¼", 6 Glasses, 4 Plumbs, 2 Levels, Protected glasses.  
Weight 4½ lbs.—All Aluminum Levels will plumb either end or level edge up.

## CARPENTERS' WOOD LEVELS



No. 677—12", 16", 18", 20" x 2½" x 1¼", 1 Plumb,  
1 Level, Protected glasses. Weight 1 lb.



No. 678—24", 26", 28", 30" x 2½" x 1¼" 1 Plumb, 1 Level,  
Oval Top Sight, Protected glasses. Weight 1¼ lbs.



No. 118—24", 26", 28", 30" x 2½" x 1¼" 2 Plumbs,  
2 Levels, Protected glasses. Weight 1¼ lbs.



No. 218-B-E—(Brass Ends) 24", 26", 28", 30" x 2½" x 1¼"  
4 Plumbs, 2 Levels, Protected glasses. Weight 1½ lbs.

## PLASTERERS' TOOLS

Wood and Aluminum  
**HAWKS**

Wood and Aluminum  
**ANGLE FLOATS**

**CORK-FACED  
FLOATS**

**CORK FLOATS**  
Unhandled

**WOOD FLOATS**

**Wood Cross-Grained  
FLOATS**

**PLASTERERS'  
PADDLES**

**FLOAT HANDLES**

**GROOVERS**  
**EDGEKS**

## CARPENTERS' ALUMINUM LEVELS



No. 24—24" x 2½" x 1¼".....Weight 2 lbs.  
No. 26—26" x 2½" x 1¼".....Weight 2¼ lbs.

4 plumbs, 2 levels. Spirit tubes protected with lenses on either side. Either end or edge can be used for plumb or level; there's a plumb at each end for high and low reading.

No. 28—28" x 2½" x 1¼".....Weight 2½ lbs.  
No. 30—30" x 2½" x 1¼".....Weight 2¾ lbs.



No. 555 Sand's-Stevens Surface &  
Line Level  
Hard drawn hexagonal aluminum tubing. Light  
weight—absolutely accurate. For machinists, mill-  
wrights, carpenters and electricians. Length 3",  
weight ½ oz. Packed 12 in practical display case.

**"SAND'S Levels  
Tell the Truth"**

**WRITE FOR CATALOG**



No. 509A Sand's Torpedo Level  
Black walnut, fitted with aluminum plate and top  
sight, round corners. Carried conveniently in pocket.  
Cat's eye glasses, hand grips milled in sides. 1  
plumb, 1 level, 1 plumb set 45° angle. 9 x 1½ x  
9/16 inches. Weight ¼ lb. Half dozen in attractive  
carton.

# SAND'S LEVEL & TOOL COMPANY

8629-37 GRATIOT AVE., DETROIT, MICHIGAN, U. S. A.

Mention Hardware Age When Writing

**AXES, Stone Workers'**

Iron City Tool Works, Pittsburgh, Pa.  
Klein-Logan Co., Pittsburgh, Pa.  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.  
Woodings-Verona Tool Works, Verona, Pa.

**AXLE CLIPS**—See Clips, Axle, Carriage and Wagon

**AXLE WASHERS**—See Washers, Axle

**AXLES, Carriage, Wagon, etc.**

Sparta Spoke Factory, Inc., Sparta, Tenn.

**BABBITT METAL**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn, N. Y.  
American Smelting & Refining Co., San Francisco, Cal.  
Belmont Smelting & Refining Wks., Inc., 817 Belmont Av., Brooklyn, N. Y.  
Cadman (A. W.) Mfg. Co., Pittsburgh, Pa. "Acorn Brand," "Bearite"  
Consolidated Metals Corp., 5535 Woodward Av., Detroit, Mich. "Motex"  
Eagle-Picher Lead Co., Cincinnati, O.  
Federated Metals Corp., Chicago, Ill.  
Gardner Metal Co., 4820 S. Campbell Av., Chicago, Ill.  
Lewis (John T.) & Bros. Co., Phila., Pa.  
Marmola Metal Co., Elizabeth, N. J.  
Michigan Smelting & Refining Co., Detroit, Mich.  
National Bearing Metals Corp., St. Louis, Mo.  
National Lead Co., 111 Broadway, New York, N. Y.  
"Dutch Boy," "Hort"  
National Smelting & Refining Co., Detroit, Mich.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Post (E. L.) & Co., Inc., 50 Cliff, New York, N. Y.  
"Post"  
Seitzinger's (Thos. F.) Sons, Atlanta, Ga. "No. 4 Plus"  
United American Metals Corp., 192 Diamond, Bklyn, N. Y.

**BABY BASSINETS**—See Bassinets, Baby

**BABY CARRIAGES**—See Carriages, Baby

**BABY CHICK CRATES**—See Crates, Baby Chick

**BABY HAMMOCKS**—See Hammocks, Automobile, Baby

**BABY PLAY YARDS**—See Yards, Play

**BABY SCALES**—See Scales, Baby

**BABY SWINGS**—See Swings, Baby

**BABY WALKERS**—See Walkers, Baby

**BACK RESTS**—See Rests, Bed, Back; also Rests, Beach, Back

**BACK SAWS**—See Saws, Back

**BACKGAMMON GAME BOARDS**—See Boards, Checker and Backgammon Game; also Games, Checkers and Backgammon

**BACK-UP WRENCHES**—See Wrenches, Back-Up

**BACKS, Chair**

Front Veneer & Plywood Co., 11 S. Water, Sheboygan, Wis.

**BADMINTON**

Bersin Playthings, Inc., 17 W. 17th, New York, N. Y. "Playbird"  
Bradley (Milton) Co., Springfield, Mass.  
Draper-Maynard Co., 400 York, Cincinnati, O. "D & M"  
Marnan (N. J.) Co., North Attleboro, Mass.  
Parker Bros., Salem, Mass.  
Reich (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Transgram Co., 200 Fifth Av., New York, N. Y.

**BAG FILLERS**—See Fillers, Bag

**BAG TIES**—See Ties, Bag, Wire

**BAGGING NEEDLES**—See Needles, Packing and Bagging

**BAGS, Ammunition**

Brauer Bros., Inc., St. Louis, Mo.  
Chase Bag Co., 306 S. Franklin, Chicago, Ill.  
Crunden (Martin) Mfg. Co., St. Louis, Mo.  
Duluth Tent & Awning Co., Duluth, Minn. "Monarch"  
Red Head Brand Co., Chicago, Ill.  
Union Bag & Paper Corp., Woolworth Bldg., New York, N. Y.

**BAGS, Bat**

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BAGS, Bathing Suit**

Brauer Bros., Inc., St. Louis, Mo.  
Post Mfg. Co., 150 Lafayette, New York, N. Y.

**BAGS, Bowling Ball**

Rawlings Mfg. Co., St. Louis, Mo.  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BAGS, Burlap**

Bemis Bro. Bag Co., St. Louis, Mo.  
Chase Bag Co., 306 S. Franklin, Chicago, Ill.  
Clifton Bag & Cotton Mills, Inc., Atlanta, Ga.  
Young & Metzner, Inc., 43-24 Vernon Blvd., Long Island City, N. Y.

**BAGS, Canvas**

(See also Bags, Duffel)  
Acorn Canvas Co., Phila., Pa.  
Baker-Lockwood Mfg. Co., Inc., Kansas City, Mo.  
Bemis Bro. Bag Co., St. Louis, Mo.  
Boyle (Jno.) & Co., 112 Duane, New York, N. Y.  
Chase Bag Co., 306 S. Franklin, Chicago, Ill.  
Couch Bros. Mfg. Co., Atlanta, Ga.  
Cyclone Mfg. Co., Urbana, Ind. "Cyclone" (Fruit Picking)  
Daniels (C. R.), Inc., 101 Crosby, New York, N. Y.  
Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
Humphry's (R. A.) Sons, Inc., 1019 Callowhill, Phila., Pa.  
K. C. Fabric Products Co., Kansas City, Mo.  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind. (Ice)  
Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y. (Ice)  
Stanley (Wm. W.) Co., Inc., 359 Bway., New York, N. Y.  
Super Dux Co., 12th & Michigan Av., Detroit, Mich. "Super Dux"  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Webb (Charles J.) & Co., Inc., Phila., Pa. (Coal)  
Wenzel (Herman) Tent & Duck Co., St. Louis, Mo.  
Werner Canvas Products Co., 607 Bergen, Bklyn, N. Y.

**BAGS, Carry-All**

Atlantic Products Corp., Trenton, N. J. "Par-Pak"  
Buhrke (R. H.) Co., 4538 Fullerton Av., Chicago, Ill.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O. (Cloth & Leather)  
Hinson Mfg. Co., Waterloo, Ia.  
**BAGS, Cartridge**—See Bags, Ammunition

**BAGS, Clothes Pin**

Bearse Mfg. Co., Chicago, Ill.  
Bemis Bro. Bag Co., St. Louis, Mo.  
Chase Bag Co., 306 S. Franklin, Chicago, Ill.  
Clifton Mfg. Co., Waco, Tex.  
Krischer Trading Corp., 210 Taaffe Pl., Bklyn, N. Y. "Knight Brand"  
Werner Canvas Products Co., 607 Bergen, Bklyn, N. Y.  
Worcester Felt Pad Corp., 11 Brackett Court, Worcester, Mass.

**BAGS, Cotton Picker**

Bemis Bro. Bag Co., St. Louis, Mo.  
Chase Bag Co., 306 S. Franklin, Chicago, Ill.  
Clifton Mfg. Co., Waco, Tex. "Dixie," "Eureka," "Regal"  
Couch Bros. Mfg. Co., Atlanta, Ga.  
Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.

**BAGS, Duffel**

(See also Bags, Canvas)  
American Pad & Textile Co., Greenfield, O. "Ta-Pat-Co."  
Baker-Lockwood Mfg. Co., Inc., Kansas City, Mo.  
Bemis Bro. Bag Co., St. Louis, Mo.  
Brauer Bros., Inc., St. Louis, Mo.  
Fulton Bag & Cotton Mills, Inc., Atlanta, Ga. "Shuredry"  
Gold Medal Folding Furniture Co., Racine, Wis.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Goss (J. C.) Co., Detroit, Mich.  
Grimes, B. E., West Collingswood, N. J.  
Hettick Mfg. Co., 1401 Summit, Toledo, O.  
K. C. Fabric Products Co., Kansas City, Mo.  
New York Drop Cloth Mfg. Co., Inc., Borden Av. and 21st, Long Island City, N. Y.  
Powers Mfg. Co., Waterloo, Ia.  
Pueblo Tent & Awning Co., Inc., Pueblo, Colo.  
Red Head Brand Co., Chicago, Ill.  
Stanley (Wm. W.) Co., Inc., 359 Bway., New York, N. Y.  
Super Dux Co., 12th & Michigan Av., Detroit, Mich. "Super Dux"  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wenzel (Herman) Tent & Duck Co., St. Louis, Mo.  
Werner Canvas Products Co., 607 Bergen, Bklyn, N. Y.

**BAGS, Garment**

Clopay Corp., 1209 Dayton, Cincinnati, O. "Cedar-Pak," "Cedar-Safe," "Ced-R-Text," "Clopay," "Sentinel," "Stor-A-Way" (Mothproof)  
Decorative Cabinet Corp., 261 Fifth Av., New York, N. Y. "E-Z-Do"  
Kennedy Car Liner & Bag Co., Shelbyville, Ind.  
Le Montree Mfg. Co., Cincinnati, O. "Ced-O-Matic," "Stor-Rite," "Veribest." (Cedarized Mothproof)  
Lewy Chemical Co., 707 Bway., New York, N. Y. "Dust-No"  
Lincoln Bag Co., 1529 Armitage, Chicago, Ill.  
Ohio Buff & Mfg. Co., Cincinnati, O.  
Richards, Boggs & King, Inc., 367 W. Adams, Chicago, Ill. "Sheer-O-Sheen"  
Textile Bag Corp., 149 Wooster, New York, N. Y. "O'Kay"

Wayne Paper Goods Co., Ft. Wayne, Ind.  
Weinmald Mfg. Corp., Chicago, Ill.  
White Tar Co. of New Jersey, Inc., Kearny, N. J. "Side-In," "Tarline"

**BAGS, Golf**

Atlantic Products Corp., Trenton, N. J. "Par-Bag," "Par-Oval"  
Beckley-Balston Co., 42 W 22nd, Chicago, Ill. "B-E"  
Boyle (John) & Co., 112 Duane, New York, N. Y.  
Brauer Bros., Inc., St. Louis, Mo. "Monarch"  
Buhrke (R. H.) Co., 4538 Fullerton Av., Chicago, Ill.  
Burton Mfg. Co., Jasper, Ala.  
Crawford, MacGregor, Canby Co., Dayton, O. "MacGregor"  
Draper-Maynard Co., 400 York, Cincinnati, O. "D & M"  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Hillerich & Bradshy Co., Louisville, Ky. "Duro-Bilt"  
Hinson Mfg. Co., Waterloo, Ia.  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Merchants Supply Co., Ft. Wayne, Ind.  
Rawlings Mfg. Co., St. Louis, Mo.  
Southern Saddlery Co., Inc., Chattanooga, Tenn.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean, Brockton, Mass.  
Troxel Mfg. Co., Elyria, O.  
Tucker Duck & Rubber Co., Fort Smith, Ark. "Tucker-Way"  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.  
Young (L. A.) Golf Co., Detroit, Mich. "Walter Hagen"

**BAGS, Mailing**

Bemis Bro. Bag Co., St. Louis, Mo.  
Boyle (Jno.) & Co., 112 Duane, New York, N. Y.  
Brooklyn Mailing Device Co., 713 Driggs Av., Bklyn, N. Y.  
Chase Bag Co., 306 S. Franklin, Chicago, Ill.  
Daniels (C. R.), Inc., 101 Crosby, New York, N. Y.  
Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
Millhiser Bag Co., Inc., Richmond, Va.  
National Urn Bag Co., Inc., 3408 Northern Blvd., Long Island City, N. Y. "Little Giant"  
Ohio Buff & Mfg. Co., Cincinnati, O.  
Stanley (Wm. W.) Co., Inc., 359 Bway., New York, N. Y.  
Werner Canvas Products Co., 607 Bergen, Bklyn, N. Y.

**BAGS, Oil Silk**

Blossom Mfg. Co., 79 Madison Av., New York, N. Y. "Evr-Fresh"  
Electro Cosmic, Inc., 570 W. Adams, Chicago, Ill. "Preservo"  
Seal Sac, Inc., 385 Purchase, Fall River, Mass. "Seal Sac"  
Glida Corp. of America, 20 W. 22nd, New York, N. Y.  
Richards, Boggs & King, Inc., 367 W. Adams, Chicago, Ill. "Sheer-O-Sheen," "Sta-Fresh"

**BAGS, Paper**

Adams Bag Co., Chagrin Falls, O.  
Arkell & Smith, Canajoharie, N. Y.  
Atlanta Paper Co., Atlanta, Ga.  
Bemis Bro. Bag Co., St. Louis, Mo.  
Bleyer (Alfred) & Co., 47-05 Metropolitan Av., Bklyn, N. Y.  
Brown Bag Filling Mach. Co., Fitchburg, Mass.  
Consolidated Paper Bag Co., Somerville, Mass. "Ruby Kraft"  
Crunden (Martin) Mfg. Co., St. Louis, Mo. "Diamond"  
Howland Bag & Paper Co., Dexter, N. Y.  
Hubbs (Chas. F.) & Co., 383 Lafayette, New York, N. Y.  
International Paper Co., 100 E. 42nd, New York, N. Y.  
Kennedy Car Liner & Bag Co., Shelbyville, Ind.  
Louisiana Paper Co., Ltd., Shreveport, La.  
Racquette River Paper Co., Potsdam, N. Y.  
Union Bag & Paper Corp., Woolworth Bldg., New York, N. Y.  
Universal Paper Bag Co., New Hope, Pa.  
Wayne Paper Goods Co., Ft. Wayne, Ind.  
Wortendyke Mfg. Co., Richmond, Ind.

**BAGS, Pastry**

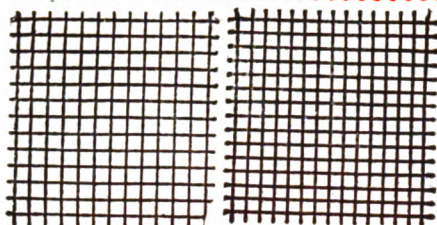
National Urn Bag Co., 3408 Northern Blvd., Long Island City, N. Y.  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. (Swedish)  
Thomsen (August) & Co., 480 Woodward Av., Brooklyn, N. Y.

**BAGS, Punching**

Anderson Rubber Co., Akron, O. "Anderson's"  
Denkert (M.) & Co., Johnstown, N. Y.  
Giant Mfg. Co., Council Bluffs, Ia.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
McKinnon Leather Products Corp., 252 Amherst, Buffalo, N. Y.  
Monoco Co., New Haven, Conn. "Yale Socket"  
Rawlings Mfg. Co., St. Louis, Mo.

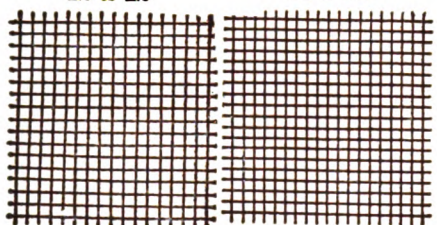


MEASURE MARKED EVERY SIX INCHES



12 x 12

14 x 14



16 x 16

18 x 18



### RED EDGE Galvanized Hardware Cloth Standard Grade

Made up in 2x2, 3x3, 4x4, 6x6 and 8x8 meshes of standard gauge wire, in stock widths as follows:

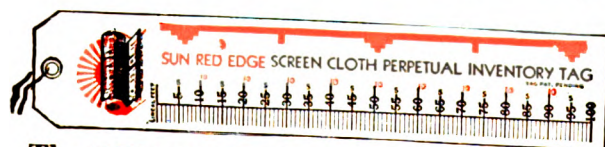
2 x 2—24, 30, 36, 42, 48  
3 x 3—24, 30, 36, 42, 48  
4 x 4—24, 30, 36, 42, 48  
6 x 6—24, 30, 36  
8 x 8—24, 30, 36

Bound with box strapping as shown in illustration. No sharp ends of wire protruding.



### Better Display—Means Larger Sales

If you haven't one of these attractive 7-color window displays, ask your jobber for one or write us direct. Write us for counter pick-ups and enclosure folders, with space for your imprint; also pre-pressed newsprint cuts.



### The RED EDGE Perpetual Inventory Tag

... an exclusive Reynolds development ... tells instantly the number of feet of screen cloth left in a roll. It has one-foot marks, and off, or check off, from tag the number of feet sold. Use on hardware cloth, chicken wire, and glass cloth, too. Enough tags for your needs, sent free. Your jobber has a supply or write us direct.

# RED EDGE

## SELF-MEASURED WIRE SCREEN CLOTH



A COMPLETE LINE ... all trade mark identified and self-measured. Red Edge Screen Cloth meets every specification of the Bureau of Standards, U. S. Dept. of Commerce. It is made of either open hearth steel wire or commercial bronze wire (90% copper and 10% zinc) and all wire is drawn in Reynolds own wire mill. Every roll is one continuous piece—100 lineal feet of perfect cloth.

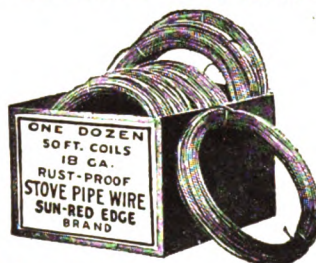
### ALUMINA

Reg. U. S. Pat. Off. Woven of special grade open hearth steel wire and covered with many coats of chemically pure zinc by electro-plating process. A transparent coat of varnish is then baked on. The best quality electro-plated screen cloth. Furnished in standard 12, 14, 16 and 18 meshes in widths 18" to 42", also 48"; special extra wide widths, 54, 60, 66 and 72 inches in 16 mesh only. Medium priced, high-grade cloth.

**BLACK PAINTED** ... Woven of special grade open-hearth steel wire. Coated with high-grade black enamel giving an elastic finish which will not flake off. Made in standard 12 and special 14 and 16 meshes and in widths 18" to 42", also 48"; special extra wide widths, 54, 60, 66 and 72 inches in 12 mesh only. A low priced but very satisfactory cloth.

**BRONZE** ... Made of commercial bronze wire, 90% copper, 10% zinc. Made in standard 14, 16 and 18 meshes, in widths 18" to 42", and also 48". Special extra wide widths, 54, 60, 66 and 72 inches in 16 mesh only. A very high-grade and higher priced cloth which will last indefinitely, and is specially recommended along the sea coast. Bright, natural copper finish, unless otherwise specified. Our Noxide Bronze has antique finish.

Recommend the Finer Meshes for best protection against small insects, dust and dirt. 16 mesh is required by the U. S. Public Health Dept. in malaria sections, to keep out the Anopheles (malaria-bearing) mosquito.



### RED EDGE Stove Pipe Wire

Made of strong, specially drawn wire. Rust-proofed by our special process. No tie wires used and coils can be easily opened or tied by thumb pressure. Put up in 50-ft. coils, 12 coils to the carton, 50 cartons to the case. Made in No. 18, 19 and 20 gauges, also in 20 gauge coppered.

### Save 6% on Freight Charges with this Package

Only Red Edge Screen Cloth is marketed in the Spiral-Wrap End-Cap Round Package. Less bulky and lighter in weight than the ordinary square carton, it saves you 6% in freight charges yet affords complete protection to the screen cloth. Screen rolls are automatic machine wrapped with 120 lb. Kraft spirals and the roll ends capped with heavy duplex fabric tape. Tape and spiral edging are a handsome red which makes the package strikingly attractive for display purposes.



REG. U. S. PAT. OFF.

### NEW RED EDGE ADJUSTABLE METAL BAND KEEPS ROLL TIGHT ... SAVES TIME

Again the makers of Red Edge have developed a remarkable time-saving convenience for handling wire screen cloth. Far superior to clips and similar devices ... these Red Edge flat, flexible metal bands *always fit* ... always keep cloth rolled tight, whether the roll contains fifty feet or five.

Just slip free end of band through eye, forming a loop, and pull until it fits roll snugly. Then bend end down ... and band clamps tight to roll. To unroll—raise free end ... slide band back through eye, loosening loop ... and slide off roll. Bands come 12 in a box. Free, at your jobber's or

WRITE FOR FREE SUPPLY



# REYNOLDS WIRE CO., DIXON, ILLINOIS

Mention Hardware Age When Writing

Digitized by Google



# **BAGS, Punching (Continued)**

Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Wilson Sporting Goods Co., 2087 N. Campbell Av., Chicago, Ill.

**BAGS, Shell—See Bags, Ammunition**

# **BAGS, Skate**

Arco-Rollaway Skate Co., Inc., Marathon, N. Y.  
"Arco-Bag"  
Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill.

# **BAGS, Sleeping**

American Pad & Textile Co., Greenfield, O. "Ta-Pat-Co"  
Berg (F. O.), Co., Spokane, Wash.  
Grimes (B. E.) West Collingswood, N. J.  
Hornor Bros. Woolen Mills, Eaton Rapids, Mich.  
Kapo Products Co., E. Cambridge, Mass.  
Pacific States Equipment Co., Los Angeles, Cal.  
"Angelus"  
Red Head Brand Co., Chicago, Ill.  
Wood Mfg. Co., Ltd., Ogdensburg, N. Y. "Down-lite," "Gold-Star," "Ranger," "Snug-Bag," "3-Star Arctic," "2-Star Arctic Junior"  
Whall (Dick) Camp Goods Co., Athol, Mass. "Comfort," "Featherdown Poquais"  
**BAGS, Striking—See Bags, Punching**

# **BAGS or ROLLS, Tool**

Armbruster (R. H.) Mfg. Co., Springfield, Ill.  
Baker-Lockwood Mfg. Co., Inc., Kansas City, Mo.  
Bemis Bro. Bag Co., St. Louis, Mo.  
Bridgeport Bag & Jewelry Case Co., Bridgeport, Conn.  
Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
Goss (J. C.) Co., Detroit, Mich.  
Graton & Knight Co., Worcester, Mass.  
Keep Klean Auto Products Co., Inc., 4077 Park Av., New York, N. Y.  
Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
Powers Mfg. Co., Waterloo, Ia.  
Special Hardware Corp., Medford, N. Y.  
Stanley (Wm. W.) Co., Inc., 359 B'way, New York, N. Y.

# **BAGS, Vacuum Cleaner**

Bearse Mfg. Co., 3815 W. Cortland, Chicago, Ill.  
Bemis Bro. Bag Co., 412 Poplar, St. Louis, Mo.  
Ohio Textile Specialty Co., 3444 W. 54th, Cleveland, O.  
Troy Sunshade Co., Troy, O.  
Vaporine Co., 216 W. Kinzie, Chicago, Ill.  
"Cameron"  
Zip-A-Bag Corp., 35 E. 20th, New York, N. Y.  
"Zip-A-Bag"

# **BAGS, Waste and Garbage, Paper**

Edwards Mfg. Co., Flint, Mich. "Sanitainer"  
Harvey Paper Products Co., Sturgis, Mich.  
Klean-Kan Garbage Bag Co., 16 W. 22nd, New York, N. Y. "Klean-Kan"  
Master Metal Products, Inc., 281 Chicago, Buffalo, N. Y. "Sanette" (Waxed)  
Oliga, Inc., 55-33rd, Brooklyn, N. Y. "Garb-O"

# **BAGS, Water Carrying**

Berg (F. O.) Co., Spokane, Wash.  
Fulton Bag & Cotton Mills, Inc., Atlanta, Ga. "Shuredry"  
Hirsch-Wells Mfg. Co., Portland, Ore.  
Powers Mfg. Co., Waterloo, Ia.  
Pueblo Tent & Awning Co., Inc., Pueblo, Colo.  
Rome Sporting Goods Mfg. Co., Rome, N. Y.  
Schaefer Tent & Awning Co., Denver, Colo. "Red Seal"  
Wenzel (Herman) Tent & Duck Co., St. Louis, Mo.  
**BAIT BOXES—See Boxes, Fishing Tackle**  
**BAIT CANS—See Cans, Bait**

# **BAITS, Beetle**

Crown Specialties, Inc., 1107 B'way, New York, N. Y.  
Ellis (Geo. D.) & Sons, Inc., 309 N. 3d, Phila., Pa. "Ellisco"  
Gould & Olen, Inc., 140 Liberty, New York, N. Y. "G. & O."  
Rose Mfg. Co., 37th & Filbert, Phila., Pa. "Mex-ogen"

# **BAITS, Fish, Artificial**

(See also Spoons and Spinners, Trolling)  
A-B-C Bait & Mfg. Co., 433 Bates, Detroit, Mich. "A-B-C"  
American Fork & Hoe Co., Geneva, O. "Dixie Wiggler," "Fan Dancer," "Frog Wiggler," "Jazz Wiggler," "Little Minnie," "Minnie-the-Moocher," "Moose Wiggler," "Musky Oriental Wiggler," "New-A-apt Wiggler," "Oriental Wiggler," "Sheik," "Shimmy Wiggler," "Shimmyette Wiggler"  
Arbogast, Fred, 313 W. North, Akron, O. "Jitterbug," "Tin Liz"  
Buel (J. T.) Co., Saratoga Springs, N. Y.  
Bunyan (Paul) Sales Co., 18 N. 4th, Minneapolis, Minn.  
Creek Chub Bait Co., 721 S. Randolph, Garrett, Ind. "Dingbat," "Dinger"

Cummings (Ed.), Inc., 901 S. Saginaw, Flint, Mich.  
De Witt, Bill, Div. Shoe Form Co., Inc., Auburn, N. Y.  
Dickens Bait Co., Ft. Wayne, Ind.  
Dillon-Beck Mfg. Co., Irvington, N. J. "Beetle Flop," "Lur-A-Bass," "Lur-O-Lite," "Minn-O-Lure," "Quiver-Lure," "Sport-A-Lure," "Witch"  
Eger Bait Co., Bartow, Fla.  
Enterprise Mfg. Co., Dept. HA, Akron, O. "Biz," "Breakless Devon Minnow," "Buckskin Baits," "Buffalo," "Bucktail," "Burlie," "Canadian Special Lowe," "Carlisle," "Catalina," "Cupsuptic," "Delavan," "Devon," "Egg Beaded," "Famed," "Fillite," "Float-Rite," "Flotsum," "Four-brothers," "Frisky," "Globe," "Hopitot," "Ideal Bass," "Justrite," "Karwartha," "Kent Frog," "Kidney," "Last Word," "Live Wire," "Lowe Star," "Luminous," "Mascot," "Merino Grasshopper," "Merit," "Monogram Bait," "Muskil," "Mustang," "Neverfail," "Pal-O-Mine," "Pelican," "Peerless," "Pippin Wobbler," "Pflueger Bull Dog," "Phantom," "Pork Rind," "Portage," "Poprite," "Rainbow Pearl Wobbler," "Scamper," "Scoop," "Star Baits," "Tailhook," "Tandem Spinner," "Uno," "Vanitie," "Venese Flies," "Bibro Frog," "Wizard"  
Fatsco, 251 N. Fair Av., Benton Harbor, Mich.  
Fly Fish Kit Co., Kent, O. "Schumann's"  
Frost (G. W.) & Sons, Stevens Point, Wis. "Magie," "New Deal," "Supreme"  
Garland Bros., 608 W. Baker, Plant City, Fla.  
Gayle (Geo. W.) & Son, Frankfort, Ky. "Kentucky Steel Back"  
Go-Itte Mfg. Co., Flint, Mich.  
Gray Bait Co., Leominster, Mass.  
Great Lakes Bait Co., Chicago, Ill. "Fish Master Red Head"  
Heddon's (Jas.) Sons, Dowagiac, Mich. "Basser," "Dowagiac," "Fish Flisk," "Flaptail," "Game-Fisher," "Kline," "Lucky 13," "River-Bunt," "S-O-S," "Spook," "Torpedo," "Vamp," "Wig-Wag," "Wild-Dile"  
Helin Tackle Co., 4776 Concord Av., Detroit, Mich. "Flatfish"  
Hildebrandt (J. J.) Co., Logansport, Ind.  
Hoag (M. E.) Fly & Tackle Co., Los Angeles, Cal.  
Hohwieler Rubber Co., Morrisville, Pa. "Real-Bits"  
Horricks-Ibbotson Co., Dept. S, Utica, N. Y.  
Huntington (L. B.) Co., 116 Hollingsworth, Baltimore, Md. "Drone"  
Jamison (W. J.) Co., 5819 W. Division, Chicago, Ill. "Shannon"  
Johnson (Louis) Co., 40 N. Wells, Chicago, Ill. "Silver Minnow"  
Keeling (Fred C.) & Co., Rockford, Ill.  
Knowles (S. E.) Co., San Francisco, Cal.  
Lloyd & Co., 3408 Lincoln Av., Chicago, Ill.  
"Hungry-Jack," "Lighted Pirate"  
Marathon Bait Co., Wausau, Wis. "Jack's Bass-Houn"  
Mills (Wm.) & Sons, 21 Park Pl., New York, N. Y.  
Millaite Steel & Wire Wks., Inc., Howell, Mich. "Millaite"  
Montpelier Bait Co., Montpelier, O. "Hootenanna"  
Morgan (J. B.) Co., 5154 N. Clark, Chicago, Ill. "Con-Cavo"  
Oregon Fishing Spoon Co., Portland, Ore.  
Pachner & Koller, Inc., 2506 W. 59th, Chicago, Ill. "Softy the Crab," "Spotty the Frog"  
Paw Paw Bait Co., Paw Paw, Mich. "Moonlight," "Silver Creek"  
Pealer (E. O.) Co., Utica, N. Y.  
Peckinpaugh, E. H., Chattanooga, Tenn.  
Prescott Spinner Mfg. Co., Prescott, Wis.  
S. & S. Products Co., 802 W. High, Lima, O. "Weasel"  
Shakespeare Co., Kalamazoo, Mich. "Beetzel," "Rug-A-Lure," "Dragonfly," "Gaddis," "Oregon Midget," "Wonderbug"  
Shoff Tackle Co., Kent, Wash.  
Skinner, G. M., Clayton, N. Y.  
South Bend Bait Co., South Bend, Ind. "Bass-Oreno," "Rest-O-Luck," "Dart Oreno," "Flash-Oreno," "Musk-Oreno," "Pike-Oreno," "Oreno," "South Bend," "Teas-Oreno," "Two-Oreno"  
Sutton Co., Naples, N. Y.  
Twin City Bait Co., Marinette, Wis. "Doodle Bug"  
Weber Lifelike Fly Co., Stevens Point, Wis.  
Wilson, Al., San Francisco, Cal.  
Wright & McGill Co., Denver, Colo.

# **BAITS, Fish, Preserved**

Brainerd Bait Co., Inc., St. Paul, Minn.  
Day Bait Co., 1824 Howard, Port Huron, Mich. "Dry-Pak"  
Horricks-Ibbotson Co., Utica, N. Y.  
Wallace Specialty Mfg. Co., Algonac, Mich.

# **BAITS, Pork Rind Strips**

American Fork & Hoe Co., Geneva, O. "AlFoss"  
Day Bait Co., 1824 Howard, Port Huron, Mich. "Jiggs"  
Dean Bros., Valdosta, Ga.  
Enterprise Mfg. Co., Dept. HA, Akron, O. "Tailhook," "Zip Fly Rod"  
Horricks-Ibbotson Co., Utica, N. Y.  
Morrison (Lew) Fly Co., 2808 Warren Av., Chicago, Ill. "Dry-Pak"  
Schlipp, Chas., 2602 Sanker Rd., Cleveland Heights, O.  
Uncle Josh Bait Co., Ft. Atkinson, Wis.

# **BAKERS' BRUSHES—See Brushes, Bakers'**

# **BAKERS, Cookie**

Home Products Co., Cleveland, O.  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill. "Ekco," "Ovenex"

Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "KM"  
National Enameling & Stamping Co., 276 N. 12th, Milwaukee, Wis. "Nasco"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Sandbakelse" (Swedish)  
West Bend Aluminum Co., West Bend, Wis.

# **BAKERS, Waffle, Electric**

McGraw Electric Co., Toastmaster Products Div., Elgin, Ill. "Toastmaster"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Manning, Bowman & Co., Meriden, Conn. "Twis-O-Matic"  
Proctor Electric Co., 7th and Tabor Rd., Phila., Pa.  
**BAKING GLASS WARE—See Wares, Oven**  
**BAKING OVENS—See Ovens, Baking**  
**BAKING PANS—See kind desired, under Pans**  
**BAKING SHEETS—See Sheets, Baking**

# **BALANCES, Sash**

Acme Spring Sash Balance Co., 1626 Long Beach Av., Los Angeles, Cal. "Acme"  
Caldwell Mfg. Co., 40 Industrial, Rochester, N. Y. "Caldwell"  
Duplex, Inc., 634 N. La Pere, Los Angeles, Cal. "Duplex" (Adjustable)  
Fabry (W. H.) Mfg. Co., Inc., 700 S. Date Av., Alhambra, Cal. "Fibro"  
National Lock Co., Rockford, Ill.  
Pullman Mfg. Corp., 1176 University Av., Rochester, N. Y. "Unit" (Adjustable)  
Rochester Sash Balance Co., Inc., 192 Mill, Rochester, N. Y.  
Unique Window Balance Corp., 295 E. 133rd, New York, N. Y.

# **BALANCES, Spring**

Forschner (R. H.) Co., 230 3rd Av., New York, N. Y.  
Hanson Scale Co., 525 N. Ada, Chicago, Ill. "Hanson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Pelouse Mfg. Co., 232 E. Ohio, Chicago, Ill. "Steel King"

# **BALCONIES—See Iron Work, Ornamental**

# **BALCONY RAILING—See Railing, Porch, Counter, Balcony, Etc.**

# **BALE BANDS—See Ties, Bale**

# **BALE BUCKLES—See Buckles, Bale**

# **BALE TIES—See Ties, Bale**

# **BALERS, Paper**

Alsteel Mfg. Co., Battle Creek, Mich.  
Davenport Mfg. Co., Bettendorf, Ia. "Schick"  
Economy Baler Co., Ann Arbor, Mich.  
Gem Mfg. Corp., Bascom, O. "Domestic," "Gem," "Midget"  
United Steel & Wire Co., Battle Creek, Mich. "Pak-Tite"

# **BALING PRESS FORKS—See Forks, Baling Press**

# **BALLAST OR STONE FORKS—See Forks, Stone or Ballast**

# **BALL BEARING HINGES—See Hinges, Ball Bearing**

# **BALL BEARINGS—See Bearings, Ball**

# **BALL COCKS—See Cocks, Ball**

# **BALLOON TIRE RIM STRIPS—See Strips, Rim, Balloon Tire**

# **BALL PEIN HAMMERS—See Hammers, Ball Pein**

# **BALLOONS, Rubber**

Anderson Rubber Co., Akron, O.  
Barr Rubber Products Co., Sandusky, O.  
Eagle Rubber Co., Ashland, O.  
Maple City Rubber Co., Norwalk, O.  
Mobicam Rubber Co., Ashland, O.  
Oak Rubber Co., Ravenna, O.  
Pacific Balloon Co., 3570 W. First, Los Angeles, Cal.  
Paramount Rubber Co., Phila., Pa.  
Perfect Rubber Co., Mansfield, O.  
Pioneer Rubber Co., Willard, O.  
Rex Rubber & Novelty Co., 96 Warren, New York, N. Y.  
Toycraft Rubber Co., Ashland, O. "Toycro."

# **BALLS, Base**

De Beer (J.) & Sons, Albany, N. Y. "Daisy Vance"  
Dieterman & Jones, Jonesville, Mich., "Paul A. Jones"  
Giant Mfg. Co., Council Bluffs, Ia.  
Goldsmith (F.) Sons, Inc., John & Findlay, Cincinnati, O.  
Grady (J. H.) Mfg. Co., St. Louis, Mo.  
Harwood (H.) & Sons, Natick, Mass.  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Lannom Mfg. Co., Grinnell, Ia. "Worth"  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean, Brockton, Mass.  
Tober Sporting Goods Co., Hartford, Conn.  
Wilson Sporting Goods Co., 2087 N. Campbell Av., Chicago, Ill.

# **BALLS, Base, Indoor**

De Beer (J.) & Sons, Albany, N. Y.  
Denkert (M.) Co., Johnstown, N. Y.  
Dieterman & Jones, Jonesville, Mich., "Paul A. Jones"



SEE

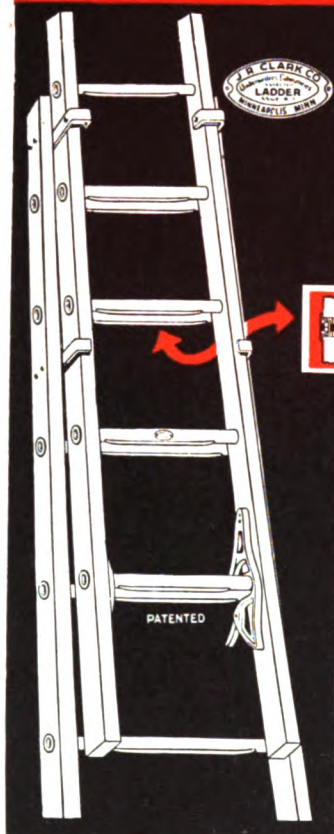
# Clark

FOR

## Rid-Jid

THE MOST FAMOUS NAME  
IN AMERICAN  
HOUSEWARES

NEWEST FEATURES  
FINEST VALUES



### CLARK'S STEEL-TRUSS *Safety* LADDERS

CLARK'S Steel-Truss is a patented single unit, rod and rung construction whereby each rung is made stronger and the entire ladder is TRUSSED for tremendous strength, rigidity and safety. In Clark's Steel-Truss, rod and rung are united. This is an exclusive Clark feature. Clark's Steel-Truss is available in taper or farm ladders—extension ladders, with or without rope, or rope, pulley and windlass. The strongest, safest, most durable ladders made. Send for Clark's Catalog.

### OUTSTANDING STEPLADDER VALUES

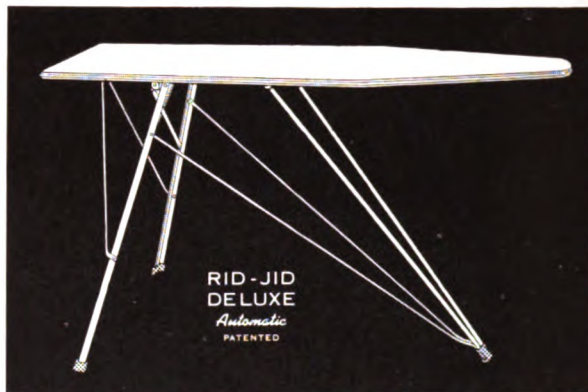


● **DURABLE.** Best heavy duty step-ladder. Extra wide corrugated steps. Patented rod construction. Steel shoulder supports under steps. Hardware bright aluminum. Steel truss safety back brace construction.



● **RID-JID SAFETY FIRST** — Deeply corrugated, extra wide, Non-Slip steps. Patent steel rod construction. Rubber shoes. Stiles and back standards, extra heavy. Steel truss safety back brace construction. Greater Strength and Safety. Finer Appearance. Faster Selling.

### RID-JID *DeLuxe*



#### SELF OPENING, LOCKING, CLOSING

● The patented lock ring closes automatically and makes the entire table an integrated solid unit. This new feature gives new rigidity, steadiness and solidity. Top shaped with beaded edge, clear lacquer finish. Formed steel understructure, finished in attractive green toned bronze. Legs equipped with moulded rubber tips. Size of top 15" x 54".

### SPACE-SAVER STEP STOOL



● Built of steel, it has great strength and light weight. Its extra rigidity is a result of scientific bracing, securely riveted, and the ingenious treads with corrugated rubber bottoms. Note extra-wide, safety-grooved steps. All metal members of brilliant malachite green metallic finish. Steps and tops of bright CARDINAL, or GREEN or BLACK. Folds like a camera, compactly to 4 inches by 31 1/2 inches. Packed one to a carton.

THE J · R · CLARK COMPANY · MINNEAPOLIS, MINN · U · S · A ·

Mention Hardware Age When Writing

Digitized by Google



**BALLS, Base, Indoor (Continued)**

Grady (J. H.) Co., 927 Tyler, St. Louis, Mo.  
 "Duro-Seam"  
 Medart (Fred) Mfg. Co., St. Louis, Mo.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Tober Sporting Goods Co., Hartford, Conn.  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BALLS, Basket**

American Playground Device Co., Anderson, Ind.  
 Anderson Rubber Co., Akron, O. "Anderson's"  
 Deakert (M.) & Co., Johnstown, N. Y.  
 Dieterman & Jones, Jonesville, Mich. "Paul A. Jones"  
 Dubow (J. A.) Mfg. Co., Inc., Chicago, Ill.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O. "Flight Master"  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 McKinnon Leather Products Corp., 252 Amherst, Buffalo, N. Y. "McKinnon"  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Riddell (John T.), Inc., 1259 N. Wood, Chicago, Ill.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean, Brockton, Mass.  
 Voit (W. F.) Rubber Corp., 2516 Nevins Av., Los Angeles, Cal.  
 Webb (C. B.) Co., 722 Walnut, Lebanon, Pa.  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BALLS, Billiard**

Albany Billiard Ball Co., Albany, N. Y.  
 Brunswick-Balke-Collender Co., Inc., 623 S. Wabash Av., Chicago, Ill.  
 Shadlow Mfg. Co., 72 Murray, New York, N. Y.

**BALLS, Boccie**

Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
 Stowe & Woodward, Inc., Newton Upper Falls, Mass.

**BALLS, Bowling**

(See also Pins, Ten)  
 American Hard Rubber Co., 11 Mercer, New York, N. Y.  
 Brunswick-Balke-Collender Co., Inc., 623 S. Wabash Av., Chicago, Ill. "Mineralite"  
 Cooke-Roberts Corp., Orange, Mass.  
 Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
 Novelty Turning Co., Norway, Me.

**BALLS, Bronze, Sanitary**

Metal Sponge Sales Corp., Lehigh Av. & Mascher, Phila., Pa. "Burro Brand," "Gottschalk's"

**BALLS, Cork**

Dodge Cork Co., Inc., Lancaster, Pa.

**BALLS, Croquet**

American Hard Rubber Co., 11 Mercer, New York, N. Y.  
 Cooke-Roberts Corp., Orange, Mass.  
 Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
 Roy Bros., East Barnet, Vt.  
 Stowe & Woodward, Inc., Newton Upper Falls, Mass.

**BALLS, Field and Hockey**

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

**BALLS, Flush Tank**

American Rubber Products Corp., 125 E. 46th, New York, N. Y. "Arpeo," "Cop R top"  
 Canfield Rubber Co., Bridgeport, Conn.  
 Chicago Specialty Mfg. Co., Chicago, Ill.  
 Duntz Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"

Ebbe Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal N. B."

Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.

Holland Rubber Co., 50 Leonard, New York, N. Y.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Tru-Seal," "Universal"

Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill.  
 Le Tire & Rubber Co., Conshohocken, Pa.  
 Liberty Products Co., West Toledo Station, Toledo, O.

Merit Products, Inc., 11711-164th, Jamaica, N. Y. "Ever-Flite," "Merit"

Metamora Rubber Works, Metamora, O. "Fit-All"  
 Perfection Products, Inc., 620 Western Reserve Bldg., Cleveland, O. "Perfection"

Radiator Specialty Co., Charlotte, N. C. "Triple Seal"

Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.  
 Sargent Rubber Mfg. Co., Huntington, Ind.  
 Seilly Rubber Mfg. Co., Highlandtown Station, Baltimore, Md. "Alwon"

Stokes (Jos.) Rubber Co., Trenton, N. J.  
 Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
 United States Rubber Co., Inc., 1230 6th Av., New York, N. Y. "U. S."

Williams Ltd., 366 Alexander Av., New York, N. Y. "Sealtite"

**BALLS, Foot**

Anderson Rubber Co., Akron, O.  
 Deakert (M.) & Co., Johnstown, N. Y.  
 Dieterman & Jones, Jonesville, Mich. "Paul A. Jones"  
 Dubow (J. A.) Mfg. Co., Inc., Chicago, Ill.  
 Giant Mfg. Co., Council Bluffs, Ia.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 McKinnon Leather Products Corp., 252 Amherst, Buffalo, N. Y. "McKinnon"  
 National India Rubber Co., Bristol, R. I.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Troxel Mfg. Co., Elyria, O.  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BALLS, Feller**

Canfield (H. O.) Co., Bridgeport, Conn. "Perfect"  
 Canfield Rubber Co., Bridgeport, Conn.  
 Diamond Rubber Co., Inc., Akron, O.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.  
 Good Mfg. Co., Inc., 200 Lincoln Av., New York, N. Y.  
 Goodrich (B. F.) Co., Akron, O.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 Jenkins Bros., 80 White, New York, N. Y.  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill. "Acme"  
 Merit Products, Inc., 11711-164th, Jamaica, N. Y.  
 Metamora Rubber Works, Metamora, O.  
 Quaker City Rubber Co., Phila., Pa.  
 Republic Rubber Co., Youngstown, O.  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 Williams Bowman Rubber Co., Cicero, Ill. "Wilbow"  
 Woodward-Wanger Co., Phila., Pa. "Enduro"

**BALLS, Golf**

Beckley-Ralston Co., 42 W 22nd, Chicago, Ill.  
 "Stroke Saver"  
 BonDee Golf Ball Co., Detroit, Mich.  
 Crawford, MacGregor, Canby Co., Dayton, O. "MacGregor"  
 Draper-Maynard Co., 400 York, Cincinnati, O. "D & M"  
 Dunlop Tire & Rubber Corp., Buffalo, N. Y.  
 Gates Rubber Co., Denver, Colo. "Congress," "Vulco"  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Golf Ball, Inc., 5820 S. Lowe Av., Chicago, Ill.  
 "Bonnie Scot," "Brawny Scot," "Canny Scot," "Flying Scot," "Super Scot"  
 Goodrich (B. F.) Co., Akron, O.  
 Hillerich & Bradshaw Co., Louisville, Ky. "Louisville Grand Slam," "Louisville Lo-Skore," "Invincible"  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 Kroydon Co., Maplewood, N. J.  
 Paracord Co., Johnson City, N. Y.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
 Spalding (A. G.) & Bros., Chicopee, Mass. "Kro-Flite," "Top-Flite"  
 Stall & Dean, Brockton, Mass.  
 Stowe-Woodward, Inc., Newton Upper Falls, Mass. "Banner," "Championship," "Line Flite," "Whip"  
 United States Rubber Co., 1230 6th Av., New York, N. Y. "Royal"  
 Van Cleef Bros., Woodlawn Av. to 78th, Chicago, Ill. "Van-Itte"  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.  
 Worthington Ball Co., Elyria, O. "Ace," "Black Diamond," "Blue Diamond," "Deuce," "King," "Tommy Armour"  
 Young (L. A.) Golf Co., Detroit, Mich. "Dragon," "Hagen," "Honey Boy," "Play Boy"

**BALLS, Grinding, Steel**

Abbott Ball Co., Hartford, Conn.  
 Coates Steel Products, Greenville, Ill.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Philadelphia Steel & Iron Co., Conshohocken, Pa.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"

**BALLS, Hand**

De Beer (J.) & Sons, Albany, N. Y.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Goodrich (B. F.) Co., Akron, O.  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.

**BALLS, Lacrosse**

Spalding (A. G.) & Bros., Chicopee, Mass.

**BALLS, Medicine**

Dieterman & Jones, Jonesville, Mich. "Paul A. Jones"  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 Medart (Fred) Mfg. Co., St. Louis, Mo.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BALLS, MOTH—See Moth Balls****BALLS, Ox**

Sargent & Co., New Haven, Conn.  
 Smith (Seymour) & Son, Inc., Oakville, Conn.  
 Woodruff (Walter W.) & Sons Co., Mt. Carmel, Conn.

**BALLS, Playground**

Dieterman & Jones, Jonesville, Mich. "Paul A. Jones"  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Tober Sporting Goods Co., Hartford, Conn.  
 Van Cleef Bros., Woodlawn Av. to 78th, Chicago, Ill. "Sky-Hy"  
 Voit (W. J.) Rubber Corp., 2516 Nevins Av., Los Angeles, Cal.  
 Webb (C. B.) Co., 722 Walnut, Lebanon, Pa. "Weaver Scholastic"

**BALLS, Polo, Water**

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Spalding (A. G.) & Bros., Chicopee, Mass.

**BALLS, Pool—See Balls, Billiard and Pool****BALLS, Roque**

American Hard Rubber Co., 11 Mercer, New York, N. Y.  
 Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
 Stowe & Woodward, Inc., Newton Upper Falls, Mass.

**BALLS, Rubber**

Anderson Rubber Co., Akron, O.  
 Barr Rubber Products Co., Sandusky, O.  
 Eagle Rubber Co., Ashland, O.  
 Essex Rubber Co., Trenton, N. J. "World of Fun"  
 Faultless Rubber Co., Ashland, O.  
 Goodrich (B. F.) Co., Akron, O.  
 Oak Rubber Co., Ravenna, O.  
 Schavoir Rubber Co., Stamford, Conn.  
 Seamless Rubber Co., New Haven, Conn.  
 Seiberling Latex Products Co., Akron, O.  
 Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
 United States Rubber Co., 1230 6th Av., New York, N. Y.  
 Van Cleef Bros., Woodlawn Av. to 78th, Chicago, Ill. "Sky-Hy"  
 Voit (W. J.) Rubber Corp., 2516 Nevins Av., Los Angeles, Cal.  
 Webb (C. B.) Co., 722 Walnut, Lebanon, Pa. "Gam-Bals," "Weaver"

**BALLS, Soccer**

Anderson Rubber Co., Akron, O. "Anderson's"  
 Dieterman & Jones, Jonesville, Mich. "Paul A. Jones"  
 Dubow (J. A.) Mfg. Co., Inc., Chicago, Ill.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O. "Flight Master"  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 McKinnon Leather Products Corp., 252 Amherst, Buffalo, N. Y. "McKinnon"  
 Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
 Webb (C. B.) Co., 722 Walnut, Lebanon, Pa.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BALLS, Squash**

Spalding (A. G.) & Bros., Chicopee, Mass.  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BALLS, Steel, Bronze, Monel Metal, Stainless Steel**

(See also Bearings, Ball)

Abbott Ball Co., Hartford, Conn.  
 American Ball Co., Providence, R. I.  
 Auburn Ball Bearing Co., Rochester, N. Y.  
 Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill.  
 Excelsior Steel Ball Co., Military Rd., Buffalo, N. Y.  
 Federal Bearings Co., Inc., Poughkeepsie, N. Y.  
 Hartford Steel Ball Co., West Hartford, Conn. "Hartford"

Hoover Ball & Bearing Co., Ann Arbor, Mich.  
 New Departure Mfg. Co., Bristol, Conn.  
 Nice Ball Bearings Co., Philadelphia, Pa.  
 Probst (C. F.) Mfg. Co., Waterbury, Conn.  
 SKF Industries, Inc., Front and Erie Av., Phila., Pa.

Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Transmission Ball Bearing Co., Buffalo, N. Y.  
 Waterbury Steel Ball Co., Inc., Poughkeepsie, N. Y.

**BALLS, TANK—See Balls, Flush Tank****BALLS, Table Tennis**

Becker (P.) & Co., 323 W. Monroe, Chicago, Ill.  
 Chicago Table Tennis Co., 1625 N. Milwaukee, Chicago, Ill.  
 Harvard Table Tennis Co., Cambridge, Mass. "Harvard"  
 Pla-Wood Products Corp., 16606 Waterloo Rd., Cleveland, O.  
 Parker Bros., Inc., Salem, Mass.  
 Sametz (L.), Inc., Westport, Conn.  
 Spalding (A. G.) & Bros., Chicopee, Mass.

**BALLS, Tea**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Landers, Frary & Clark, New Britain, Conn.  
"Universal"  
Standard Aluminum Co., Two Rivers, Wis.

**BALLS, Tennis**

Dunlop Tire & Rubber Co., Buffalo, N. Y.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Goodrich (B. F.) Co., Akron, O.  
Graham (John H.) Co., 105 Duane, New York, N. Y.  
"Spencer Moulton" (British)  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Pennsylvania Rubber Co. of America, Inc., Jeanette, Pa.  
Rawlings Mfg. Co., St. Louis, Mo.  
Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
Sametz (Louis), Inc., Westport, Conn.  
Seamless Rubber Co., New Haven, Conn.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean, Brockton, Mass.  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BALLS, Tether**

Medart (Fred) Mfg. Co., St. Louis, Mo.

**BALLS, Volley**

Anderson Rubber Co., Akron, O. "Anderson's"  
Denkert (M) & Co., Johnstown, N. Y.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O. "Flight Master"  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
McKinnon Leather Products Corp., 252 Amherst, Buffalo, N. Y.  
Medart (Fred) Mfg. Co., St. Louis, Mo.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Voit (W. J.) Rubber Corp., 2516 Nevins Av., Los Angeles, Cal.  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**BALLS, Wooden**

Carr, Ryder & Adams Co., Dubuque, Ia.  
Cooke-Roberts Corp., Orange, Mass.  
Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
Rousseau Wood Turning Co., 244 Walton, Fitchburg, Mass.  
Rowe (Henry) Mfg. Co., Newaygo, Mich.  
**BAMBOO BROOMS**—See Brooms, Bamboo  
**BAMBOO POLES**—See Poles, Bamboo  
**BAMBOO RAKES**—See Rakes, Garden and Lawn  
**BANANA KNIVES**—See Knives, Banana  
**BAND SAWS, METAL CUTTING**—See Saws, Band, Metal Cutting  
**BAND SAWS, WOOD CUTTING**—See Saws, Band, Wood Cutting  
**BANDAGE KNIVES**—See Knives, Bandage

**BANDAGES, Boxers**

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

**BANDS, Bale**—See Ties, Bale

**BANDS, Hose**—See Clamps, Hose

**BANDS, Lead**—See Traps & Bands, Lead

**BANDS, Leg, Poultry**

Bayerdoreffer, M., Huguenot Pk., S. I., N. Y.  
"Bandettes," "Spiralets"  
Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
Dana (C. H.) Co., West Lebanon, N. H.  
Glenfield Supply Co., Glenfield, Pa. "Ripper's Security Seal"  
Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
Keyes-Davis Co., Battle Creek, Mich. "Colored Leader," "Double Clinch," "K-D Sealed," "Leader," "Smith Sealed," "Universal"  
National Band & Tag Co., Newport, Ky.  
Perfecto Co., Bellmore, N. Y.  
Spiller, Arthur P., Beverly, Mass. "Ajax," "Colored," "Eclipse"

**BANDS, Locking, Fishing Reel**

Enterprise Mfg. Co., Dept. HA, Akron, O.  
**BANJO CLOCKS**—See Clocks, Alarm, Time Pieces, Strike & Chime

**BANK GATES**—See Gates, Bank

**BANKS, Children's**

Bar Zim Toy Mfg. Co., Inc., 930 Newark Av., Jersey City, N. J.  
Corbin Cabinet Lock Co., New Britain, Conn.  
Dudley Lock Corp., 325 N. Wells, Chicago, Ill.  
Durable Toy & Novelty Co., 209 Fifth Av., New York, N. Y. "Uncle Sam"  
Hill (N. N.) Brass Co., East Hampton, Conn.  
Hoge Mfg. Co., 200 5th Av., New York, N. Y.  
Hubley Mfg. Co., Lancaster, Pa.  
Kenton Hdw. Co., Kenton, O.  
Kingsbury Mfg. Co., Keene, N. H. "Banclock," "Moto Bank"  
Shonk (Chas. W.) Co., Maywood, Ill.

Stevens (J. & E.) Co., Cromwell, Conn.

Straits Mfg. Co., 2480 Bellevue, Detroit, Mich.

**BARBECUE EQUIPMENT**—See Equipment, Barbecue

**BANKS, Toy**—See Banks, Children's

**BARBED FENCE WIRE**—See Wire, Barbed

**BARBED NAILS**—See Nails, Barbed

**BARBED WIRE**—See Wire, Barbed

**BAR BELLS**—See Bells, Bar

**BARBERS' SHEARS**—See Shears, Barbers'

**BAR CUTTERS**—See Cutters, Rod, Wire and Bar

**BAR CUTTING SHEARS**—See Shears, Bar Cutting

**BAR GLASSWARE**—See Ware, Glass, Bar, Etc.

**BAR IRON**—See Steel or Iron, Bar

**BAR RACKS**—See Racks, Bar

**BAR SOLDER**—See Solder, Bar

**BAR STAPLES**—See Staples, Bar

**BAR STEEL**—See Steel or Iron, Bar; also Steel, Cold Rolled Bar

**BAR TIN**—See Tin, Bar

**BARK SPUDS**—See Spuds, Bark

**BARN BROOMS**—See Brooms, Street and Stable

**BARN CUPOLAS**—See Ventilators and Cupolas, Barn

**BARN DOOR HANGERS**—See Hangers, Door

**BARN DOOR HINGES**—See type desired, under Hinges

**BARN DOOR HOLDERS**—See Holders, Door

**BARN DOOR LATCHES**—See Latches, Door

**BARN DOOR LOCKS**—See type desired, under Locks

**BARN DOOR STAY ROLLERS**—See Rollers, Stay, Barn Door

**BARN FORKS**—See Forks, Ensilage

**BARN PAINTS**—See Paints, Barn

**BARN SCRAPERS**—See Cleaners, Sidewalk; also Scrapers, Chicken Coop

**BARN SHOVELS**—See Shovels, Spades and Scoops

**BARN VENTILATORS**—See Ventilators and Cupolas, Barn

**BAROMETERS**

Fee & Stenwedel, Inc., 4949 N. Pulaski Rd., Chicago, Ill. "Air Guide"  
Swift & Anderson, Inc., 111 Summer, Boston, Mass.  
Taylor Instrument Companies, Rochester, N. Y.  
"Stormoguide," "Baroguides"

**BAROMETERS, Altitude**

Taylor Instrument Companies, Rochester, N. Y.  
"Taylor"

**BAROMETERS, Fishermen's**

Taylor Instrument Companies, Rochester, N. Y.  
"Taylor"

**BARREL BOLTS**—See Bolts, Door and Window

**BARREL BUNGS**—See Bungs, Cork; also Wooden

**BARREL CARTS**—See Carts, Barrel

**BARREL CHURNS**—See Churns, Barrel

**BARREL FAUCETS**—See Faucets, Oil

**BARREL GAGING AND WANTAGE RODS**—See Rods, Barrel Gaging and Wantage

**BARRELING HATCHETS**—See Hatchets, Forged Steel

**BARRELS and KEGS, Slack**

Alton Steam Cooperage Co., Alton, Ill.  
Barron Cooperage Co., Springfield, Mo.  
Burkhartmeier (D.) Cooperage Co., Chicago, Ill.  
California Barrel Co., San Francisco, Cal.  
Fessenden Companies, Inc., Townsend, Mass.  
Godar (Chas.) Co., Inc., Grafton, Ill.  
Greif Bros. Cooperage Co., Cleveland, Ohio  
Inwood Cooperage Co., Inwood, W. Va.  
Jacobs (K. W.) Cooperage Co., Milwaukee, Wis.  
Kelley (J. R.) Cooperage Co., Kansas City, Kan.  
Kimball-Tyler Co., Baltimore, Md.  
Mill Shoals Cooperage Co., St. Louis, Mo.  
Murray, C. E., Decherd, Tenn.  
St. Louis Cooperage Co., St. Louis, Mo.  
Schaperkötter Cooperage Co., St. Louis, Mo.  
Van Artheven Sons, Cincinnati, Ohio  
Virginia Barrel Co., Winchester, Va.  
Walsh Cooperage Co., Pittsburgh, Pa.  
Weinrich Cooperage Co., Burlington, Ia.  
Western Cooperage Co., Portland, Ore.  
Wunderlich (Chas.) Cooperage Co., St. Louis, Mo.

**BARRELS and KEGS, Tight**

Rott Bros. Mfg. Co., Warsaw, Ill.  
Burkhartmeier (D.) Cooperage Co., Chicago, Ill.  
California Barrel Co., San Francisco, Cal.  
Chickasaw Wood Products Co., Memphis, Tenn.  
Clyde Cooperage Co., Clyde, Ohio.  
Davis Cooperage Co., Martinsville, Ind.  
Fessenden Companies, Inc., Townsend, Mass. "Sanitized"  
Johnson (T.) Co., Chicago, Ill.  
Kelley (J. R.) Cooperage Co., Kansas City, Kan.  
Kimball-Tyler Co., Baltimore, Md.  
Louisville Cooperage Co., Louisville, Ky.  
Macon Cooperage Co., Macon, Ga.  
Menasha Woodware Co., Menasha, Wis.  
Rouseville Cooperage Co., Rouseville, Pa.  
St. Louis Cooperage Co., 101 Arsenal, St. Louis, Mo.

Union Cooperage Co., St. Louis, Mo. "U. C."  
Walsh Cooperage Co., Pittsburgh, Pa.  
Weinrich Cooperage Co., Burlington, Ia.  
Weissman (B.) Cooperage, Braddock, Pa.  
Western Cooperage Co., Portland, Ore.  
Wylie & Wilson, Inc., Saginaw, Mich.

**BARRELS, Steel Shop**

Cleveland Wire Spring Co., Cleveland, O.  
Kirk & Blum Mfg. Co., Cincinnati, O.  
Mullins Mfg. Corp., Salem, O.  
Seamless Steel Products Corp., Milwaukee, Wis.  
**BARRELS, Vinegar**—See Barrels and Kegs  
**BARRELS, Wine**—See Barrels and Kegs  
**BARRELS, WORKING**—See Cylinders, Well  
**BARROW WHEELS**—See Wheels, Wheelbarrow  
**BARROWS, Brick**—See Wheelbarrows, All Types and Classifications  
**BARROWS, Coal, Concrete and Mortar**—See Wheelbarrows, All Types and Classifications  
**BARROWS, Garden**—See Wheelbarrows, All Types and Classifications  
**BARROWS, Steel Tray**—See Wheelbarrows, All Types and Classifications  
**BARROWS, Steel Tubular**—See Wheelbarrows, All Types and Classifications  
**BARROWS, Toy**—See Wheelbarrows, Children's  
**BARROWS, Wheel**—See Wheelbarrows, All Types and Classifications  
**BARROWS, Wheel, Children's**—See Wheelbarrows, Children's

**BARS, Claw**

Acme Forge Works, Inc., Seattle, Wash.  
Hubbard & Co., Pittsburgh, Pa.  
Iron City Tool Works, Pittsburgh, Pa.  
Klein-Logan Co., Pittsburgh, Pa.  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.  
Woodings-Verona Tool Works, Verona, Pa.

**BARS, Clothes**

Atkinson Mfg. Co., Ludington, Mich. "Atk"  
Bunker-Clancy Mfg. Co., Kansas City, Mo. "B-C (Adjustable)"  
Chicago Curtain Stretcher Co., 3725 S. May, Chicago, Ill. "Crescent," "Marvel"  
Gem Mfg. Corp., Bascom, O. "Handy," "High Diamond," "Low Diamond," "Round Double Standard," "Square Double Standard," "Up and Down"  
Getty (H. S.) & Co., Inc., 3348 N. 10th, Phila., Pa.  
Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
Shelby Spring Hinge Co., Shelby, O.  
Stanley Wks., New Britain, Conn. (Adjustable)  
Stevenson Mfg. Co., South Bend, Ind.  
Winsted Hdw. Mfg. Co., Winsted, Conn.  
Young Bros. Co., Worcester, Mass.

**BARS, CONCRETE, REINFORCING**—See Steel Reinforcing

**BARS, Crow**

Acme Forge Wks., Inc., Seattle, Wash. "Acme"  
Bonney Forge & Tool Wks., Allentown, Pa.  
Columbus Handle & Tool Div., American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
Fulton Tool Wks., Inc., Huntington, W. Va.  
Hubbard & Co., Pittsburgh, Pa.  
Iron City Tool Wks., Pittsburgh, Pa.  
Klein-Logan Co., Pittsburgh, Pa.  
Leetonia Tool Co., Leetonia, O.  
Martin Hardsoeg Co., Pittsburgh, Pa.  
Oliver Iron & Steel Co., Pittsburgh, Pa.  
Oxford Tool Co., 1638 N. Second, Phila., Pa.  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.  
Withers Foundry & Mach. Wks., Atlanta, Ga.  
Woodings-Verona Tool Wks., Verona, Pa.

**BARS, Digging & Tamping**

Acme Forge Works, Inc., Seattle, Wash.  
Hubbard & Co., Pittsburgh, Pa.  
Iron City Tool Works, Pittsburgh, Pa.  
Klein-Logan Co., Pittsburgh, Pa.  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.  
Woodings-Verona Tool Works, Verona, Pa.

**BARS, Lead**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn., N. Y.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., Bklyn., N. Y.  
National Lead Co., 111 B'way, New York, N. Y.

**BARS, Pinch**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
Bucabel Tool Mfg. Co., Inc., 220 Adams, Bklyn., N. Y.  
Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
Damasus Steel Products Corp., Rockford, Ill. "Damasus"  
Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
Fairmount Tool & Forging Co., Cleveland, O.  
Franklin Equipment Co., Monticello, Va.  
Fulton Tool Wks., Inc., Huntington, W. Va.



# IRWIN



**The IRWIN AUGER BIT COMPANY**  
WILMINGTON, OHIO, U. S. A.





# IRWIN'S NEW 1941 CATALOG IS READY FOR YOU

● This page a replica of the front cover of Irwin's new General 1941 Auger Bit Catalog, now ready for distribution to jobbers and independent hardware dealers.

● Two other catalogs are available in addition to our General Catalog No. 41. A catalog No. SD40 showing our complete line of Screw Drivers in their natural colors, is already off the press. A special Auger Bit catalog for *independent hardware dealers*, showing only the best selling numbers they should carry in stock is also printed in colors and ready for distribution.

● When you send for your FREE copy, please specify whether you want the GENERAL AUGER BIT CATALOG No. 41 (showing complete Auger Bit line) — the SCREW DRIVER CATALOG No. SD40 or the SPECIAL DEALER'S CATALOG (showing only the volume hardware store items).



**SEND A POSTCARD TODAY FOR YOUR FREE COPY!**



**THE IRWIN AUGER BIT COMPANY, Wilmington, Ohio, U.S.A.**

Digitized by Google

### BARS, Pinch (Continued)

Hubbard & Co., Pittsburgh, Pa.  
Iron City Tool Wks., Pittsburgh, Pa.  
Leetonia Tool Co., Leetonia, O.  
Mound Tool Co., 1203 S. 7th, St. Louis, Mo.  
National Tool Co., 90 Walker, New York, N. Y.  
Oxford Tool Co., 1633 N. Second, Phila., Pa.  
Quality Tools Corp., New Wilmington, Pa. "Old-  
forge"  
Ryan (James J.) Tool Wks., Southington, Conn.  
Stanley Tools Div. Stanley Works, New Britain,  
Conn.  
Valley Forging Co., Verona, Pa.  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.  
What Cheer Tool Co., What Cheer, Ia.  
Woodings-Verona Tool Wks., Verona, Pa.

### BARS, Portable

Electric Invisible Kitchen Co., La Salle-Wacker  
Bldg., Chicago, Ill. "Bar-etta"

BARS, Prying—See Bars, Wrecking

### BARS, Push

American Enamelled Products Co., Waukesha, Wis.  
"Sno-White"  
Brey Krause, Allentown, Pa.  
Cast Aluminum Push Bar Co., 332 E. Town, Colum-  
bus, O.  
Champion Hdw. Co., Geneva, O.  
City Plating & Mfg. Co., St. Louis, Mo.  
Corbin, P. & F., New Britain, Conn.  
Detroit Hardware Mfg. Co., Detroit, Mich.  
Eero Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.  
Garden City Plating & Mfg. Co., Chicago, Ill.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Imperial Brass Mfg. Co., 1200 W. Harrison, Chi-  
cago, Ill.  
Kason Hdw. Corp., 127 Wallabout, Bklyn., N. Y.  
Kee (F. D.) Mfg. Co., Beatrice, Neb.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"  
McArthur (Warren) Corp., 1 Park Av., New York,  
N. Y.  
McKinney Mfg. Co., Pittsburgh, Pa.  
McKlanburg-Duncan Co., Oklahoma City, Okla.  
"Nu-Art"  
Michael Art Bronze Co., Covington, Ky.  
Midwest Hardware Co., Chicago, Ill.  
Monarch Mfg. Co., Detroit, Mich.  
Newport Products Co., Newport, Mich.  
Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New  
York, N. Y.  
Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
Peerless Bronze & Aluminum Co., 723 Gratiot Av.,  
Detroit, Mich. "Peerless"  
Reading Hardware Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Sarrent & Co., New Haven, Conn.  
Shelby Spring Hinge Co., Shelby, O.  
Slaymaker Lock Co., Lancaster, Pa.  
Yale & Towne Mfg. Co., Stamford, Conn.

### BARS, Slice

Farrell-Cheek Steel Co., Sandusky, O.  
Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn.,  
N. Y.  
Leetonia Tool Co., Leetonia, O.  
National Tool Co., 90 Walker, New York, N. Y.

### BARS, Striking Bag

Wilson Sporting Goods Co., 2037 N. Campbell Av.,  
Chicago, Ill. "Wilson Doorway"

### BARS, Swimming

DeRymel Mfg. Co., Ltd., 3440 E. Foothill Blvd.,  
Pasadena, Cal. "Hawaiian"

### BARS, Towel

A. & J. Kitchen Tool Co., 1949 N. Cicero Av.,  
Chicago, Ill. "Quick Snap"  
American Enamelled Products Co., Waukesha, Wis.  
"Sno-White"  
Art Brass Co., 151 E. 126th, New York, N. Y.  
Atlas-Ansonia Co., New Haven, Conn.  
Avery Co., Oakville, Conn. "Clip-On"  
Bache (Semon) & Co., 636 Greenwich, New York,  
N. Y.  
Baker (S. D.) Mfg. Co., 234 W. 14th, New York,  
N. Y. "Attacho," "China Royal," "Samsonchins"  
Bay Lodge Specialty Co., Inc., Trenton, N. J.  
"Sutrow Jr."  
Boston Mirror Co., Boston, Mass.  
Brey & Krause Mfg. Co., Allentown, Pa. "Colonial,"  
"De Luxe Mayflower," "New Mayflower," "Plym-  
outh Jr.," "Wm. Penn."  
Emmett Glass Products, Inc., Weston, W. Va.  
Larkin Mfg. Co., 601 Salzburg Av., Bay City,  
Mich. "Demkin"  
Lytt Mfg. Co., Girard, Pa.  
Lytt (J. P.) Mfg. Co., Cambridge, Mass. "Brass-  
stiffener"  
Garden City Plating & Mfg. Co., Chicago, Ill.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
H. H. Schaeff & McDonald, 1344 W. Washington  
Blvd., Los Angeles, Cal. "Hall-Mark"  
Hasty Things Mfg. Co., Ludington, Mich.  
Hewer, Inc., 859 Communipaw Av., Jersey City,  
N. J. "Tyteset"  
Higgins (L.) Mfg. Co., N. Girard, Pa.  
Hill (H. L.) Co., Inc., Wallingford, Conn.  
Kable Glass Co., Vineland, N. J.  
Loring Glass Co., Vineland, N. J.

Krischer Trading Corp., 210 Taaffe Pl., Bklyn.,  
N. Y. "Knight Brand"  
Landers, Frary & Clark, New Britain, Conn. "Uni-  
versal"  
Miami Cabinet Div., Philip Carey Co., Middletown,  
O. "Miami-Carey"  
Michigan Metal Products Co., Battle Creek, Mich.  
Parker (Chas.) Co., Meriden, Conn.  
Peerless Novelty Co., 105 Fulton, Grand Haven,  
Mich.  
Plume & Atwood Mfg. Co., Waterbury, Conn.  
Pocono Metal Mfg. Co., East Stroudsburg, Pa.  
Porcelain Products, Inc., Parkersburg, W. Va.  
Racine Iron & Wire Wks., Racine, Wis.  
Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad  
Av., Newark, N. J.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
Turner & Seymour Mfg. Co., Torrington, Conn.  
"Wilwear"  
United States Lock & Hdw. Co., Columbia, Pa.  
United Wire Goods Mfg. Co., 1150 Bway., New  
York, N. Y. "Ivory"  
Vineland Flint Glass Wks., Vineland, N. J.  
Washburn Company, Worcester, Mass. "Natwire"  
"White-Steel" Sanitary Furniture Co., Grand  
Rapide, Mich.  
Willette Corp. of New Jersey, New Brunswick,  
N. J. "Stae fast"  
Youngstown Mfg. Co., 76 S. Prospect, Youngstown,  
O.

### BARS, Wrecking

Albert Tool Co., Mercer, Pa.  
American Logging Tool Co., Evart, Mich.  
American Swiss File & Tool Co., 410 Trumbull,  
Elizabeth, N. J. "American Swiss"  
Bucabel Tool Mfg. Co., Inc., 210 Adams, Bklyn.,  
N. Y.  
Champion-De Arment Tool Co., Meadville, Pa.  
"Critics"  
Cincinnati Tool Co., Montgomery Rd., Cincinnati,  
O. "Hargrave"  
Damascus Steel Products Corp., Rockford, Ill. "Das-  
co"  
Disston (Henry) & Sons, Inc., Tacony, Phila., Pa.  
Drew (C.) & Co., Kingston, Mass.  
Duffy Mfg. Co., Chicago, Ill.  
Evansville Tool Wks., Div. of The American Fork  
& Hoe Co., 1623 Euclid Av., Cleveland, O.  
"Evansville"  
Fairmount Tool & Forging Co., Cleveland, O.  
Hall Mfg. Co., Cedar Rapids, Ia.  
Harrold (H. J.) Tool Co., Columbiana, O.  
Hood Bros., Inc., 4336 Orchard, Phila., Pa.  
Hubbard Co., Pittsburgh, Pa.  
Krauter & Co., Inc., 583 18th Av., Newark, N. J.  
Leetonia Tool Co., Leetonia, O.  
Martin Hardsocg Co., Pittsburgh, Pa.  
Mound Tool Co., 1203 S. 7th, St. Louis, Mo.  
National Tool Co., 90 Walker, New York, N. Y.  
Oxford Tool Co., 1633 N. Second, Phila., Pa.  
Paine, Benjamin O., Millbury, Mass.  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"  
Penn Tool Co., 713 N. Broad, Phila., Pa.  
Plomb Tool Co., Los Angeles, Cal.  
Rainey Mfg. Co., Titusville, Pa.  
Stanley Tools Div. Stanley Works, New Britain,  
Conn.  
Tiffany, Carroll R., Conklin, N. Y.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av.,  
Chicago, Ill. "V & B"  
Vlechek Tool Co., Cleveland, O.  
Warren Tool Corp., Warren, O. "Star"  
Warwood Tool Co., Wheeling, W. Va.  
Woodings-Verona Tool Wks., Verona, Pa.

BARS, Wrecking, Gooseneck—See Bars, Wrecking

BASE BALL BASES—See Bases, Base Ball

BASE BALL BATS—See Bats, Base Ball

BASE BALL GAME BOARDS—See under Games.  
Unclassified

BASE BALL GLOVES—See Gloves, Base Ball

BASE BALL MITTS—See Gloves, Base Ball

BASE BALL SHOE PLATES—See Plates, Shoe.  
Base Ball

BASE BALL SHOES—See Shoes, Base Ball

BASE BALL SUITS—See Uniforms, Base Ball

BASE BALL UNIFORMS—See Uniforms, Base Ball

BASE BALLS—See Balls, Base

BASE BALLS, Indoor—See Balls, Base, Indoor

BASEMENT LIFTS—See Lifts, Fuel and Basement

BASEMENT WINDOWS—See Windows, Basement

### BASES, Base Ball

Goldsmith (P.) Sons, Inc., John & Findlay, Cincin-  
nati, O.  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Wilson Sporting Goods Co., 2037 N. Campbell Av.,  
Chicago, Ill.

### BASES, Column

Ideal Hanger Co. Div. Consolidated Iron-Steel Mfg.  
Co., 1290 E. 53rd, Cleveland, O.  
Majestic Co., Huntington, Ind.  
Swett (A. L.) Iron Wks., Medina, N. Y.

### BASES, Fuse, Cut-Out, Electric

Bryant Electric Co., Bridgeport, Conn.  
Chase-Shawmut Co., Newburyport, Mass.  
Pass & Seymour, Inc., Syracuse, N. Y.

BASIN FAUCETS—See Faucets, Basin  
BASIN WRENCHES—See Wrenches, Basin

### BASINS, Canvas, Folding

Dafoe-Eustice Co., Detroit, Mich.  
Hooper (Wm. E.) & Sons Co., Phila., Pa.  
BASINS, WASH—See Ware, Aluminum; also Ware,  
Enamelled; also Ware, Tin

BASKET BALL BANKS—See Equipment, Play-  
ground

BASKET BALL BLADDERS—See Bladders, Foot  
Ball, Etc.

BASKET BALL GOALS—See Goals, Basket Ball

BASKET BALL LACES—See Laces, Foot Ball, Etc.

BASKET BALL NETS—See Nets, Basket Ball

BASKET BALL PUMPS—See Pumps, Foot Ball,  
Etc.

BASKET BALL SHOES—See Shoes, Basket Ball

BASKET BALL UNIFORMS—See Uniforms, Bas-  
ket Ball

BASKET BALLS—See Balls, Basket

BASKET FRYERS—See Fryers, Basket

### BASKETS, Bicycle, Wire

American Wire Form Co., Inc., 265 Grant Av., Jer-  
sey City, N. J. "No Germ"  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Wald Mfg. Co., Inc., Maysville, Ky.  
Washburn Co., Worcester, Mass.

### BASKETS, Clothes

Bailou (M. E.) & Son Co., Becket, Mass.  
Berger Mfg. Co., Div. Republic Steel Corp., Can-  
ton, O. "Berloy"  
Bryant, John T., Springfield, O.  
Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Collis Co., Clinton, Ia.  
Luke Basket Co., Berrien Springs, Mich.  
Marion Basket Co., Inc., Marion, Ind. "Marion  
Maid"  
O'Loughlin Basket Co., Inc., Providence, R. I.  
Redmon (W. C.) Sons & Co., Peru, Ind.  
Shelton Basket Co., Shelton, Conn.  
Thurwachter (L. L.) & Sons, Syracuse, N. Y.  
Wind-Power Mfg. Co., Newton, Ia. "Rol-Basket"

### BASKETS, Coal

Bailou (M. E.) & Son Co., Becket, Mass.  
Edgerton Mfg. Co., Plymouth, Ind.  
Hooper (Wm. E.) & Sons Co., Phila., Pa.  
Morris & Co., Groveville, N. J.  
Sackett (H. B.) Screen & Chute Co., Chicago, Ill.  
Shelton Basket Co., Shelton, Conn.  
Steel Basket Co., Cedar Rapids, Ia.

### BASKETS, Counter Display

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Grand Rapids Wire Products Co., Grand Rapids,  
Mich. (Collapsible)  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Marion Basket Co., Inc., Marion, Ind. "Marion  
Maid"  
O'Loughlin Basket Co., Inc., Providence, R. I.  
Peerless Wire Goods Co., Lafayette, Ind.  
Shelton Basket Co., Shelton, Conn.  
United Steel & Wire Co., Battle Creek, Mich.  
"Steel Shod"  
Washburn Company, Worcester, Mass.

### BASKETS, Farm

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Shelton Basket Co., Shelton, Conn.

### BASKETS, Fireplace, Wood, Etc.

American Windshield & Special Co., 442 Boston  
Post Rd., Milford, Conn. "Puritan"  
Adams Co., Dubuque, Ia.  
Atlanta Stove Wks., Atlanta, Ga.  
Bennett Fireplace Corp., Norwich, N. Y. "Bennett"  
Birmingham Stove & Range Co., Birmingham, Ala.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles,  
Cal. "Boycro"  
Burlington Willow Ware Shops, Burlington, Ia.  
Centre Brass Works, Inc., 72 Spring, New York,  
N. Y.  
Chattanooga Implement & Mfg. Co., Chattanooga,  
Tenn.  
Clark (H. W.) Co., Mattoon, Ill.  
Donley Bros. Co., Cleveland, O.  
Howes (S. M.) Co., Boston, Mass.  
Ohio Foundry & Mfg. Co., Steubenville, O.  
Peerless Mfg. Co., Louisville, Ky.  
Sheffield Mfg. Co., 119 W. 25th, New York, N. Y.  
Shelton Basket Co., Shelton, Conn.  
Wayne Agricultural Works, Inc., Goldsboro, N. C.  
Weidman Mfg. Co., Inc., 168 Centre, New York,  
N. Y.

### BASKETS, Fishermen's

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Horrocks-Ibbotson Co., Dept. S., Utica, N. Y.  
Massillon Wire Basket Co., Massillon, O.  
Shelton Basket Co., Shelton, Conn.  
Steel Basket Co., Cedar Rapids, Ia.



# HANDEE TOOL OF 1001 USES

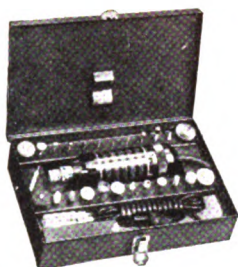
## GET ON THE HOBBY BAND WAGON

Hobbyists, mechanics and repairmen prefer the Handee. Merchants like it too—requires small stock investment and has rapid, profitable turnover.

Throughout the world Handee has prestige, because of its startlingly efficient performance—because since it was invented 12 years ago, it has been advertised in more than 100 leading national, trade and professional magazines.

It sells on sight. Every man and boy who picks up a Handee wants one because of its perfect balance, speed and smoothness; he becomes a regular customer for the 300 different accessories—all first quality and American made—to do every kind of work on metals, alloys, Bakelite, bronze, wood, resins, glass, horn, bone, stone, etc.

Grinds  
Drills  
Cuts  
Polishes  
Carves  
Routs  
Saws  
Sands  
Sharpens  
Engraves  
Cleans

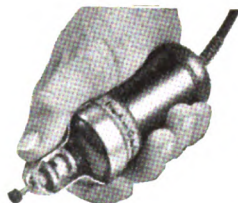


### Ultra De Luxe Set

An Ultra De Luxe Model with the 27 most popular and useful accessories, housed in a compact, strong, steel carrying case. A big, profitable seller featured in our advertising.

Nationally  
Advertised at

**\$25.00**



### Standard Model

Built to the same high quality standards as the De Luxe. A sturdy little helpmate that gives dependable service. Speed 18,000 r.p.m. Weighs 16 ounces.

Nationally Advertised,  
with 3 Accessories

**\$10.75**

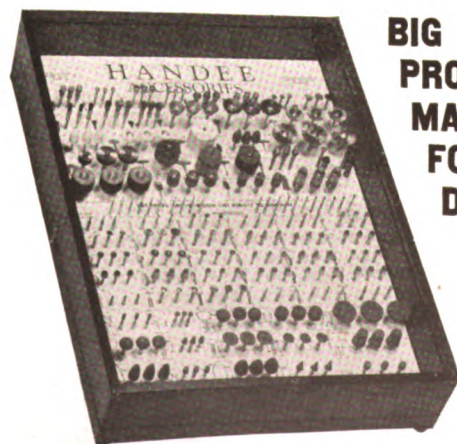


### Master Craftsman's Set

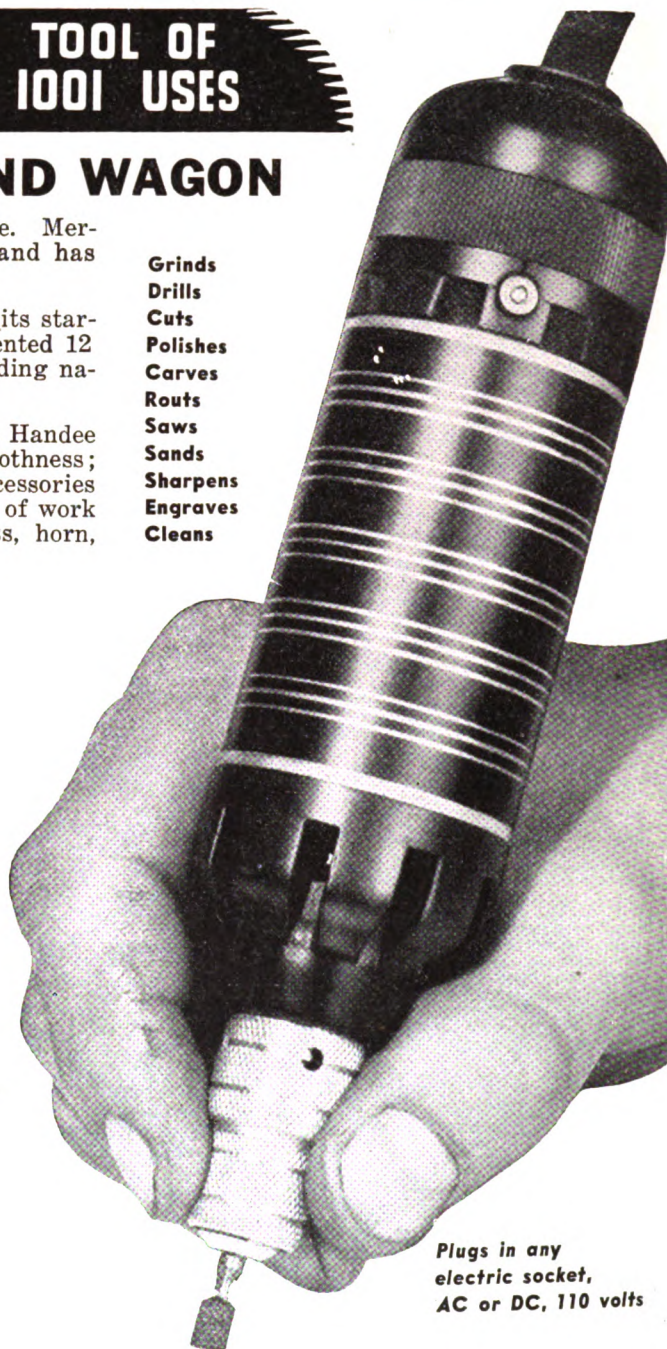
A convenient, all-around set that is in demand by home craftsmen, shop mechanics and repairmen. Metal case contains a fine selection of 18 accessories.

Nationally  
Advertised

**\$5.00**



**BIG  
PROFIT  
MAKER  
FOR  
DEALERS**



Plugs in any  
electric socket,  
AC or DC, 110 volts

### De Luxe Model

For real service. Finest, fastest, most powerful tool for its type and weight, 12 ounces. Speed 25,000 r.p.m. Equipped with a special custom-built motor. Shown above actual size.

Nationally Advertised,  
with 6 Accessories

**\$18.50**

### Handee Accessory Case

Every Handee owner is a steady customer for accessories. This practical glass-top counter display case is theft-proof and dust-proof. Takes up only 1½ square feet and contains 87 of the liveliest varieties of sales-tested accessories, that are most in demand; 3 of each item, plainly illustrated and priced for easy reordering.

Write today for Special Deal on the Accessory Case  
and Free Handee Self Demonstrator Set for Counter.

**CHICAGO WHEEL & MFG. CO.**

Makers of Quality Products for 40 Years

1101 W. Monroe St., Dept. HA,

Chicago, Ill.

Mention Hardware Age When Writing



### BASKETS, Fruit Picking

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Shelton Basket Co., Shelton, Conn.  
Union Steel Products Co., Albion, Mich.  
United Steel & Wire Co., Battle Creek, Mich.

### BASKETS, Fruit, Vegetable, Etc.

American Wire Form Co., Inc., 269 Grant Av., Jersey City, N. J.  
Augusta Basket Co., Augusta, Mich.  
Bryant, John T., Springfield, O.  
Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Edgerton Mfg. Co., Plymouth, Ind.  
Fort Valley Crate & Lumber Co., Fort Valley, Ga.  
Lake Basket Co., Berrien Springs, Mich.  
O'Loughlin Basket Co., Inc., Providence, R. I.  
Redmon (W. C.) Sons & Co., Peru, Ind.  
Shelton Basket Co., Shelton, Conn.  
United States Rubber Co., 1230 6th Av., New York, N. Y. (Rubber Covered)  
United Wire Goods Mfg. Co., 1150 Bway., New York, N. Y. "Ivory"  
Washburn Company, Worcester, Mass.  
Wooster Rubber Co., Wooster, O. "Rubbermaid"  
BASKETS, FRYING—See Fryers, Basket

### BASKETS, Garden Wheel

Gardner's Friend Co., Div. of Cooke-Roberts Corp., Orange, Mass.  
Sundstrand Metal Products Co., 1228 Bway. Court, Rockford, Ill. "Basket-Buggy"

### BASKETS, Gathering

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Shelton Basket Co., Shelton, Conn.

### BASKETS, Hotel

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
BASKETS, Hunting—See Baskets, Pack

### BASKETS, Janitor

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Shelton Basket Co., Shelton, Conn.

### BASKETS, Laundry—See Baskets, Clothes

### BASKETS, Leaf

Cyclone Fence Co., Waukegan, Ill. (Wire)  
Standard Fence Co., Oakland, Cal.

### BASKETS, Lunch—See Baskets, Picnic

### BASKETS, Mail

Shelton Basket Co., Shelton, Conn.

### BASKETS, Market

Bryant, John T., Springfield, O.  
Burlington Basket Co., Burlington, Ia. "Hawkeye"  
May, M. J., Geneva, N. Y.  
Marion Basket Co., Inc., Marion, Ind. "Marion Maid"  
O'Loughlin Basket Co., Inc., Providence, R. I.  
Redmon (W. C.) Sons & Co., Peru, Ind.  
Stamrock Fold-Away Basket Co., Madison, Ind. "Fold-Away"  
Shelton Basket Co., Shelton, Conn.

### BASKETS, Mill

Backus (A. J.) & Sons, Detroit, Mich.  
Ballo (M. E.) & Son Co., Becket, Mass.  
Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Continental Diamond Fibre Co., E. Newark, Del.  
Cyclone Fence Co., Waukegan, Ill. "Catch-All."  
"Burner"  
Fine Specialty Mfg. Co., Kennett Square, Pa.  
Harty, Frank H., Andover, Mass.  
Hobart Basket Wks., South Butler, N. Y.  
Kasper (Wm. E.) & Sons Co., Phila., Pa.  
Merris & Co., Groveville, N. J.  
National Vulcanized Fibre Co., Wilmington, Del.  
O'Loughlin Basket Co., Inc., Providence, R. I.  
Rogers Fibre Co., Boston, Mass. "Leatheroid"  
Shelton Basket Co., Shelton, Conn.  
Sponsing Fibre Co., Inc., Tonawanda, N. Y.  
Standard Fence Co., Oakland, Cal.  
Steel Basket Co., Cedar Rapids, Ia.

### BASKETS, Orange Picking

Shelton Basket Co., Shelton, Conn.

### BASKETS, Pack

Home Sporting Goods Mfg. Co., Rome, N. Y.  
Harts (Geo. L.) & Co., Saranac Lake, N. Y.

### BASKETS, Package

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Baskets, Pack—See Baskets, Fruit

### BASKETS, Picnic

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Stamrock Fold-Away Basket Co., Madison, Ind. "Fold-Away"  
Shelton Basket Co., Shelton, Conn.

### BASKETS, Potato

Shelton Basket Co., Shelton, Conn.  
United Steel & Wire Co., Battle Creek, Mich.  
"Tiled"

### BASKETS, Refrigerator

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Central Wire Frame Co., Inc., 218 E. 26th, New York, N. Y.  
Grand Rapids Wire Products Co., Grand Rapids, Mich.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Shelton Basket Co., Shelton, Conn.  
Union Steel Products Co., Albion, Mich.  
Wooster Rubber Co., Wooster, O. "Rubbermaid"

### BASKETS, Shipping

Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Shelton Basket Co., Shelton, Conn.

### BASKETS, Sponge

United Steel & Wire Co., Battle Creek, Mich.

### BASKETS, Vegetable—See Baskets, Fruit, Vegetable, Etc.

### BASKETS, Steel, Galvanized

Atlantic Stamping Co., Rochester, N. Y.  
Crunden (Martin) Mfg. Co., St. Louis, Mo.  
Franklin Equipment Co., Monticello, Ia. "Monticello"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
Hall Mfg. Co., Cedar Rapids, Ia. "Jumbo"  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Reeves Steel & Mfg. Co., Dover, O.  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Steel Basket Co., Cedar Rapids, Ia.

### BASKETS, Waste Paper

Almo Trading & Importing Co., 3 W. 18th, New York, N. Y. (Indurated Fibre)  
Arveyware Corp., 202 Franklin, Olean, N. Y. "Arvey"  
Bertels Metal Ware Co., Inc., Kingston, Pa.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boycro"  
Bromwell Wire Goods Co., Cincinnati, O.  
Browne Morse Co., Muskegon Heights, Mich.  
Burlington Basket Co., Burlington, Ia. "Hawkeye"  
Burlington Willow Ware Shops, Burlington, Ia. "Willow Ware"  
California Tole Co., Inglewood, Cal.  
Capital Wire Co., Madison, Wis.  
Cincinnati Galvanizing Co., Cincinnati, O. "King"  
Continental Diamond Fibre Co., E. Newark, Del.  
Cyclone Fence Co., Waukegan, Ill. "Catch-All."  
"Burner"  
Erie Art Metal Co., Erie, Pa. "Dan-Dee"  
Fibre Specialty Mfg. Co., Kennett Square, Pa.  
Frank (Geo.) Sons Co., Baltimore, Md.  
Gatch Wire Goods Co., 801 Buren, Baltimore, Md.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Hamilton Metal Products Co., Hamilton, O. "CH-max"  
Kasper Wire Works, Shiner, Tex.  
Kork-Craft Products, Inc., 200 6th Av., New York, N. Y.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco."  
"Nemco"  
Luke Basket Co., Berrien Springs, Mich.  
Marion Basket Co., Inc., Marion, Ind. "Marion Maid"  
Massillon Wire Basket Co., Massillon, O. "Daisy"  
Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Sanette"  
National Box & Can Co., 4131 Bway. Av., Cleveland, O.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
National Vulcanized Fibre Co., Wilmington, Del. "Vul-Cot"  
Northwest Metal Products, Inc., Seattle, Wash. "Chief"  
Norwich Wire Works, Inc., Norwich, N. Y.  
Owens-Illinois Can Co., Toledo, O.  
Peerless Wire Goods Co., Lafayette, Ind.  
Penn Art Steel Wks., Erie, Pa.  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Rogers Fibre Co., Boston, Mass. "Leatheroid"  
Sanitary Receiver Co., Inc., Dunkirk, N. Y. "Hyde-waste"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schleuter Mfg. Co., St. Louis, Mo. "De Luxe"  
Shelton Basket Co., Shelton, Conn.  
Standard Fence Co., Oakland, Cal.  
Standard Holloware Corp., 92 Bogart, Bklyn., N. Y. "Stanco"  
Stow & Davis Furn. Co., Grand Rapids, Mich.  
United Steel & Wire Co., Battle Creek, Mich.  
Washburn Company, Worcester, Mass.  
Worcester Wire Novelty Co., Inc., Baltimore, Md. "Hold-em"

Shelton Basket Co., Shelton, Conn.

### BASKETS, Wire

American Wire Form Co., Inc., 269 Grant Av., Jersey City, N. J.  
Buffalo Wire Wks. Co., Buffalo, N. Y.  
Capital Wire Co., Madison, Wis.  
Central Wire Frame Co., 218 E. 26th, New York, N. Y.  
Columbus Wire & Iron Wks. Co., Columbus, O.  
Cyclone Fence Co., Waukegan, Ill. "Catch-All."  
"Burner"  
Gatch Wire Goods Co., 801 Buren, Baltimore, Md.  
Grand Rapids Wire Products Co., Grand Rapids, Mich.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Jelliff (C. O.) Mfg. Corp., Southport, Conn.  
Kasper Wire Works, Shiner, Tex.  
Lasar Mfg. Co., St. Louis, Mo.

Lyon Metal Products, Inc., 186 Madison Av., Aurora, Ill.  
Massillon Wire Basket Co., Massillon, O.  
Norwich Wire Works, Inc., Norwich, N. Y.  
Peerless Wire Goods Co., Lafayette, Ind.  
Racine Iron & Wire Wks., Racine, Wis.  
Rolling's (John A.) Sons Co., Trenton, N. J. "Jersey"  
Rolock, Inc., Southport, Conn.  
Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
Smith (John P.) & Co., New Haven, Conn.  
Standard Fence Co., Oakland, Cal.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O. (Rubbish)  
Tyler (W. S.) Co., Cleveland, O.  
Union Steel Products Co., Albion, Mich.  
United Steel & Wire Co., Battle Creek, Mich. "United"  
United Wire Goods Mfg. Co., 1150 Bway., New York, N. Y. "Ivory"  
Washburn Company, Worcester, Mass.  
Worcester Wire Novelty Co., Inc., Baltimore, Md. "Hold-em"

### BASSINETTES, Baby

Backus (A.) Jr. & Sons, 1533 Lafayette Blvd., Detroit, Mich.  
Burlington Basket Co., Burlington, Ia. "Hawkeye"

### BASSINETS, Doll

Anchor Toy Corp., Coudersport, Pa.  
Gendron Wheel Co., Toledo, O.  
Lehman Co. of America, Cannelton, Ind.  
Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.  
Welsh-Hartman Co., St. Louis, Mo.  
Whitney Bros. Co., Marlboro, N. H.  
BASTARD FILES—See Files and Rasps

### BASTERS, Meat

Hollis Co., Inc., 207 Market, Newark, N. J. "Pro-recto"

### BASTING SPOONS—See Spoons, Basting

### BAT BAGS—See Bags, Bat

### BATH BRUSHES—See Brushes, Bath

### BATH FAUCETS—See Faucets, Bath

### BATH ROBE HOOKS—See Hooks, Coat and Hat

### BATH ROOM ACCESSORIES—See Fixtures and Furnishings, Bath Room; also article desired

### BATH ROOM CABINETS—See Cabinets, Bath Room, Medicine

### BATH ROOM FIXTURES—See Fixtures and Furnishings, Bath Room

### BATH ROOM FURNISHINGS—See Fixtures and Furnishings, Bath Room

### BATH ROOM MIRRORS—See Mirrors, Bath Room

### BATH ROOM SCALES—See Scales, Bath Room

### BATH ROOM SINKS—See Lavatories, Pedestal & Wall

### BATH ROOM STOOLS—See Stools, Bath Room

### BATH SPRAYS—See Baths, Shower, Portable

### BATH TUB MATS—See Mats, Bath Tub, Rubber

### BATH TUB MOULDINGS—See Mouldings, Bath Tub

### BATH TUB SEATS—See Seats, Bath Tub

### BATH TUBS—See Tubs, Bath

### BATHING CAPS—See Caps, Bathing

### BATHING SHOES—See Shoes, Bathing

### BATHING SUIT BAGS—See Bags, Bathing Suit

### BATHING SUITS—See Suits, Bathing

### BATHS, Bird

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill. (Combination Lawn Sprinklers)  
American Skein & Foundry Co., Racine, Wis.  
Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
Artcrete Products Co., Upper Darby, Pa. "Artcrete"  
Brown (E. C.) Co., Rochester, N. Y.  
Hazel-Atlas Glass Co., Wheeling, W. Va.  
Logan Pottery Co., Logan, O.  
Lynch (Kenneth), & Son, Inc., 215 E. 42nd, New York, N. Y.  
Owens-Illinois Glass Co., Toledo, O.  
Swett (A. L.) Iron Works, Medina, N. Y.  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Tegco"  
United States Glass Co., Pittsburgh, Pa.  
Youngstown Welding & Engineering Co., Youngstown, O.

### BATHS, Shower and Needle

Clow (Jas. B.) & Sons, Chicago, Ill.  
Douglas (John) Co., Cincinnati, O.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Fisher Brass, Inc., Marysville, O.  
Nelson (N. O.) Mfg. Co., St. Louis, Mo.  
Rundie-Spence Mfg. Co., Milwaukee, Wis.  
Scovill Mfg. Co., Plumbers' Brass Goods Div., Waterville, Conn.  
Speakman Co., Wilmington, Del.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.

### BATHS, Shower, Portable

Baker (S. D.) Mfg. Co., 234 W. 14th, New York, N. Y. "Samsonshower"  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brascrafters"

# ALLITH-PROUTY INC.

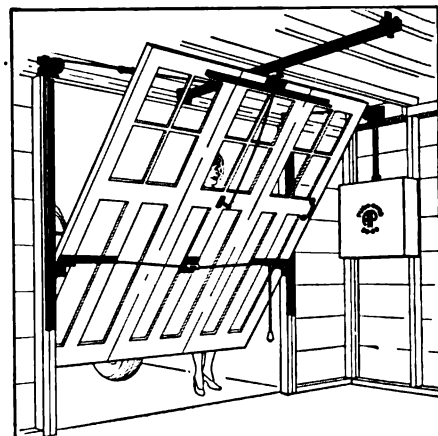
Manufacturers of Hardware for all Types of Rolling Doors

DANVILLE, ILLINOIS

## PRODUCTS

ACCORDION DOOR HARDWARE  
AIRPORT DOOR HARDWARE  
BARN DOOR HARDWARE  
FIRE DOOR HARDWARE  
(Underwriters)  
HOUSE DOOR HARDWARE (Sliding)  
INDUSTRIAL DOOR HARDWARE  
ROUND HOUSE DOOR HARDWARE

VERTICAL SLIDE DOOR HARDWARE  
HEAVY TYPE DOOR HINGES  
OVERHEAD CARRIERS  
GARAGE DOOR HARDWARE  
Folding-Sliding  
Overhead Type  
Round-the-Corner  
Straight Sliding  
STADIUM SEAT BRACKETS

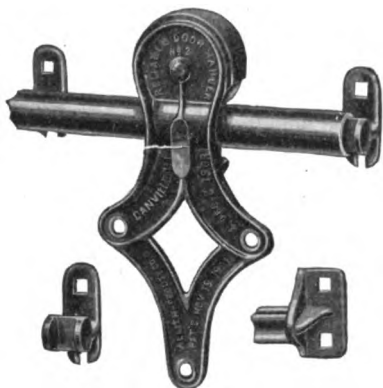


ALLITH "PUSH-OVER" HARDWARE

Always economical and efficient. All working parts are simple and sturdy. There are no springs. The door is counterbalanced with a weight box to be filled with sand. The turn-over action as illustrated will clear any modern car with space to spare if rear bumpers clear the door.

The door can be sealed on all four sides with weatherstrips. All hardware parts are inside, protected from the weather. Ideal for basement installations, as only 5½ in. headroom is required.

The positive locking-device holds the door against wind pressure and is designed to be secured with a standard padlock. When wanted, an individual cylinder locking handle can be furnished at a slight increase in price of set.



Allith Reliable Round Track Door Hangers

Available in four sizes and many types, to carry doors of any weight. Handles doors in parallel or in continuous runs.

No. 2 Hanger shown about ¼ actual size.



Allith Hangers for Trolley Tracks

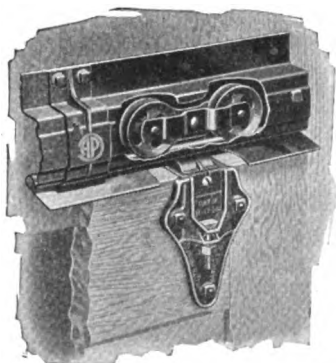
Malleable and steel pendants, trucks and door plates. Durable roller bearings. All necessary sizes available.

No. 61 Hanger shown about ¼ actual size.



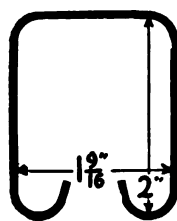
Allith House Door Hanger

The Allith-Prouty No. 5 Hanger is one of the best known and best selling parlor door hangers. Quiet and trouble-proof. Hanger shown about ¼ actual size.

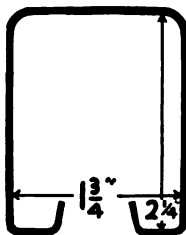


Allith "Ten-Ten"

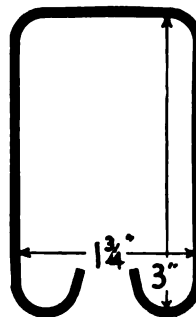
Watershed Hangers and Tracks Heavy Malleable Hanger provides trouble-proof service for the life of the building. Track is made of 14-gauge steel, formed to insure weathertight construction at top of door. Illustration about ½ actual size. Smaller sizes available.



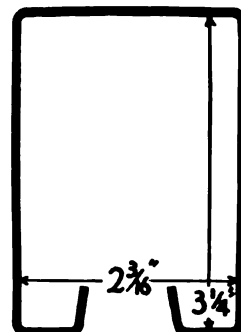
Allith Track  
No. 60-X 16 gauge  
No. 62-X 14 gauge



Allith Track  
No. 240-X 16 gauge  
No. 242-X 14 gauge



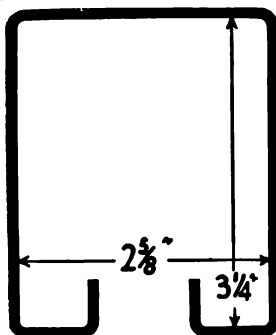
Allith Track  
No. 71-X 14 gauge



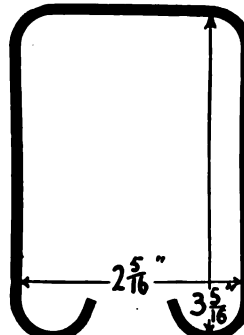
Allith Track  
No. 270-X 14 gauge

Brackets available for any of these tracks to meet any condition

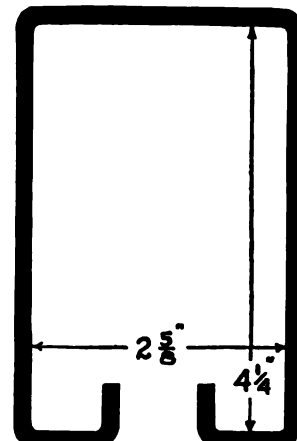
Track sections shown half size



Allith Track  
No. 280-X 13 gauge  
No. 288-X 10 gauge



Allith Track  
No. 67-X 13 gauge  
No. 68-X 10 gauge



Allith Track  
No. 290-X 10 gauge

**ALLITH-PROUTY INC., Danville, Illinois**

Mention Hardware Age When Writing

Digitized by Google

## BATHS, Shower, Portable (Continued)

Fisher Brass, Inc., Marysville, O.  
 Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.  
 Hodgman Rubber Co., Framington, Mass. "Xtra-Valu"  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 Interstate Rubber Co., Inc., 472 Broome, New York, N. Y. "Health Shoulder Shower," "Interstate"  
 Keystone Brass & Rubber Co., Broad and Lehigh Av., Philadelphia, Pa.  
 Knickerbocker Rubber Co., 224 N. Desplaines, Chicago, Ill.  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Nelson (N. O.) Mfg. Co., St. Louis, Mo.  
 Reliable Metal Novelty Co., 13 W. 26th, New York, N. Y.  
 Seacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 Seovill Mfg. Co., Plumbers' Brass Goods Div., Waterville, Conn.  
 Sev Products, Inc., 2002 Rand Bldg., Buffalo, N. Y.  
 Speakman Co., Wilmington, Del.  
 Stanley-Oliver Mfg. Co., 1414 S. Wabash Av., Chicago, Ill. "Ever-Ready," "E-Z-Tach"  
 Stockler Sales Co., 23 E. 22nd, New York, N. Y. "EZ"  
 Weiskittel (A) & Son Co., Baltimore, Md. "Luxuria"  
 Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Flexospray"  
 Wolverine Brass Wks., Grand Rapids, Mich.

## BATS, Baseball

Campbell, M. R., Tullahoma, Tenn.  
 Derby Bat Corp., Barre, Vt.  
 Disterman & Jones, Jonesville, Mich. "Paul A. Jones"  
 Draper-Maynard Co., 400 York, Cincinnati, O. "D & M"  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Hanna Mfg. Co., Athens, Ga. "Burke-Batrite," "Burke-Hanna"  
 Hillerich & Bradshaw Co., Louisville, Ky. "Louisville Slugger"  
 Indiana Handle Co., Paoli, Ind. "Sure Hit"  
 Kren (Joseph G.) Bat Co., Syracuse, N. Y.  
 Leathers (A. H.) Mfg. Co., Dickson, Tenn. "Dixie Swatter"  
 Leavitt Mfg. Co., Urbana, Ill. "Gill"  
 Rademaker (H.) & Sons, Grand Rapids, Mich.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

## BATS, Cricket

Modart (Fred) Mfg. Co., St. Louis, Mo.

## BATTERIES, Air Cell "A"

National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready"

## BATTERIES, Blasting

Burgess Battery Co., Freeport, Ill.  
 Du Pont (E. I.) de Nemours & Co., Wilmington, Del.  
 Explosives Dept., "Du Pont"  
 Martin Harwood Co., Pittsburgh, Pa.  
 Niagara Searchlight Co., Niagara Falls, N. Y.

## BATTERIES, Dry

(See also Batteries, Flashlight)

Bond Electric Corp., New Haven, Conn. "Bond," "Franco," "Orion," "Winner"  
 Bright Star Battery Co., Clifton, N. J. "Bright Star," "Unedit"  
 Burgess Battery Co., Freeport, Ill.  
 General Dry Batteries, Inc., Cleveland, O.  
 National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready-Columbia Hot Shot," "Eveready Ignitor," "Eveready R. R. & Industrial," "Red Seal"  
 Niagara Searchlight Co., Niagara Falls, N. Y.  
 Philco Radio & Television Corp., Tioga and C, Phila., Pa. "Philco"  
 Ray-O-Vac Co., Madison, Wis. "Ray-O-Vac"  
 Southern Battery Co., Appomattox, Va.  
 Underwood Battery Co., 1250 Ontario, Cleveland, O.  
 U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usa-Lite"  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

## BATTERIES, Dry, Multi-Cell Units

Bond Electric Corp., New Haven, Conn. "Bond," "Franco," "Orion," "Winner"  
 Bright Star Battery Co., Clifton, N. J. "Bright Star," "Unedit," "Vitaspark"  
 Burgess Battery Co., Freeport, Ill. "Uniplex"  
 National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Columbia Hot Shot," "Red Seal"  
 Philco Radio & Television Corp., Tioga and C, Phila., Pa. "Philco"  
 Ray-O-Vac Co., Madison, Wis. "Ray-O-Vac"  
 U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usa-Lite"  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

## BATTERIES, Dry "A," Radio

Battery Mfg. Co., 1228 W. Breck, Louisville, Ky.  
 Bond Electric Corp., New Haven, Conn. "Bond," "Franco," "Orion," "Winner"

Bright Star Battery Co., Clifton, N. J. "Bright Star," "Unedit"  
 Burgess Battery Co., Freeport, Ill. "Powerhouse"  
 General Dry Batteries, Inc., Cleveland, O.  
 National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready"  
 Niagara Searchlight Co., Niagara Falls, N. Y.  
 Philco Radio & Television Corp., Tioga and C, Phila., Pa. "Philco"  
 Ray-O-Vac Co., Madison, Wis. "Ray-O-Vac"  
 U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usa-Lite"  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

## BATTERIES, Dry "B," Radio

Bond Electric Corp., New Haven, Conn. "Bond," "Franco," "Orion," "Winner"  
 Bright Star Battery Co., Clifton, N. J. "Bright Star," "Unedit"  
 Burgess Battery Co., Freeport, Ill.  
 General Dry Batteries, Inc., Cleveland, O.  
 National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready," "Layerbilt," "Mini-Max"  
 Niagara Searchlight Co., Niagara Falls, N. Y.  
 Philco Radio & Television Corp., Tioga and C, Phila., Pa. "Philco"  
 Ray-O-Vac Co., Madison, Wis. "Ray-O-Vac"  
 U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usa-Lite"  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

## BATTERIES, Dry "C," Radio

Bond Electric Corp., New Haven, Conn. "Bond," "Franco," "Orion," "Winner"  
 Bright Star Battery Co., Clifton, N. J. "Star," "Unedit"  
 Burgess Battery Co., Freeport, Ill.  
 National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready"  
 Niagara Searchlight Co., Niagara Falls, N. Y.  
 Philco Radio & Television Corp., Tioga and C, Phila., Pa. "Philco"  
 Ray-O-Vac Co., Madison, Wis. "Ray-O-Vac"  
 U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usa-Lite"  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

## BATTERIES, Flashlight

(See also Batteries, Dry)

Bond Electric Corp., New Haven, Conn. "Bond," "Franco," "Mono-Cell," "Orion," "Winner"  
 Bright Star Battery Co., Clifton, N. J. "Bright Star," "Mars," "Unedit"  
 Burgess Battery Co., Freeport, Ill. "Uni-Cells"  
 General Dry Batteries, Inc., Cleveland, O.  
 Merrimac Battery Plate Co., Inc., 315 Roland, Louisville, Ky. "Merrimac"  
 National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready"  
 Niagara Searchlight Co., Niagara Falls, N. Y.  
 Philco Radio & Television Corp., Tioga and C, Phila., Pa. "Philco"  
 Quirk Battery Co., Highland Park, Ill. "Charge-O-Matic"  
 Ray-O-Vac Co., Madison, Wis. "Ray-O-Vac"  
 U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Lok-Top," "Mickey Mouse," "Usa-Lite"  
 Usonia Mfg. Co., Inc., 24 N. 11th, Toledo, O. "Kwik-Lite"  
 Willard Storage Battery Co., 246 E. 131st, Cleveland, O.  
 Winchester Repeating Arms Co., New Haven, Conn. "Super Seal," "Winchester"

BATTERIES, Illuminating—See Batteries, Flashlight; also Batteries, Dry

## BATTERIES, Shaver, Dry, Electric

Schick Dry Shaver, Inc., Stamford, Conn. "Schick"

## BATTERIES, Storage

Battery Mfg. Co., 1228 W. Breck, Louisville, Ky. "Yale"  
 Delco-Remy Corp., Anderson, Ind.  
 Edison (Thos.) Inc., Emark Battery Div., Kearny, N. J.  
 Electric Storage Battery Co., Phila., Pa. "Exide"  
 Firestone Tire & Rubber Co., Akron, O.  
 General Lead Batteries Co., 4 Lister Av., Newark, N. J. "Durex," "Titan"  
 Goodrich (B. F.) Co., Akron, O.  
 Marko Storage Battery Corp., 87-35th, Bklyn., N. Y.  
 Merrimac Battery Plate Co., Inc., 315 Roland, Louisville, Ky. "Merrimac"  
 National Battery Co., St. Paul, Minn.  
 Prest-O-Lite Storage Battery Corp., Indianapolis, Ind.  
 Standard Electric Co., San Antonio, Tex. "Reliable"  
 USL Battery Corp., Niagara Falls, N. Y. "USL"  
 Universal Battery Co., 3410 S. La Salle, Chicago, Ill.  
 Willard Storage Battery Co., 246 E. 131st, Cleveland, O. "H-R"

## BATTERIES, Telephone

Burgess Battery Co., Freeport, Ill. "Little-Six," "Tri-Six," "Twin-Six"  
 National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Columbia Gray Label," "Eveready Air Cell," "Eveready Long Life"

BATTERY CABLE—See Wire Insulated

BATTERY CARRIERS—See Carriers, Battery

BATTERY CHARGERS—See Chargers, Battery

BATTERY CLIPS—See Clips, Battery

BATTERY CONNECTORS—See Connectors, Battery

BATTERY JUMPERS—See Jumpers, Battery

BATTERY RADIO SETS—See Sets, Battery, Receiving, Radio

BEACH BACK RESTS—See Rests, Beach, Back

BEACH FURNITURE—See Furniture, Beach, Lawn & Porch

BEACH UMBRELLAS—See Umbrellas, Beach

BEAD CHAIN—See Chain, Bead

BEAD CHAIN CONNECTORS—See Connectors, Bead Chain

BEADING TOOLS—See Tools, Beading

## BEADS, Corner, Metal

Ames (W. R.) Co., San Francisco, Cal.  
 Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Boston Metal Ceiling & Mfg. Co., Boston, Mass.  
 Bostwick Steel Lath Co., Niles, O.  
 Consolidated Expanded Metal Co., Wheeling, W. Va. "Steelcrete"  
 Downman-Dosier Mfg. Co., Atlanta, Ga.  
 General Fireproofing Co., Youngstown, O. "G-F Allsteel"  
 Heinz, Wm. J., 935 Hennepin, La Salle, Ill. "La Salle"  
 Hunt Metal Corner Bead Co., Lowell, Mass.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Milcor Steel Co., Milwaukee, Wis. "Expansion," "Milcor," "Superior"  
 Parkersburg Iron & Steel Co., Parkersburg, W. Va.  
 Penn Metal Co., Boston, Mass. "Penco"  
 Prescott (J. B.) & Son, Webster, Mass.  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 St. Paul Corrugating Co., St. Paul, Minn. "Pruden"  
 Sharon Steel Hoop Co., Sharon, Pa. "Maboning"  
 Shranger & Johnson, Inc., Atlantic, Ia. "Chief"  
 Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
 Souther (E. E.) Iron Co., St. Louis, Mo.  
 Sykes Metal Lath & Roofing Co., Niles, O.  
 Truscon Steel Co., Youngstown, O.  
 Wicks (M. O.) Mfg. Co., Glen Cove, N. Y.  
 BEAM CLAMPS—See Clamps, Beam  
 BEAN BAG GAMES—See Games, Bean Bag  
 BEAN POTS—See Pots, Bean  
 BEAN SHELLERS—See Shellers, Pea & Bean

## BEARING METAL

Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Brooklyn, N. Y.  
 Eagle-Picher Lead Co., Cincinnati, O.  
 National Lead Co., 111 Broadway, New York, N. Y. "Dutch Boy," "Hoyt"  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.

BEARING SCRAPERS—See Scrapers, Bearing

## BEARINGS, Ball

(See also Balls, Steel)

Acorn Bearing Co., New Britain, Conn.  
 Ahlberg Bearing Co., Chicago, Ill. "C. J. B."  
 American Ball Co., Providence, R. I.  
 Auburn Ball Bearing Co., Rochester, N. Y.  
 Ball & Roller Bearing Co., Danbury, Conn. "Barboe"  
 Bearings Co. of America, Lancaster, Pa.  
 Fafnir Bearing Co., New Britain, Conn.  
 Federal Bearings Co., Inc., Poughkeepsie, N. Y.  
 G-A Ball Bearing Co., Chicago, Ill.  
 Gurney Ball Bearing Corp., Div. Marlin-Rockwell Corp., Jamestown, N. Y. "M-R-C"  
 Hartford Steel Ball Co., West Hartford, Conn. "Hartford"  
 Hoover Ball & Bearing Co., Ann Arbor, Mich.  
 Kilian Mfg. Corp., 107 N. Franklin, Syracuse, N. Y.  
 Mathews (H. A.) Mfg. Co., Seymour, Conn.  
 New Departure Mfg. Co., Bristol, Conn.  
 Nica Ball Bearing Co., Phila., Pa.  
 Norma-Hoffmann Bearings Corp., Stamford, Conn.  
 SKF Industries, Inc., Front and Erie Av., Phila., Pa. "Hess-Bright"  
 Schatz Mfg. Co., Poughkeepsie, N. Y. "Commercial"  
 Standard Machy Co., Auburn, R. I.  
 Torrington Co., Torrington, Conn.  
 Waterbury Steel Ball Co., Inc., Poughkeepsie, N. Y.

## BEATERS, Carpet and Rug

Ely Mfg. Co., Girard, Pa.  
 Erie City Mfg. Co., Erie, Pa.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Holt-Lyon Co., Saugerties, N. Y. "Cleaner"  
 Racine Iron & Wire Wks., Racine, Wis.  
 Ressler (G. S.) & Son, Lansing, Mich.  
 Washburn Company, Worcester, Mass.  
 Wilson Mfg. Co., Niles, O.

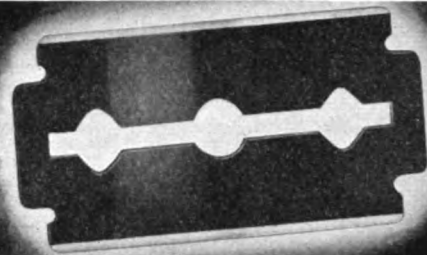
## BEATERS and WHIPS, Egg, Cream, Etc.

(See also Mixers, Whippers and Extractors, Electric)

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Aurelius Bros., Braham, Minn. "High Speed," "Master"  
 Chicago Electric Mfg. Co., Chicago, Ill. "Handy-whip" (Electric)  
 Chicago Flexible Shaft Co., Chicago, Ill. "Sun-beam Mixmaster" (Electric)  
 Chief Products Co., 701 E. 59th, Los Angeles, Calif. "Chief"



# ARMOUR'S SANDPAPER is *SHARP!*



● The razor-sharp edges of Armour's Sandpapers have satisfied users for more than 40 years with their brilliant performance.

This is why we can honestly tell you that you will be gaining new customers, earning choice profits, and cultivating invaluable goodwill for your store when you handle the Armour line.

Look over these seven popular abrasives. They're all individually packaged to move fast, with attractive blue and gold labels. Choose the ones that will sell best in your store and order them from your jobber today.

**1 Bull's Head Flint Paper.** In  $8\frac{3}{4}'' \times 10\frac{1}{2}''$  sheets. They come in strong Slide Drawer Boxes—clean, flat, sharp—ready for immediate sale. For general use in home maintenance.

**2 Electrocoated Alundum Cloth.** A razor-sharp metal-working abrasive in  $9'' \times 11''$  sheets. For sanding large metal surfaces. Fenders, wagons, metal porch furniture.

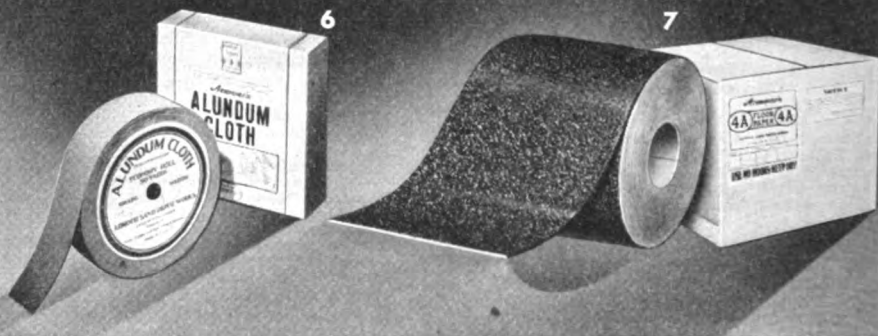
**3 Armour's Emery Cloth.**  $9'' \times 11''$  sheets. For polishing metal where no appreciable amount of stock is removed—for removing rust.

**4 Fibre Combination Discs.** Aluminum Oxide abrasive on a strong combination of fibre paper and heavy cloth backing in diameters from  $5''$  to  $9\frac{3}{8}''$ . For hand sanders, edgers, disc sanders.

**5 Handy Home Package.** Assorted popular grits in  $4\frac{3}{8}'' \times 5\frac{1}{4}''$  quality sheets. 20 sheets to the package, 12 packages to the box. For sanding walls, woodwork, floors, and furniture when painting.

**6 Economy Rolls of Electrocoated Alundum Cloth.** A metal abrasive in 50-yd. rolls (on spools) from  $1''$  to  $2''$  wide. Ideal for the metal-working hobbyist. For sanding rods and curved surfaces.

**7 Electrocoated 4A Floor Sanding Paper.** Packaged in 50-yd. lengths from  $4\frac{1}{2}''$  to  $16''$  wide and 10 cover rolls  $8''$  and  $12''$  wide. Made specifically for floor sanding machines. Sands all floors fast.



## ARMOUR SAND PAPER WORKS

Division of ARMOUR AND COMPANY  
GENERAL OFFICES: CHICAGO

Warehouse stocks available in these cities:

BOSTON NEW YORK BUFFALO PHILADELPHIA MILWAUKEE DETROIT PITTSBURGH CLEVELAND  
INDIANAPOLIS ST. LOUIS SAN FRANCISCO LOS ANGELES SEATTLE HIGH POINT, N. C. CINCINNATI

Mention Hardware Age When Writing

Digitized by Google

# BEATERS and WHIPS (Continued)

Dover Stamping & Mfg. Co., Cambridge, Mass.  
 "Leviathan Dover," "New Dover"  
 Edmund Co., Burlington, Vt.  
 Elliott Products Co., Kansas City, Mo. "Miracle"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Fitzgerald  
 Magic Maid" (Electric)  
 Fluffy Beater Co., 48 Younger Av., San Jose, Cal.  
 "Fluffy"  
 Gatch Wire Goods Co., 801 Buren, Baltimore, Md.  
 Gilbert (A. C.) Co., New Haven, Conn. "Polar Cub"  
 (Electric)  
 Giles & Nielsen Nickel Wks., Troy, N. Y. "Clipper"  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Robert Mfg. Co., Troy, O. "Kitchen Aid" (Electric)  
 Roe Corp., Poughkeepsie, N. Y. "Merryway" (Electric)  
 Holt-Lyon Co., Saugerties, N. Y. "Holt's Improved,"  
 "Holt's Improved Rotary," "Holt's Mammoth,"  
 "Holt's Tumbler"  
 Indotro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill.  
 "De Luxe," "Dunlap," "Presto," "Whippit"  
 Katsinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill. "Ajax"  
 Kitchen Aid Mfg. Co., Troy, O. (Electric)  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo.  
 "KM Hy-Speed," "Kwikway"  
 Landers, Frary & Clark, New Britain, Conn. "Mix-  
 erbeater," "Universal" (Also Electric)  
 National Die Casting Co., 600 N. Albany Av., Chicago, Ill.  
 P. M. C. Mfg. Corp., Phenicia, N. Y.  
 Racine Iron & Wire Wks., Racine, Wis.  
 Read Mfg. Co., York, Pa. "Mixonette" (Electric)  
 Reynolds Electric Co., Chicago, Ill. "Reco" (Electric)  
 Robbins & Myers Co., Springfield, O. (Electric)  
 Ross Mfg. Co., Chico, Cal. "Wonder"  
 Simpson & Sons, 65th and Vallejo, Oakland, Cal.  
 "Simact"  
 Star Specialty Co., Ashland, O.  
 Taplin Mfg. Co., New Britain, Conn. "Betty Tap-  
 lin," "Light Running," "Tumbler," "Mammoth,"  
 "Down"  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 "Blue Whirl," "Dainty Whirl," "Kitchen Whirl,"  
 "Merry Whirl"  
 United Royalties Corp., 1133 Broadway, New York, N. Y.  
 "Ladd," "Saturn"  
 Van Woert Mfg. Co., 3200 Peralta, Oakland, Cal.  
 "Beat"  
 Vidrio Products Corp., 3920 Calumet Av., Chicago, Ill.  
 "Electromix"  
 Wagner Mfg. Co., Sidney, O.  
 Wallace Bros., Wallingford, Conn.  
 Washburn Company, Worcester, Mass.  
 Winsted Hdw. Mfg. Co., Inc., Winsted, Conn.  
 "Whipwell"

# BED BACK RESTS—See Rests, Bed, Back

RED BRACES—See Braces, Chair & Bed  
 RED CASTERS—See Casters, Bed  
 RED CHAMBERS—See Chambers, Bed  
 RED FASTENERS—See Fasteners, Bed  
 RED HOOKS—See Fasteners, Bed  
 RED PANS—See Pans, Bed  
 RED AND BOUDOIR TRAYS—See Trays, Bed and  
 Boudoir  
 BEDS, Air—See Mattresses, Air

# BEDS or BERTHS, Camp and Automobile

(See also Cots, Camp, Folding)  
 Astor & Ackerman Co., Topeka, Kans. "Rex"  
 Dennis Mfg. Co., Waco, Texas. "Demco" (Pads)  
 Genesee Mfg. Co., Flint, Mich.  
 Gold Medal Folding Furniture Co., Racine, Wis.  
 Hettrick Mfg. Co., 1401 Summit, Toledo, O.  
 Pueblo Tent & Awning Co., Inc., Pueblo, Colo.  
 Schader Tent & Awning Co., Denver, Colo. "Red  
 Seal"  
 Schilling (L. F.) Co., Salem, O.  
 Stockland Specialty Mfg. Co., Minneapolis, Minn.  
 "Tackaway"  
 Stoll Mfg. Co., Denver, Colo.  
 Tourist Auto Equipment Co., Dahlgren, Ill. "Handy  
 Camp"

# BEDS, Doll

America National Co., Toledo, O.  
 Anchor Toy Corp., Coudersport, Pa.  
 Baby Bathingette Corp., 404 Platt, Rochester, N. Y.  
 Buckstaff Co., Oshkosh, Wis.  
 Case (N. D.) Co., Athol, Mass.  
 Hamilton Metal Products Co., Inc., 58 W. Exchange,  
 Akron, O.  
 Payne (A. S.) Inc., North Bennington, Vt.  
 Racine Iron & Wire Wks., Racine, Wis.

# BEE KEEPERS' SUPPLIES

Deland & Sons, Hamilton, Ill.  
 Falconer (W. T.) Mfg. Co., Falconer, N. Y.  
 Kretschmer Mfg. Co., Council Bluffs, Ia.  
 Leahy Mfg. Co., Higginsville, Mo.  
 Lewis (G. B.) Co., Watertown, Wis. "Beeaware"  
 Marshall Mfg. Co., Marshfield, Wis.  
 Root (A. L.) Co., Medina, O.  
 Standard Churn Co., Wapakoneta, O.

RED VEL WIRE CLOTH—See Cloth, Wire, Bee  
 Val  
 RED COOLERS—See Coolers, Beer, Portable  
 RED FAUCETS—See Faucets, Beer  
 RED IN CAN SERVERS—See Servers, Beer in Can  
 RED KEG BUMPERS—See Bumpers, Beer Keg  
 RED MUGS—See Mugs, Beer

# BEE SWAX

Bowdler (W. H.) Co., 71 Broad, Boston, Mass.  
 Bromund (E. A.) Co., 258 Bway., New York, N. Y.  
 Candy & Co., Inc., Maplewood Av., Chicago, Ill.  
 Columbia Wax Wks., Ozon Park, Long Island, N. Y.  
 Davis & Davis, 6 E. Camden, Baltimore, Md.  
 Drexel (Frank H.) & Sons, Crawford, Colo.  
 Ferguson (Alex.) Co., 120 Oregon Av., Phila., Pa.  
 Hopkins (J. L.) & Co., 228 Bway., New York, N. Y.  
 Huisking (Chas. L.) & Co., 255 Varick, New York, N. Y.  
 Hunt (M. H.) Son, Lansing, Mich.  
 Leonard (Theo.) Wax Co., Paterson, N. J.  
 Mack-Miller Candle Co., Syracuse, N. Y.  
 Muench-Kreuser Candle Co., Syracuse, N. Y.  
 Root (A. I.) Co., Medina, O.  
 St. Louis Candle & Wax Co., 208 So. Main, St. Louis, Mo.  
 Smith & Nichols, Inc., 119 Maiden Lane, New York, N. Y.  
 Stahl & Pitsch, 141 Front, New York, N. Y.  
 Will & Baumer Candle Co., Syracuse, N. Y.  
 BEET HOES—See Hoes, Beet  
 BEET WEEDERS—See Weeders, Beet  
 BEETLE BAITS—See Baits, Beetle  
 BEETLE TRAPS—See Traps, Beetle  
 BEETLE WARE—See Ware, Molded, Plastic  
 BEGINNERS' ICE SKATES—See Skates, Ice, Double-Runner  
 BELL RINGING TRANSFORMERS—See Trans-  
 formers, Bell Ringing

# BELL TOYS

Girard Model Wks., Inc., Girard, Pa.  
 Gong Bell Mfg. Co., East Hampton, Conn.  
 Hill (N. N.) Brass Co., East Hampton, Conn.

# BELLOWS, Blacksmiths', Etc.

Root (P. H. & F. M.) Co., Connersville, Ind. "Acme"

# BELLOWS, Hand

Bullock (T. H.) Mfg. Co., 3992 Bluestone Rd.,  
 Cleveland Heights, O. "Hurricane," "Tornado"  
 Central Rubber Products Co., Inc., 821 Bway.,  
 New York, N. Y. "Centrobull"  
 Christen (J. C.) Mfg. Co., St. Louis, Mo.  
 BELLOWS, Insect Powder—See Dusters, Insecticide

# BELLS, Bar

Hellenberg (J. B.) Co., Inc., Coldwater, Mich.  
 Medart (Fred) Mfg. Co., St. Louis, Mo.

# BELLS, Bicycle

Bevin Bros. Mfg. Co., East Hampton, Conn.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Gong Bell Mfg. Co., East Hampton, Conn. "Fire Chief  
 Trix," "Pedal Trix," "Rubberneck Racer," "Tri-  
 cycle Trix"  
 Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Cham-  
 bers, New York, N. Y. "Rollfast"  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 New Departure Mfg. Co., Bristol, Conn.  
 Starr Bros. Bell Co., East Hampton, Conn.  
 Wald Mfg. Co., Inc., Maysville, Ky.

# BELLS, Call

Bevin Bros. Mfg. Co., East Hampton, Conn.  
 East Hampton Bell Co., East Hampton, Conn.  
 Gong Bell Mfg. Co., East Hampton, Conn. "Lin-  
 coln," "Priscilla," "Silver Chime"  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 Starr Bros. Bell Co., East Hampton, Conn.

# BELLS, Church, Fire, Schoolhouse, Etc.

Bell (C. S.) Co., Hillsboro, O. "Crystal Metal,"  
 "Steel Alloy"  
 Bevin Bros. Mfg. Co., East Hampton, Conn.  
 Gong Bell Mfg. Co., East Hampton, Conn.  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 Reiter, G. C., Canton, O.

# BELLS, Cow and Sheep

Bevin Bros. Mfg. Co., East Hampton, Conn.  
 Blum Mfg. Co., Collinsville, Ill. "Holstei," "Ken-  
 tucky"  
 East Hampton Bell Co., East Hampton, Conn.  
 Gong Bell Mfg. Co., East Hampton, Conn.  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 Reiter (Geo. C.), Canton, O.  
 Sargent & Co., New Haven, Conn.  
 Starr Bros. Bell Co., East Hampton, Conn.

# BELLS, Dinner, Etc.

Bell (C. S.) Co., Hillsboro, O. "Crystal Metal,"  
 "Steel Alloy"  
 Bevin Bros. Mfg. Co., East Hampton, Conn.  
 East Hampton Bell Co., East Hampton, Conn.  
 Gong Bell Mfg. Co., East Hampton, Conn.  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 Starr Bros. Bell Co., East Hampton, Conn.

# BELLS, Door and House

Bevin Bros. Mfg. Co., East Hampton, Conn.  
 Corbin (P. & F.), New Britain, Conn.  
 East Hampton Bell Co., East Hampton, Conn.  
 Gong Bell Mfg. Co., East Hampton, Conn. "Abbe,"  
 "Yankee"  
 Hill (N. N.) Brass Co., East Hampton, Conn.

National Brass Co., Grand Rapids, Mich. "Dexter"  
 New Departure Mfg. Co., Bristol, Conn.  
 Penn Hardware Co., Reading, Pa.  
 Reading Hardware Corp., Reading, Pa.  
 Reiter, G. C., Canton, O.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 "Russwin"

Sargent & Co., New Haven, Conn.  
 Starr Bros. Bell Co., East Hampton, Conn.  
 BELLS, Dumb—See Dumb-Bells

# BELLS and BUZZERS, Electric

Ansonia Electrical Co., Ansonia, Conn. "Eureka,"  
 "Wizard"  
 Auth Electric Specialty Co., Inc., 422 E. 58d, New  
 York, N. Y.  
 Connecticut Telephone & Electric Co., Meriden, Conn.  
 Deal Electric Co., Inc., 338 Berry, Brooklyn, N. Y.  
 Edwards & Co., Inc., Norwalk, Conn. "Busacall,"  
 "Cadet," "Dixie," "Economy," "Lungen," "Melo-  
 call," "Nubel," "Rincall," "Tucall"  
 Gamewell Co., Newton, Mass.  
 Herb Electric Specialty Co., Milwaukee, Wis. "Du-  
 plex" (Combination Bell & Buzzer)  
 Holtzer-Cabot Electric Co., Roxbury, Mass. "Hub-  
 Dome"  
 Keil (Francis) & Son, 401 E. 188d, New York, N. Y.  
 "Ampro," "Reliance"  
 Marks Products Co., Inc., 84 N. 9th, B'klyn, N. Y.  
 "Snapit"  
 Reading Hardware Corp., Reading, Pa.  
 Russell Electric Co., Danbury, Conn. "Electric  
 Whistle," "Freco"  
 Schwarz Electric Co., Adrian, Mich.  
 Signal Electric Mfg. Co., Menominee, Mich. "Sig-  
 nal" (Combination Bell and Buzzer)  
 Thomas-Smith Co., Canton, O.  
 BELLS, Fire—See Bells, Church, Fire  
 BELLS, Hand—See Bells, Dinner, Etc.

# BELLS, Paper, Christmas

Paper Novelty Mfg. Co., 505 Carroll, Bklyn., N. Y.  
 Royal Lace Paper Works, 842 Lorimer, Bklyn.  
 Wilmsen, B., Phila., Pa.

BELLS, Schoolhouse—See Bells, Church, Fire,  
 Schoolhouse, etc.

# BELLS, Ship

Bell (C. S.) Co., Hillsboro, O. "Steelalloy"  
 Bevin Bros. Mfg. Co., East Hampton, Conn.  
 Laughlin (Thos.), 199 Fore, Portland, Me.  
 Reiter, G. C., Canton, O.

# BELLS, Sleigh

Bevin Bros. Mfg. Co., East Hampton, Conn.  
 East Hampton Bells Co., East Hampton, Conn.  
 Gong Bell Mfg. Co., East Hampton, Conn.  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 Starr Bros. Bell Co., East Hampton, Conn.

# BELLS, Sleigh, Toy

Gong Bell Mfg. Co., East Hampton, Conn.  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 BELLS, Tea—See Bells, Call  
 BELT AWLS—See Awls, Belt  
 BELT CUTTERS—See Cutters, Belt  
 BELT DRESSINGS—See Dressings, Belt  
 BELT FASTENERS—See Fasteners, Belt  
 BELT HOOKS—See Hooks, Belt  
 BELT LACING—See Lacing, Belt  
 BELT LACING MACHINES—See Lacing Machines,  
 Belt

BELT PUNCHES—See Punches, Belt  
 BELT RIVETS—See Rivets, Belt  
 BELT SCRAPERS—See Scrapers, Belt  
 BELT STUDS—See Studs, Belt  
 BELT WAX—See Wax, Belt; also Dressings, Belt

# BELTING, Canvas Stitched

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 Brown (Arthur S.) Mfg. Co., Tilton, N. H.  
 Chesapeake Belting Co., 884 Hartford Av., Balti-  
 more, Md.  
 Chicago Belting Co., 128 N. Green, Chicago, Ill.  
 Glimer (L. H.) Co., 1925 Wellington, Phila., Pa.  
 Grandy Belting Co., 261 Pearl, Grand Rapids, Mich.  
 Hettrick Mfg. Co., 1401 Summit, Toledo, O.  
 Hudson Belting Co., 77 Beacon, Worcester, Mass.  
 Imperial Belting Co., 1800 S. Kilbourn Av., Chi-  
 cago, Ill.  
 Manheim Mfg. & Belting Co., Manheim, Pa.  
 Victor Balata & Textile Belting Co., Easton, Pa.

# BELTING, Leather

Alexander Bros., Phila., Pa.  
 Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 "Ajax," "Alenco," "Arm & Hammer," "Arrow,"  
 "Creamery," "Dynamo," "Otter," "Supertan,"  
 "Victory"  
 Atlantic Mfg. Co., Wilmington, Del.  
 Baltimore Belting Co., Baltimore, Md.  
 Barnes (H. K.) Co., 37 Batterymarch, Boston,  
 Mass. "Gam-Oil," "Mineral," "Our Best,"  
 "Reemay"  
 Bay State Belting Co., Boston, Mass. "Water King"  
 Bickford & Francis Belting Co., Buffalo, N. Y.  
 "BC&D," "Bickford"  
 Burr Oak Belting Co., Cincinnati, O.  
 Capen Belting & Rubber Co., St. Louis, Mo. "Bono,"  
 "Melta," "Ne-Pac"



# The VLČEK TOOL CO.

3006 East 87th St., CLEVELAND, OHIO



The following items are but a part of the broad line of Vlček forged hand tools. Back of these tools are 40 years of tool craftsmanship. They represent excellent values. Their price range is wide. Make sure you have a representative stock. Ask for catalog No. A4.

## OPEN END WRENCHES



Narrow streamline jaws—hard but *tough*. Bright plated finish—buffed heads. Designed for discriminating mechanics; maximum strength with minimum bulk. Highest grade alloy steel—no better wrench made.

## BOX WRENCHES



Chrome Alloy Steel—twelve point openings. Flat slender bars, thin walls and heel clearance. Also new, low priced panel bar Box Wrench. Both packed singly or in sets in metal band containers.

## FITZ-ALL WRENCH SET



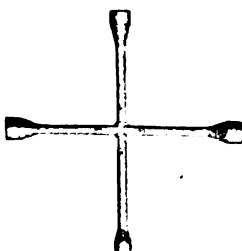
Streamlined wrenches—the best designed carbon steel wrench on the market. Hinged container attractively enameled. Vlček proven seller and profit maker.

## FOUR PIECE TAPPET WRENCH SET



Most popular tappet wrench set on the market. Contains the most necessary wrenches—sufficient to adjust tappets on practically all cars. In metal band container.

## FOUR WAY RIM WRENCHES



New type welded four-way rim wrench. Produced by a new method which gives a neat, attractive and perfect union of the two cross bars. Openings take wheel nuts on nearly all cars and light trucks. Choice of four different finishes.

## STAR "S" WRENCH SET



openings from  $\frac{3}{8}$ " to 1". Supplied in a spring clip container.

This five piece wrench set is furnished in natural black finish or cadmium plated, japanned holder. The set offers ten

## SCREW DRIVERS



SUPER ALLOY



ALLOY

Super-Alloy has blade of chrome nickel steel; handle of translucent non-porous composition, exceedingly tough and shock-proof. Alloy driver has same kind of blade; handle of hardwood, beautifully finished in rubberoid.



STANDARD



INSULGRIT

Low priced but high value drivers. Two popular priced items with a good profit margin for you.

## PUNCHES



CENTER PUNCHES



PIN PUNCHES



LONG TAPER PUNCHES



SOLID PUNCHES

A complete assortment of punches for every demand. Chrome vanadium or high carbon tool steel, forged... they stand the gaff of severe service.

## CHISELS



COLD CHISEL



CAPE CHISEL



DIAMOND POINT CHISEL



HALF ROUND NOSE

These chisels are of high carbon steel forged. Supplied in a wide range of sizes. Specially treated to insure hard, sharp edges and non-mushrooming heads.

## ALL PURPOSE PUNCH AND CHISEL SET



Consists of two sizes of chisels, two sizes of solid punches, and center punch metal band container.

## PLIERS

A general assortment, standard patterns and thin nose. Length from 5" to 10". Bright nickel, cadmium plated or natural black finishes. A plier to suit every buyer.

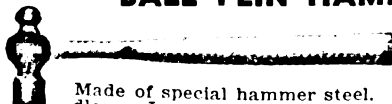


## WATER PUMP PLIERS



Forged in two grades—chrome molybdenum alloy and special analysis carbon steel.

## BALL PEIN HAMMERS



Made of special hammer steel. Select hickory handles. Japanned finish—polished face and pein. Popular priced hammer in all popular sizes.

## BATTERY PLIERS



The jaws of these pliers are set at the right angle—15°. Teeth are sharp and deep milled. Forged in two grades—chrome molybdenum alloy or special analysis steel.



**BELTING, Leather (Continued)**

Charlotte Leather Belting Co., Charlotte, N. C.  
"Kromotan Brand," "Star Brand," "Whalebone Brand"  
Chicago Belting Co., 121 N. Green, Chicago, Ill.  
"Tension Welded"  
Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill. "Vulcanite Krome"  
Coupe (Wm.) Corp., Worcester, Mass.  
Cross Bros. Co., Rochester, N. Y.  
Degen (L. P.) Belting Co., San Francisco, Cal.  
Detroit Oak Belting Co., Detroit, Mich.  
Dickey Belting Co., Lewiston, Me.  
Druid Oak Belting Co., Baltimore, Md.  
Fisher Leather Belting Co., Phila., Pa.  
Foss & Bump, Inc., Springfield, Mass.  
Grand Rapids Belting Co., Grand Rapids, Mich.  
Graton & Knight Co., Worcester, Mass.  
Groesinger's (G.) Sons, Lancaster, Pa.  
Hartford Belting Co., Hartford, Conn.  
Himmelein & Bailey, Phila., Pa.  
Hoyoke Belting Co., Hoyoke, Mass.  
Hudson Belting Co., Worcester, Mass.  
Illinois Mechanical Leather Co., Chicago, Ill.  
Ladew (Edw. R.) Co., 99 Hudson, New York, N. Y.  
McLanathan (F. W.) & Son, Lawrence, Mass.  
Mooney (W. W.) & Sons, Columbus, Ind.  
Norwich Belt Mfg. Co., Norwich, Conn.  
Nott (W. S.) Co., 201 N. 3rd, Minneapolis, Minn.  
Page Belting Co., Concord, N. H.  
Phoenix Hardware Mfg. Co., Buffalo, N. Y.  
Ranville (F.) Co., Grand Rapids, Mich.  
Rhoads (J. E.) & Sons, Phila., Pa.  
Schieren (Chas. A.) Co., 30 Ferry, New York, N. Y.  
"Duxbak"  
Southern Belting Co., Atlanta, Ga.  
Southern Belting Co. of New Orleans, New Orleans, La.  
Toledo Belting Co., Toledo, O.  
Warren Belting Co., Worcester, Mass.  
Waterbury Leather Belting Co., Waterbury, Conn.  
Webb (J. A.) Belting Co., Buffalo, N. Y.  
Webb Belting Co., Kansas City, Mo.  
Western Rawhide & Belting Co., Milwaukee, Wis.  
Williams (I. B.) & Sons, Dover, N. H.

**BELTING MEASURING MACHINES**—See Measuring Machines, Belting

**BELTING, Round or Twist**

Alexander Bros., Phila., Pa.  
American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
Barnes (Henry K.) Co., 37 Batterymarch, Boston, Mass. "Gam-Oil"  
Bay State Belting Co., Boston, Mass.  
Chicago Belting Co., 121 N. Green, Chicago, Ill.  
Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill. "Vulcanite Krome"  
Graton & Knight Co., Worcester, Mass. "Spartan"  
Hartford Belting Co., Hartford, Conn.  
Hudson Belting Co., Worcester, Mass.  
Ladew (Edw. R.) Co., 99 Hudson, New York, N. Y.  
Missouri Belting Co., St. Louis, Mo. "Ebony"  
Page Belting Co., Concord, N. H. "Crown"  
Ranville (F.) Co., Grand Rapids, Mich. "Gam-Tam"  
Rhoads (J. E.) & Sons, Phila., Pa. "Tannate"  
Schieren (Chas. A.) Co., 30 Ferry, New York, N. Y.  
Western Rawhide & Belting Co., Milwaukee, Wis.  
Williams (I. B.) & Sons, Dover, N. H. "Gilt Edge"

**BELTING, Rubber**

Acme Rubber Mfg. Co., Trenton, N. J.  
Atlantic Mfg. Co., Wilmington, Del.  
Boston Woven Hose & Rubber Co., Cambridge, Mass. "Bulldog," "Perfection"  
Buffalo Weaving & Belting Co., Buffalo, N. Y.  
Cincinnati Rubber Mfg. Co., Cincinnati, O.  
Diamond Rubber Co., Akron, O.  
Dick (R. & J.) Co., Inc., Passaic, N. J.  
Gates Rubber Co., Denver, Colo.  
Glimmer (L. H.) Co., Phila., Pa.  
Goodrich (B. F.) Co., Akron, O.  
Goodyear Tire & Rubber Co., Akron, O.  
Graton & Knight Co., Worcester, Mass.  
Hewitt Gutta Percha Rubber Corp., Buffalo, N. Y.  
Horse Rubber Co., Trenton, N. J.  
Manhattan Rubber Mfg. Div. Raybestos-Manhattan, Inc., Willette, Passaic, N. J.  
Manheim Mfg. & Belting Co., Manheim, Pa.  
Quaker Rubber Corp., 4915 Comly, Phila., Pa.  
Keyhole Rubber Co., Youngstown, O.  
Thermoid Rubber Div. of Thermoid Co., Trenton, N. J. "Thermoid"  
Thinghart (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
United States Rubber Co., 1230 6th Av., New York, N. Y.

**BELTING, Transmission**

Boston Woven Hose & Rubber Co., Cambridge, Mass. "Bulldog Gold Edge," "Perfection Gold Edge"  
Cincinnati Rubber Mfg. Co., Cincinnati, O.  
Dick (R. & J.) Co., Inc., Passaic, N. J.  
Goodrich (B. F.) Co., Akron, O.  
Goodyear Tire & Rubber Co., Akron, O.  
Hewitt Gutta Percha Rubber Corp., Buffalo, N. Y.  
Manhattan Rubber Mfg. Div. Raybestos-Manhattan, Inc., Willette, Passaic, N. J. "Condon"  
Quaker Rubber Corp., 4915 Comly, Phila., Pa.  
Keyhole Rubber Co., Youngstown, O.  
Schieren (Charles H.) Co., 30 Ferry, New York, N. Y.  
Thermoid Rubber Div. of Thermoid Co., Trenton, N. J. "Thermoid"

United States Rubber Co., 1230 6th Av., New York, N. Y.  
Victor Balata & Textile Belting Co., Easton, Pa.  
**BELTING, Twist**—See Belting, Round or Twist

**BELTING, Wire**

Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"

**BELTS, Abrasive**—See Abrasives, Coated

**BELTS, Athletic**

Goldsmith (F.) Sons, Inc., John & Findlay, Cincinnati, O.  
Leatherware Co. of America, Middletown, N. Y.  
Rawlings Mfg. Co., 23d & Lucas Av., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Standard Belt Co., Chelsea, Mass.

**BELTS, Cartridge**

Brauer Bros., Inc., St. Louis, Mo. "Moose Brand"  
Graton & Knight Co., Worcester, Mass.  
Heiser (Herman H.) Saddlery Co., Denver, Colo.  
Lawrence (George) Co., Portland, Ore.  
Leatherware Co. of America, Middletown, N. Y.  
Red Head Brand Co., Chicago, Ill.  
Rome Sporting Goods Mfg. Co., Rome, N. Y.  
Russell Mfg. Co., Middletown, Conn.  
Schoellkopf Co., Dallas, Tex.  
Shipley (Chas. P.) Saddlery & Merc. Co., Kansas City, Mo.  
Wyeth Hardware & Mfg. Co., St. Joseph, Mo.

**BELTS, Cleaner, Vacuum**

Castle Rubber Co., East Butler, Pa.  
Goodrich (B. F.) Co., Akron, O.  
Re-New Sweeper Co., 9591 Grand River Av., Detroit, Mich.  
United States Rubber Co., 1230 6th A., New York, N. Y.

**BELTS, Conveyor, Metal**

Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**BELTS, Holster**

Brauer Bros., Inc., St. Louis, Mo.  
Graton & Knight Co., Worcester, Mass.  
Hapham Bros. Co., Lincoln, Neb.  
Heiser (Herman H.) Saddlery Co., Denver, Colo.  
Rome Sporting Goods Mfg. Co., Rome, N. Y.  
Wyeth Hardware Mfg. Co., St. Joseph, Mo.

**BELTS, Money**

Baltimore Leather Goods Co., Baltimore, Md.  
Brauer Bros., Inc., St. Louis, Mo.  
Collis (H. J.) Mfg. Co., Taunton, Mass.  
Graton & Knight Co., Worcester, Mass.  
Rome Sporting Goods Mfg. Co., Rome, N. Y.  
Wilkins (E. J.) Co., Gloversville, N. Y.

**BELTS & STRAPS, Safety Linemen's**

Buhrke (R. H.) Co., 4538 Fullerton Av., Chicago, Ill.  
Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein," "Klein-Kord"  
Rope Fire Escape Co., 924 N. 13th, Phila., Pa.

**BELTS & STRAPS, Safety, Tree Trimmers**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.

**BELTS, Shell**—See Belts, Cartridge

**BELTS, Window Cleaners'**

Acker & Man, Inc., 12 W. 17th, New York, N. Y.  
Dickey (R. J.) & Sons, Inc., Columbus, Ind. "Ever-Fast"

Harrison-Weise Co., 228 N. La Salle, Chicago, Ill.  
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.

Rope Fire Escape Co., 924 N. 13th, Phila., Pa.

**BENCH ANVILS**—See Anvils, Bench

**BENCH CLAMPS**—See Clamps, Bench

**BENCH DRILLS**—See Drills, Bench

**BENCH GRINDERS**—See Grinders, Bench

**BENCH HOOKS**—See Stops, Bench

**BENCH LEGS**—See Legs, Bench

**BENCH OILERS**—See Cans, Oiling

**BENCH SANDERS**—See Sanders, Bench, Electric

**BENCH SCRAPERS**—See Scrapers, Butchers' Block; also Scrapers, Cabinet and Bench

**BENCH SCREWS**—See Screws, Bench

**BENCH SHEARS**—See Shears, Bench

**BENCH STOPS**—See Stops, Bench

**BENCH VISES**—See Vises, Bench; also Vises, Machinist

**BENCHES, Cabinet Makers'**

Auto Wheel Coaster Co., No. Tonawanda, N. Y.  
Bemis, A. L., Worcester, Mass.  
Christiansen, C., 2814 W. 26th, Chicago, Ill.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Rowe (Henry) Mfg. Co., Newaygo, Mich.  
Sheldon (E. E.) & Co., Muskegon, Mich.

**BENCHES, Clamping**

Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Markwell"

**BENCHES, Machinists'**

Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Manufacturing Equipment & Engineering Co., Framingham, Mass. "Meeco"  
New Britain Mach. Co., New Britain, Conn.  
Vanderman Mfg. Co., Willimantic, Conn.  
Western Tool & Mfg. Co., Springfield, O.

**BENCHES, Park and Lawn**

Arch-Horne Co., 25 W. B'way, New York, N. Y.  
Arterete Products Co., Upper Darby, Pa. "Arterete"  
Goshen Mfg. Co., Goshen, Ind.  
Pratt Corp., Coldwater, Mich.  
Smith (F. P.) Wire & Iron Wks., 2340 Clybourn Av., Chicago, Ill.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
Swett (A. L.) Iron Works, Medina, N. Y.  
Youngstown Welding & Engineering Co., Youngstown, O.

**BENCHES, Wash Tub, Wringers, Etc.**

Berg (John) Mfg. Co., 3801 S. Morgan, Chicago, Ill.  
Brammer Mfg. Co., Davenport, Ia.  
Celina Mfg. Co., Celina, O. "Collapeo," "Foldaway"  
Gem Mfg. Corp., Bascom, O. "Old Invincible," "Old Reliable"  
Holland Ladder & Mfg. Co., Holland, Mich. (Wash Tub)  
Howard Mfg. Co., Kent, Wash. "Crown"  
Lovell Mfg. Co., Erie, Pa. "Handy," "Hartford Folding"  
Schmid Bros., Lancaster, Pa. (Wash Tub).  
Wells (Frank B.) Co., Bristol, N. H.

**BENCHES, Work, Steel**

Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.

**BENDERS, Pipe**

American Pipe Tool Co., Chicago, Ill.  
Fulham Mfg. Co., Latrobe, Pa. "Latrobe"  
Graves (W. L.) Hatfield, Mass.  
Greenlee Tool Co., Rockford, Ill.  
Hinman (D. A.) & Co., Sandwich, Ill.  
Lidseen (Gustav), Inc., Chicago, Ill. "Chicago"  
Martin (H. P.) & Sons, Owensboro, Ky.  
Skinner (M. B.) Co., South Bend, Ind.

**BENDERS, Rail**

Aldon Co., 3338 Ravenswood Av., Chicago, Ill.  
American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Reading"  
Buda Co., Harvey, Ill.  
Cleveland Punch & Shear Wks., Cleveland, O.  
Tallman Mfg. Co., Shellyville, Ill.  
Utility Mine Equipment Co., 620 Tower Grove Av., St. Louis, Mo. "Umeco"  
Woodings-Verona Tool Wks., Verona, Pa. "Jim Crow," "Samson," "Verona."

**BENT TRIMMERS**—See Shears and Saws

**BENT WINDOW GLASS**—See Glass, Window

**BERRY HOOKS**—See Hooks, Berry

**BEVEL PROTRACTORS**—See Protractors, Bevel

**BEVEL SQUARES**—See Squares, Bevel

**BEVELS**

Brown & Sharpe Mfg. Co., Providence, R. I.  
Diaton (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Southington Hdw. Co., Southington, Conn.  
Stanley Tools Div. Stanley Works, New Britain, Conn.

Starrett (L. S.) Co., Athol, Mass.

**BEVERAGE BOTTLE CARRIERS**—See Coolers, Bottle, Beverage

**BEVERAGE BOTTLE COOLERS**—See Coolers, Bottle, Beverage

**BEVERAGE BOTTLE ICERS**—See Coolers, Bottle, Beverage

**BEVERAGE DISPENSERS**—See Dispensers, Beverage

**BIBB RESEATER**—See Tools, Reseating, Faucet

**BIBB SEAT DRESSER**—See Tools, Reseating, Faucet

**BIBB WASHERS**—See Washers, Fibre; also Washers, Rubber

**BIBBS**—See Cocks

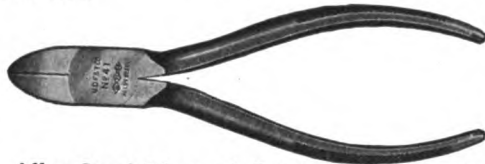
**BIBBS, Compression**

Bashlin Co., Warren, Pa.  
Burlington Brass Wks., Burlington, Wis.  
Central Brass Mfg. Co., Cleveland, O.  
Clow (Jas. B.) & Sons, Chicago, Ill.  
Cochrane (J. A.) Brass Mfg. Co., Cleveland, O.  
Dearborn Brass Co., Cedar Rapids, Ia.  
Detroit Lubricator Co., Detroit, Mich.  
Dick Bros., Reading, Pa.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Empire Brass Mfg. Co., Cleveland, O.



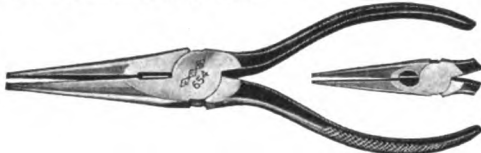
### Lineman's Heavy Side Cutting Plier No. 1950

A general favorite with linemen owing to the shape of handles and the keen, strong, cutting edges. Drop forged from *Alloy Steel* and made in 6 in., 7 in., 8 in., and 9 in. sizes.



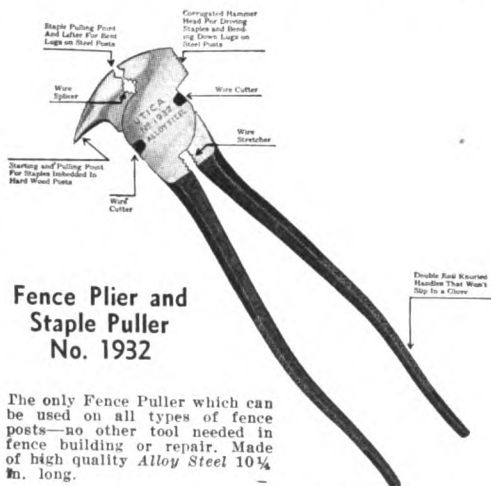
### Alloy Steel Diagonal Cutting Plier No. 41

Drop forged from *Alloy Steel* and hardened and tempered in oil. Cuts clean and lasts longer. Made in 4 in., 5 in., 5½ in., and 6 in. sizes.



### Long Needle Nose Side Cutting Plier No. 654

Forged from a special quality of *Alloy Steel*, this plier is adapted for extra fine work. Its carefully spring-tempered nose and keen, strong cutting edges make it a most desirable tool for fine work. Made in 6 in. and 7 in. sizes.



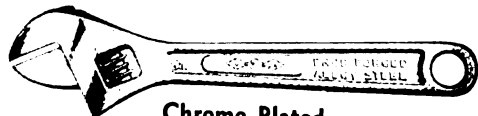
### Fence Plier and Staple Puller No. 1932

The only Fence Puller which can be used on all types of fence posts—no other tool needed in fence building or repair. Made of high quality *Alloy Steel* 10¼ in. long.



### Bull Dog End Cutting Nipper No. 60

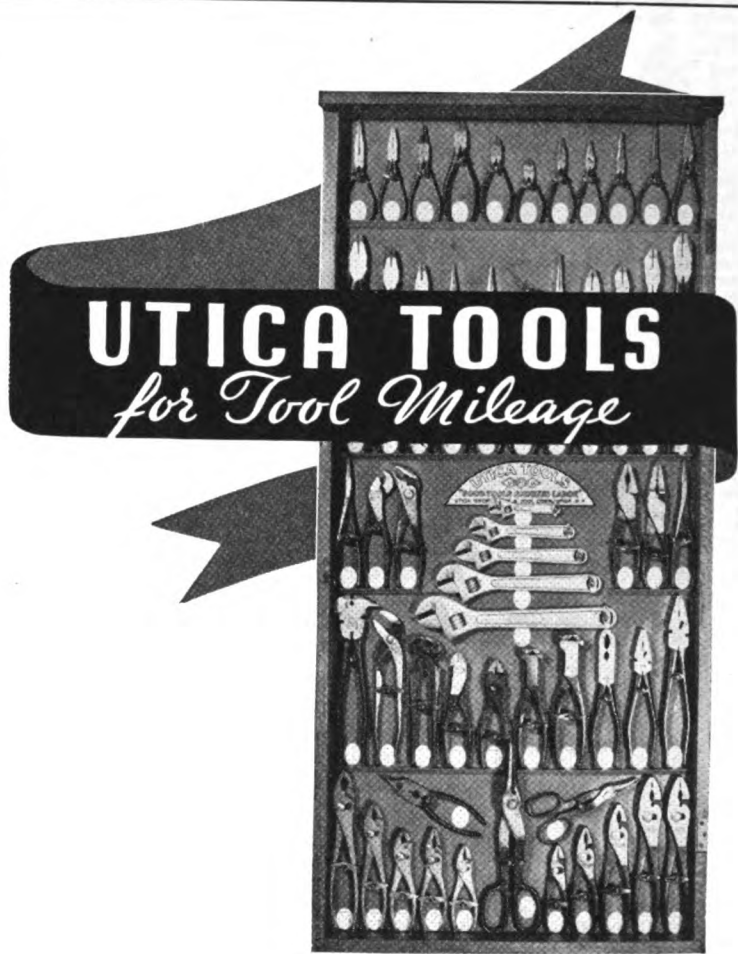
Forged from finest *Alloy Steel* and carefully tempered, this nipper is a strong, easy cutting tool. Ideal for mechanics who require a high quality end cutting nipper that will hold its edge. The handle is checkered to give an ideal gripping surface. Made in 5 in., 6 in., 7 in., and 8 in. sizes.



### Chrome-Plated

### Thin Alloy Steel Wrench No. 91

Thinner, stronger, and designed to give perfect balance, the UTICA Thin Alloy Steel Wrench is made to last indefinitely. The jaws and handle are forged from high grade *Alloy Steel* and will not break or wear in the gear teeth. The jaws are designed to get at places inaccessible to the ordinary wrench. Full, deep, throat for either square or hexagonal nuts. Fully guaranteed and made in 4 in., 6 in., 8 in., 10 in., 12 in., 15 in., 18 in., and 24 in. sizes.



**UTICA TOOLS**  
*for Tool Mileage*

## TOOL MILEAGE

"Tool Mileage" is what counts in pliers . . . the number of cuts before the cutting edge wears dull or breaks. In actual tests, UTICA *Alloy Steel* pliers have outlasted competing pliers by many thousand cuts.

UTICA pliers and wrenches are made from *Special Alloy Steel* by craftsmanlike methods and scientific heat treating. They are rigidly inspected and tested to make sure that all UTICA tools are the best in quality.

Above is illustrated the Utica Hardware Display Case showing the more rapidly moving numbers of the most complete line of pliers in the world. UTICA pliers are made for mechanics who know and want the best in tools and realize that tool mileage is the answer to the question of tool value and economy. Get on the profit side with UTICA tools.

**UTICA DROP FORGE & TOOL CORPORATION**  
2410 Whitesboro St., Utica, N. Y.

Mention Hardware Age When Writing

**BIBBS, Compression (Continued)**

Furness Brass Wks., Cleveland, O.  
Faber Brass, Inc., Marysville, O.  
Haydenville Co., Haydenville, Mass.  
Hays Mfg. Co., Erie, Pa.  
Humphreys Mfg. Co., Mansfield, O.  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
Judson Governor Co., Rochester, N. Y.  
Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.  
Krens (Oscar) Copper & Brass Wks., San Francisco, Cal.  
Landers, Frary & Clark, New Britain, Conn.  
Lunkenheimer Co., Cincinnati, O.  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Milwaukee Brass Mfg. Co., Milwaukee, Wis.  
Muelter Co., Decatur, Ill.  
Nelson (N. O.) Mfg. Co., St. Louis, Mo.  
Prier Brass Mfg. Co., Kansas City, Mo.  
Roberts Brass Mfg. Co., Detroit, Mich.  
Rundie Mfg. Co., Milwaukee, Wis.  
Savill's (Thomas) Sons, Phila., Pa.  
Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
Spokane Co., Wilmington, Del.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
Sterling Brass Co., Cleveland, O.  
Walworth Co., 60 E. 42nd, New York, N. Y.  
Weiskittel (A.) & Son Co., Baltimore, Md.

**BIBBS, Ground Key**

Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
"Dumco"  
Ester Brass Wks., Exeter, N. H.  
Furness Brass Wks., Cleveland, O.  
Faber Brass, Inc., Marysville, O.  
Haydenville Co., Haydenville, Mass.  
Hays Mfg. Co., Erie, Pa.  
Healey (Peter) Brass Fyry Co., Evansville, Ind.  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
Keystone Brass Co., Erie, Pa.  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
Kinney & Mahler Co., Peoria, Ill.  
Kison Co., Phila., Pa.  
Krens (Oscar) Copper & Brass Wks., San Francisco, Cal.  
Landers, Frary & Clark, New Britain, Conn. "Uni-veral"  
Lunkenheimer Co., Cincinnati, O.  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Muelter Co., Decatur, Ill.  
Powell (Wm.) Co., Cincinnati, O.  
Rundie Mfg. Co., Milwaukee, Wis.  
Savill's (Thos.) Sons, Phila., Pa.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
Walworth Co., 60 E. 42nd, New York, N. Y.  
BICYCLE BASKETS—See Baskets, Bicycle, Wire  
BICYCLE BUMPERS—See Bumpers, Bicycle  
BICYCLE CLOCKS—See Clocks, Bicycle  
BICYCLE COASTER BRAKES—See Brakes, Coaster, Bicycle  
BICYCLE FORE-WHEEL BRAKES—See Brakes, Fore-Wheel, Bicycle  
BICYCLE GENERATORS—See Generators, Bicycle  
BICYCLE HORNS—See Horns, Bicycle  
BICYCLE INNER TUBES—See Tubes, Bicycle, Inner  
BICYCLE LAMPS—See Lamps, Bicycle  
BICYCLE LETTERS—See Letters, Bicycle  
BICYCLE LUGGAGE CARRIERS—See Carriers, Luggage  
BICYCLE MOTORS—See Motors, Bicycle  
BICYCLE RIMS—See Rims, Bicycle  
BICYCLE SPEEDOMETERS—See Speedometers, Bicycle  
BICYCLE STANDS—See Stands, Bicycle  
BICYCLE TIRE FLUIDS—See Fluids, Tire, Bicycle  
BICYCLE TIRE VALVE TOOLS—See Tools, Bicycle Tire Valve  
BICYCLE TIRES—See Tires, Bicycle  
BICYCLE TRAILERS—See Trailers, Bicycle

**BICYCLES**

Arnold, Schwinn & Co., 1718 N. Kildare Av., Chicago, Ill. "Auto-Cycle," "Excelsior," "Henderson," "Hollywood," "Paramount," "Schwinn," "Superior," "World"  
Cleveland Welding Co., W. 117th & Berea Rd., Cleveland, O. "Roadmaster"  
Colson Corp., Elyria, O. "Colson," "Flyer," "Commander," "Vogue"  
Emblem Mfg. Co., Angola, N. Y.  
Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 464 N. 27th, Milwaukee, Wis. "Evinrude Streamflow"  
Excelsior Mfg. Co., Michigan City, Ind. "De Luxe"  
Harris (D. P.) Hdwe. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Blackbeauty," "Blue Ribbon," "Gold Medal," "Princeton," "Roamer," "Rollfast"  
Hoffman Mfg. Co., Dayton, O. "Airflyte," "Airplane," "Davis Flyer," "Dayton," "Dixie Flyer," "Fleetwood," "La France," "National," "Snell," "Tide," "Zephyr"  
Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass. "Iver Johnson"  
Mott & Smith Co., 17 S. Desplaines, Chicago, Ill. "Bike-Lok"  
Mott Firearms Co., New Haven, Conn.  
Pierce Cycle Co., Angola, N. Y. "Pierce"  
Mark Silver King, Inc., 1242 N. Homan Av., Chicago, Ill. "Monark" (Steel), "Monark Silver King" (Aluminum)

Murray-Ohio Mfg. Co., Cleveland, O. "Mercury"  
Shelby Cycle Co., 110 Mack Av., Shelby, O. "Flying Cloud," "Lightweight," "Shelby Flyer," "Speedway Special," "Traveler"  
Snyder (Homer F.) Mfg. Co., Little Falls, N. Y.  
Westfield Mfg. Co., Westfield, Mass. "Columbia," "Cleveland," "Crescent," "Pope," "Racycle," "Rambler," "Tribune," "Westfield"

**BICYCLES, Built-in-Two**

Westfield Mfg. Co., Westfield, Mass. "Compax"

**BICYCLES, Juvenile**

(See also Tricycles)

Argus Mfg. Co., Chicago, Ill. "Tom Thumb, Jr."  
Arnold, Schwinn & Co., 1718 N. Kildare Av., Chicago, Ill. "Auto-Cycle," "Excelsior," "Henderson," "World"  
Auto-Wheel Coaster Co., Inc., No. Tonawanda, N. Y.  
Colson Corp., Elyria, O. "Colson"  
Emblem Mfg. Co., Angola, N. Y.  
Excelsior Mfg. Co., Michigan City, Ind. "De Luxe"  
Gendron Wheel Co., Toledo, O. "Pioneer"  
Harris (D. P.) Hdwe. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Roll Fast"  
Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass. "Juniorcycles"  
Metal Specialties Mfg. Co., 3208 Carroll Av., Chicago, Ill. "Speed-O-Byke"  
Murray-Ohio Mfg. Co., Cleveland, O. "Steelcraft"  
Pierce Cycle Co., Angola, N. Y. "Pierce"  
Skippy Racers, Inc., Toledo, O.  
Taylor (Frank F.) Co., Norwood, Cincinnati, O.  
Westfield Mfg. Co., Westfield, Mass. "Columbia," "Westfield"

**BICYCLES, Motorized**

Cleveland Welding Co., W. 117th & Berea Rd., Cleveland, O. "Motor Master"  
Midco Mfg. & Distributing Co., Inc., Sheboygan, Wis. "Midco"  
Midget Motors Corp., Kearney, Nebr.

BICYCLES, Water—See Aquaplanes

BICYCLETS—See Bicycles, Juvenile

BIFURCATED RIVETS—See Rivets, Tubular & Clinch

BILGE PUMPS—See Pumps, Bilge

BILLIARD BALLS—See Balls, Billiard

BILLIARD CUES—See Cues, Billiard

BILLIARD and POOL TABLES, Children's—See Tables, Billiard and Pool, Children's

BILL POSTER BRUSHES—See Brushes, Bill Poster

BILL POSTER TACKS—See Tacks, Bill Poster

BILL POSTERS' HAMMERS—See Hammers, Bill Posters', Forged Steel

BINDER and MOWER REPAIR PARTS—See Mower and Binder Repair Parts

BINDER SLAT MENDEES—See Mendees, Binder Slat

BINDER TWINE—See Twine, Binder

**BINDERS, Catalog, Loose Leaf, Salesmen's**

Buchan Loose Leaf Records Co., Clifton Heights, Pa.  
Heinn Co., 326 W. Florida, Milwaukee, Wis.  
North American Press, 728 N. 7th, Milwaukee, Wis.  
BINDERS, COMPILERS & PRINTERS OF HARDWARE JOBBERS' CATALOGS—See Catalog Compilers, Printers & Binders

**BINDERS, Load**

Advance Car Mover Co., Appleton, Wis. "Standard"  
American Logging Tool Co., Ewart, Mich.  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Dixie Logging Tool Co., Chattanooga, Tenn.  
Leach Co., Oshkosh, Wis. "Oshkosh"  
Norris Bros., Robinson, Ill.  
Stacy (Eugene C.) Tiffin, O. "Jumbo"  
Warren Axe & Tool Co., Warren, Pa.

BINDING CHAINS—See Chains, Binding

**BINDING, Linoleum and Oil Cloth**

Alden Mfg. Co., Painesville, O.  
Allmetal Weatherstrip Co., 229 W. Ohio, Chicago, Ill.  
Belloch (I.) & Sons, Inc., 155 Wooster, New York, N. Y.  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Kroder Reubel Co., Inc., 108 Meeker Av., Brooklyn, N. Y.  
Mackianburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"  
Youngstown Mfg. Co., Youngstown, O. "Buckeye"

BINDING, Oil Cloth—See Binding, Linoleum and Oil Cloth

**BINOCULARS**

Bausch & Lomb Optical Co., Rochester, N. Y.  
Conestoga Corp., Bethlehem, Pa.  
Swift & Anderson, Inc., 111 Summer, Boston, Mass.  
Trojan, Inc., 2210 Wabansia Av., Chicago, Ill.  
Williams, Brown & Earle, Phila., Pa.

**BINS, Nail**

Aurora Equipment Co., Aurora, Ill. "Equipto"

Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
Frick-Gallagher Mfg. Co., Wellston, O. "Rotabin" (Revolving)  
General Fireproofing Co., Youngstown, O.  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Lyons Metal Products, Inc., 186 Madison Av., Aurora, Ill.  
Manufacturing Equipment & Engineering Co., Framingham, Mass.  
Stark (James E.) Co., 25 Plum, Memphis, Tenn.  
Universal Equipment Co., 8601 Arthington, Chicago, Ill.  
Warren (J. D.) Mfg. Co., Montpelier, O.  
Wellston Mfg. Co., Wellston, O. "Revolvo"

**BINS, Steel**

Aurora Equipment Co., Aurora, Ill. "Equipto"  
Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
Canton Art Metal Co., Canton, O.  
Cleveland Wire Spring Co., Cleveland, O.  
Frick-Gallagher Mfg. Co., Wellston, O. "Rotabin" (Revolving)  
General Fireproofing Co., Youngstown, O.  
Hall (Gordon L.) Co., Old Lyme, Conn. "Bin-rack"  
Harry (O. K.) Steel Co., 2887 Papin, St. Louis, Mo. "Masterbilt"  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Interlock Metal Units, Inc., 50 Cliff, New York, N. Y.  
Lawson (F. H.) Co., Cincinnati, O. "Add-A-Bin"  
Lyon Metal Products, Inc., 186 Madison Av., Aurora, Ill.  
Narragansett Machine Co., Providence, R. I.  
Noggle Products Co., 5005 Jackson Rd., Ann Arbor, Mich. "Spin-A-Bin," "Uni-Bin"  
Stackbin Corp., Providence, R. I.  
Universal Fixture Corp., 183 W. 23d, New York, N. Y.  
Wellston Mfg. Co., Wellston, O. "Revolvo"

**BINS, Vegetable**

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Cincinnati Galvanizing Co., Cincinnati, O.  
Collins, W. H., 27 Greene, New York, N. Y.  
Eagle Sheet Metal Mfg. Co., Chicago, Ill. "Vega-Carry-All"  
Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
National Box & Can Co., 4131 Bway. Av., Cleveland, O.  
Peoria Metal Specialty Co., Peoria, Ill.  
Union Steel Products Co., Albion, Mich.  
Washburn Company, Worcester, Mass.  
BIRD BATHS—See Baths, Bird  
BIRD CAGE HOOKS—See Hooks, Bird Cage  
BIRD CAGE SPRINGS—See Springs, Bird Cage  
BIRD CAGE STANDS—See Stands, Cage  
BIRD CAGES—See Cages, Bird  
BIRD CALLS—See Calls, Bird  
BIRD DECOYS—See Decoys, Bird  
BIRD GRAVEL—See Gravel, Bird  
BIRD HOUSES—See Houses, Bird  
BIRD REMEDIES—See Remedies, Bird  
BIRD SEED—See Seed, Bird  
BIRD SEED CUPS—See Cups, Bird Seed  
BIRD TRAPS—See Traps, Sparrow  
BIRDS, Clay—See Pigeons, Clay

**BIRDS, Garden, Decorative**

Erickson (C. E.) Co., Inc., Des Moines, Ia. "Mrs. Ritchie's"  
Lake Shore Metal Studios, 469 E. Ohio, Chicago, Ill.

BISCUIT BAKERS—See Bakers, Cookie

BISCUIT CUTTERS—See Cutters, Biscuit

BISCUIT PANS—See Pans, Biscuit

BISCUITS, Dog—See Food, Dog

BIT BRACE EXTENSIONS—See Extensions, Bit Brace

BIT BRACE REAMERS—See Reamers, Bit Brace

BIT BRACE WRENCHES—See Wrenches, Bit Brace

BIT BRACES—See Braces, Bit

BIT GAGES—See Gages, Bit

BIT SETS—See Sets, Bit

BIT and SQUARE LEVELS—See Levels, Bit Square

BIT STOCK DRILL SETS—See Sets, Drill

BIT STOCK DRILLS—See Drills, Bit Stock

BIT STOCKS—See Braces, Bit

**BITS, Auger**

Connecticut Valley Mfg. Co., Centerbrook, Conn. "Wright's Jennings"  
Crescent Tool Co., Jamestown, N. Y. "Red Devil"  
Drew (C.) & Co., Kingston, Mass.  
Forest City Bit & Tool Co., Rockford, Ill.  
Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Bluwinn"  
"Clinton," "D24," "Ferrox," "Irwin," "Master Mechanic"  
Jennings (Russell) Mfg. Co., Chester, Conn.  
Millers Falls Co., Greenfield, Mass.  
Preston, A. C., Tracy, Conn.  
Progressive Mfg. Co., Torrington, Conn. "Forstner"



# Aladdin

## SANI-SEALD

### THERMAL Jars

Trade Marks  
of  
Quality

### VACUUM Bottles

#### The Widely Known Fast Selling Line

ALADDIN Sani-Seald Vacuum Bottles have many outstanding features that make them profitable sales leaders. Now made with new modern 1 piece, non-refillable construction, so easy to clean. Heat resisting glass and Sani-Seald leak-proof and elastic neck joint make them *sanitary* and *durable*. With Aluminum Cup Caps, in colors of red, green and blue, Qt. size retail \$1.75—Pt. \$1.00. With Ivory Plastic Cup Caps, Qt. \$2.00—Pt. \$1.25. Ebony black *only*.

Hy-Lo Hot or Cold Vacuum Bottles, vibrationless insures long life. Fitted with quick-acting, rustless Aluminum Caps and Collars. Both sizes in Arcadian Green Enamel. Retail Qt. \$1.49—Pt. 89 cents.

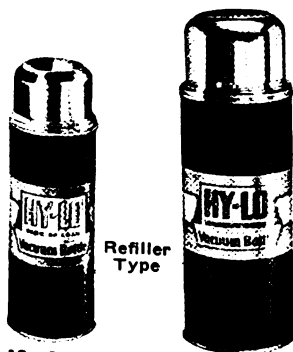
ALADDIN Lunch Kit, beautifully streamlined; has new-type bottle cradle; a combined push-button clasp and hasp for lock. Ventilated, with name card slot, Arcadian Green Enamel. Fitted with HY-LO vacuum bottle. Retail \$1.39. Fitted with Aladdin vacuum bottle, Retail \$1.60.

ALADDIN Liquid Dispenser Jar (Black Wrinkle Finish) provides *hot* or *cold* drink instantly by simply pressing compression bulb on dispenser. Jar No. 602D 6 qt. cap. retails \$7.95 complete.

ALADDIN Sani-Seald Thermal Jars (note 2 styles shown) 417X gal. size Green finish, No. 438 Gal. size in 4 colors, No. 638 6 qt. in 4 colors, No. 602, 6 qt. finished in Green Wrinkle only. Your jobber will supply you. Send for Literature on Complete Line and Trade-prices.



No. 10—Pint (Left) Either Size in Red, Green or Blue  
No. 30—Qt. (Right) Green or Blue  
Above with Plastic Cup—Pint, No. 15; Quart, No. 35—In Black only.



No. 12—Pint Size  
No. 32—Quart Size  
In Arcadian Green finish only



Streamlined Lunch Kit No. 099 and No. 098



No. 438—(Illustrated) Thermal Jar  
No. 417X—(Not Illustrated) Thermal Jar



Aladdin Dispenser Jar No. 602D



Aladdin Thermal Jar No. 602



No. 638—Thermal Jar

**ALADDIN INDUSTRIES, INC., 223 W. Jackson Blvd., CHICAGO, ILL.**

Mention Hardware Age When Writing

Digitized by Google

**BITS, Auger (Continued)**

Pugh (Job T.) Inc., 3101 Ludlow, Phila., Pa. "Black  
Twist"  
Sandvik Saw & Tool Co., 47 Warren, New York.  
N. Y. "Johansson" (Swedish)  
Snell Mfg. Co., Fiskdale, Mass. "Bates"  
Stanley Tools Div. Stanley Works, New Britain,  
Conn. "Defiance"  
Star Bit & Tool Co., Rockford, Ill.  
Swan (Jas.) Co., Seymour, Conn.

**BITS, Bridle**

American Hame & Bit Co., 59 N. J. R. R. Av.,  
Newark, N. J.  
American Mfg. Co., Chattanooga, Tenn.  
Bery (Jesse) Co., Pleasant Hill, O.  
Crockett Bit & Spur Co., Lenexa, Kan.  
Fernald Mfg. Co., North East, Pa. "Success-  
Triumph"  
Imperial Bit & Snap Co., Racine, Wis.  
Midland Co., S. Milwaukee, Wis.  
Moline Iron Wks., Moline, Ill.  
North & Judd Mfg. Co., New Britain, Conn. "An-  
chor Brand"  
Scharlow Iron Products Co., Racine, Wis. "Sipco"  
Stalder Mfg. Co., 71 Murray, New York, N. Y.  
Tisco Mfg. Co., Inc., Buffalo, N. Y.

**BITS, Car**

Connecticut Valley Mfg. Co., Centerbrook, Conn.  
Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Bluwinn"  
"Irwin"  
Jennings (Russell) Mfg. Co., Chester, Conn.  
Millers Falls Co., Greenfield, Mass.  
Pugh (Job T.) Inc., 3101 Ludlow, Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.  
Star Bit & Tool Co., Rockford, Ill.  
Swan (Jas.) Co., Seymour, Conn.

**BITS, Center**

Greenlee Tool Co., Rockford, Ill.  
Pugh (Job T.) Inc., 3101 Ludlow, Phila., Pa.  
Star Bit & Tool Co., Rockford, Ill.  
Storts (Jno.) & Son, 210 Vine, Phila., Pa.

**BITS, Chisel and Router, Hollow**

Forest City Bit & Tool Co., Rockford, Ill.  
Greenlee Tool Co., Rockford, Ill.  
Stanley Electric Tool Div., New Britain, Conn.  
Pugh (Job T.) Inc., 3101 Ludlow, Phila., Pa.  
Star Bit & Tool Co., Rockford, Ill.

**BITS, Countersink**

Damascus Steel Products Corp., Rockford, Ill.  
"Dasco"  
Deuse, E. W., Chester, Conn.  
Greenlee Tool Co., Rockford, Ill.  
Pugh (Job T.) Inc., 3101 Ludlow, Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.  
Stanley Tools Div. Stanley Works, New Britain,  
Conn.  
Star Bit & Tool Co., Rockford, Ill.  
Starrett (L. S.) Co., Athol, Mass.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av.,  
Chicago, Ill. "V. & B."

**BITS, Electricians—See Drills and Bits, Electricians'**

**BITS, Expansive**

Connecticut Valley Mfg. Co., Centerbrook, Conn.  
"Clark's," "Convalco," "Wright's Patent"  
Greenlee Tool Co., Rockford, Ill. "Setfast"  
Irwin Auger Bit Co., Wilmington, O. "Bluwinn"  
"Clinton," "Irwin"  
Jennings (Russell) Mfg. Co., Chester, Conn.  
Millers Falls Co., Greenfield, Mass.  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Clark's," "Pexto"  
Preston, A. C., Tracy, Conn.  
Pugh (Job T.) Inc., 3101 Ludlow, Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass. "Snell-Clark"  
Stanley Tools Div. Stanley Works, New Britain,  
Conn. "Defiance"

**BITS, Extension—See Extensions, Bit Brace**

**BITS, Gimlet**

Deuse, E. W., Chester, Conn.  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
Millers Falls Co., Greenfield, Mass.  
Snell Mfg. Co., Fiskdale, Mass.  
Storts (John) & Son, 210 Vine, Phila., Pa.  
Swan (Jas.) Co., Seymour, Conn.

**BITS, Harness—See Bits, Bridle**

**BITS, Machine, Wood**

Cleveland Twist Drill Co., Cleveland, O.  
Connecticut Valley Mfg. Co., Centerbrook, Conn.  
Forest City Bit & Tool Co., Rockford, Ill.  
Greenfield Tap & Die Corp., Greenfield, Mass.  
"G. T. D."  
Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Bluwinn"  
"Irwin"  
Jennings (Russell) Mfg. Co., Chester, Conn.  
Lee Process Twist Drill & Mach. Co., New Bedford, Mass.  
Progressive Mfg. Co., Torrington, Conn. "Forstner"

Pugh (Job T.) Inc., 3101 Ludlow, Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.  
Standard Tool Co., Cleveland, O.  
Star Bit & Tool Co., Rockford, Ill.  
Swan (Jas.) Co., Seymour, Conn.  
Union Twist Drill Co., Athol, Mass. "Morse,"  
"Prentice"  
Whitman & Barnes, Inc., Detroit, Mich.

**BITS, Mining Machine**

Leetonia Tool Co., Leetonia, O.  
Salem Tool Co., Salem, O.  
Warwood Tool Co., Wheeling, W. Va.

**BITS and SHANKS, Saw**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Corley Mfg. Co., Chattanooga, Tenn.  
Ohlen-Bishop Co., Columbus, O.  
Simonds Saw & Steel Co., Fitchburg, Mass.  
Southern Saw Wks., Atlanta, Ga.

**BITS, Screw Driver**

American Swiss File & Tool Co., 410 Trumbull,  
Elizabeth, N. J. "American Swiss"  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
"Non-Skid"  
Buck Bros., Millbury, Mass.  
Carver Tool Wks., Spring Valley, N. Y.  
Connecticut Valley Mfg. Co., Centerbrook, Conn.  
Damascus Steel Products Corp., Rockford, Ill.  
"Dasco"  
Deuse, E. W., Chester, Conn.  
Forsberg Mfg. Co., Sea View Av., Bridgeport,  
Conn. "Phillips"  
Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Irwin"  
Johnson (William) Inc., 36 Brenner, Newark, N. J.  
Millers Falls Co., Greenfield, Mass. "Phillips"  
National Tool Co., 90 Walker, New York, N. Y.  
North Bros. Mfg. Co., N. E. Cor. American and  
Lehigh Av., Phila., Pa. "Phillips," "Yankee"  
Olson Mfg. Co., Worcester, Mass.  
Paine, Benjamin O., Millbury, Mass.  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"  
Plomb Tool Co., Los Angeles, Cal.  
Ryan (James J.) Tool Wks., Southington, Conn.  
Snell Mfg. Co., Fiskdale, Mass.  
Stanley Tools Div. Stanley Works, New Britain,  
Conn. "Phillips"  
Starrett (L. S.) Co., Athol, Mass.  
Swan (Jas.) Co., Seymour, Conn.  
Syracuse Twist Drill Co., Syracuse, N. Y.  
Thomson Drop Forge Co., Plantsville, Conn.  
Tuck Mfg. Co., Brockton, Mass.  
United States Tool Corp., Louisiana, Mo.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av.,  
Chicago, Ill. "V. & B."

**BITS, Tapping**

Greenlee Tool Co., Rockford, Ill.  
Pugh (Job T.) Inc., 3101 Ludlow, Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.  
Swan (Jas.) Co., Seymour, Conn.

**BITS, Tool Holder**

Alvord-Polk Tool Co., Millersburg, Pa.  
Armstrong Bros. Tool Co., 300 N. Francisco Ave.,  
Chicago, Ill. "Armide" (Also high speed)  
Carpenter Steel Co., Reading, Pa. "Gold Star,"  
"Star," "Zenith"  
Diston (Henry) & Sons (Tacony), Phila., Pa.  
Helle Brothers Co., 865 Mt. Prospect Av., Newark,  
N. J.  
Simonds Saw & Steel Co., Fitchburg, Mass. "Co-  
balt," "Red Streak"  
Vincent Steel Process Co., Detroit, Mich.  
Williams (J. H.) & Co., 225 Lafayette, New York,  
N. Y. "Agrippa"

**BITS, Wood—See Bits, Auger**

**BIZZI BODDI MIRRORS—See Mirrors, Window,**

**Look Out**

**BLACK, LAMP—See Lamp Black**

**BLACK SHEETS—See Sheets, Black**

**BLACK WIRE CLOTH—See Cloth, Wire, Alumi-**

**num, Black, Brass, Bronze, Copper, Galvanized,**

**Etc.**

**BLACKBOARD CRAYONS—See Crayons**

**BLACKBOARDS, Children's**

American Mfg. Concern, Falconer, N. Y.  
Anchor Toy Corp., Coudersport, Pa.  
Baker (W. J.) Co., Newport, Ky.  
Cass (N. D.) Co., Athol, Mass.  
Cress (H. G.) Co., Troy, O. "Ezy-Out"  
Fox Toy Co., Berea, O.  
Mason & Parker Mfg. Co., Winchendon, Mass.  
National School Slate Co., Slaton, Pa.  
Richmond School Furniture Co., Muncie, Ind.  
"Litho-Plate"  
Transogram Co., Inc., 200 5th Av., New York, N. Y.

**BLACKBOARDS, Swinging**

Richards-Wilcox Mfg. Co., Aurora, Ill.

**BLACKINGS and POLISHES, Shoe**

American Polish Co., Chicago, Ill. "Eagle Brand"  
Asco Chemical Co., 641 Lexington Av., Bklyn., N. Y.  
"Asco"

Baldwin Laboratories, Inc., Saegertown, Pa. "Dwin"  
Barton Mfg. Co., St. Louis, Mo. "Dyanashine"  
Brown (B. F.) & Co., Inc., 24 Binford, Boston,  
Mass. "Browns," "Checker," "Simplicity"  
Callaway, W., Elmer, 51 Wilkinson Av., Jersey  
City, N. J.

Cummings (G. R.) Jr., & Co., Milwaukee, Wis.  
Everett & Barron Co., 359 Eddy, Providence, R. I.  
"Cinderella"  
Griffin Mfg. Co., Inc., 410 Willoughby Av., Bklyn.,  
N. Y.

Hauthaway (C. L.) & Sons, Lynn, Mass.  
Hecker Products Corp., 88 Lexington Av., New  
York, N. Y. "Jet Oil," "Royal," "Shuwhite,"  
"Two-In-One"

It Shoe Polish Co., 111 N. Greene, Baltimore, Md.  
"E-Z Shine," "It"

Liberty Shoe Polish Co., Worcester, Mass.  
Martin & Martin, Chicago, Ill. "E-Z"

Nu-Shine Co., Reidsville, N. C.  
Pee-Chie Cleaner Mfg. Co., 871 E. 140th, Cleve-  
land, O.

Prescott (J. L.) Co., Passaic, N. J.  
So-Lo Works, Cincinnati, O. "So-Lo's"

St. Louis Rubber Cement Co., Inc., St. Louis, Mo.  
"Red X"

Stafford (S. S.) Inc., 609 Washington, New York,  
N. Y. "Wyt-S-Sno"

Thompson (Ferd.) & Co., Rockland, Mass.  
Whittemore Bros. Corp., Cambridge, Mass. "Albo,"  
"Big Four," "Bostonian," "Chic," "Dandy,"  
"Elite," "French Gloss," "Gilt Edge," "Midget,"  
"New Era," "Quick White," "Star," "Superb"

Wilbert Products Co., Inc., 805 E. 139th, New  
York, N. Y. "No-Rub"

**BLACKINGS, Stove—See Polishes, Stove**

**BLACKSMITHS' ANVILS—See Anvils, Blacksmiths'**

**BLACKSMITHS' BELLOWS—See Bellows, Black-**

**smiths'**

**BLACKSMITHS' BUTTERISES—See Butterises,**

**Blacksmiths'**

**BLACKSMITHS' CHISELS—See Chisels, Black-**

**smiths'**

**BLACKSMITHS' DRILLS—See Drills, Blacksmiths'**

**BLACKSMITHS' FLATTERS—See Flatters, Black-**

**smiths'**

**BLACKSMITHS' HAMMERS—See Hammers, Black-**

**smiths' Forged Steel**

**BLACKSMITHS' NIPPERS—See Nippers, Black-**

**smiths'**

**BLACKSMITHS' PUNCHES—See Punches, Black-**

**smiths'**

**BLACKSMITHS' RULES—See Rules, Blacksmiths'**

**BLACKSMITHS' SUPPLIES—See article desired**

**BLACKSMITHS' TONGS—See Tongs, Blacksmiths'**

**BLACKSMITHS' TOOLS—See article desired**

**BLACKSMITHS' VISES—See Vises, Blacksmiths'**

**BLADDERS, Basket Ball—See Bladders, Foot Ball,**

**Etc.**

**BLADDERS, Foot Ball, Etc.**

Anderson Rubber Co., Akron, O. "Anderson's"  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincin-  
nati, O. (Stem & Para-Valve)  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Reach (A. J.) Wright & Ditson, Inc., Chicopee,  
Mass.

Seamless Rubber Co., New Haven, Conn. "Kantleek"  
Spalding (A. G.) & Bros., Chicopee, Mass.

**BLADDERS, Punching Bag—See Bladders, Foot**

**Ball, Etc.**

**BLADE HANDLES, Pattern Makers—See Handles,**

**Blade, Pattern Makers'**

**BLADE HANDLES, Shirt Cutters—See Handles,**

**Blade, Pattern Makers' and Shirt Cutters'**

**BLADE HANDLES, Shoe Cutters—See Handles,**

**Blade, Shoe Cutters'**

**BLADE SHARPENING MACHINES, Safety Razor**

**—See Sharpeners, Razor Blade, Machine**

**BLADE STROPPERS—See Stroppers, Blade**

**BLADES, Butchers' Saw**

(See also Saws, Butchers')

Atkins (E. C.) & Co., Indianapolis, Ind.  
Disston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Millers Falls Co., Greenfield, Mass.  
Ohlen-Bishop Co., Columbus, O.  
Simonds Saw & Steel Co., Fitchburg, Mass. (In  
Coils)

**BLADES, Circular**

Hyde Mfg. Co., Southbridge, Mass. "Hyd-Spd,"  
"I. P. Hyde"

**BLADES, Coping—See Saws, Coping**

**BLADES, Ditch Bank**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Council Tool Co., Waukegan, N. C. "Council"  
Disston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Kelley Axe & Tool Wks., of The American Fork &  
Hoe Co., 1623 Euclid Av., Cleveland, O. "Flint  
Edge," "Perfect"

**BLADES, Fellow Webs—See Saws, Jig**

**BLADES, Hack Saw—See Saws, Hack**

**BLADES, Jewelers' Saw—See Saws, Jewelers'**

**BLADES, Jig Saw—See Saws, Jig**

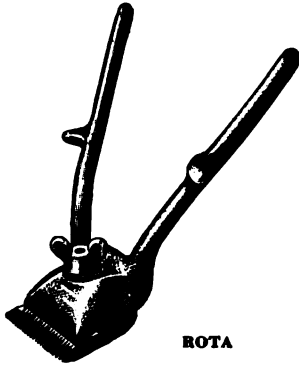
# "PRIEST'S"

Reg. U.S. Pat. Off.  
ESTABLISHED IN 1865

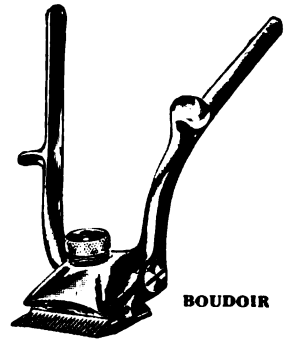
## Toilet and Horse Clippers

The Priest's line is so well known and liked that there is always a steady demand for these popular clippers. Priest's Toilet Clippers include a complete range of the best selling models for both household and professional use.

Jobbers and dealers can handle the Priest's line with profit and satisfaction. Every pair of Toilet and Horse Clippers is fully guaranteed against defects in material and workmanship.

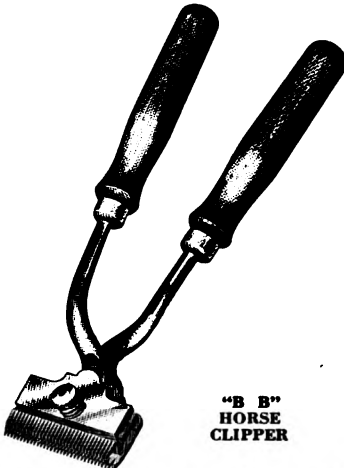


ROTA



BOUDOIR

Made to take the place in the beauty shop of our Standard Professional Clipper in the barber shop. An ideal clipper for the feminine professional user. The Roller Bearings prevent digging and scratching of the plate. Adjustable side-spring action. Chromium finish on plates, handles and all exposed parts. Sizes: 2/o, 3/o and 4/o.



"B B"  
HORSE  
CLIPPER

The best in hand horse clippers. Equipped with two fixed Roller Bearings, which unlike ball bearings, do not jam and stick with the accumulation of dirt and hair and are economical in space. Grooved bottom plate. Cap, nut and shanks highly finished and nickel plated. Width of plate 3". Length overall 11 1/4". Wgt. boxed 1 1/4 lb.

Also other models of Hand Horse Clippers and Dog Clippers.

**Color as Sales Attraction  
Priest's Cabinet Displays**

The cabinet shown below comes in two styles, the K-1 and K-2. The K-1 has four Comfort in four pastel shades. The K-2 offers four colors in a mottled blend with ivory. Pearl lustre can be added if the customer wishes a special feature for his trade. Both cabinets are very economically priced to induce the dealer to use the Cabinet as a display feature. Re-fills can be supplied at regular prices. Color in the goods, in the Cabinets, and in the individual boxes, brings attention to your clipper line, as a whole. The customer has the idea of an article for household economy immediately suggested to him. Clippers are otherwise inconspicuous and hard to feature—make them stand out.

K-1 Cabinet: Dimensions 11 1/4" x 7 7/8" x 1 3/4"  
Height of card above goods 5"  
Weight—1 lb. 13 oz.

K-2 Cabinet: Dimensions 11 1/4" x 7 7/8" x 2 3/4"  
Height of card above goods 5 1/2"  
Weight—2 lbs.

### PRIEST'S Horse and Cattle Clipper No. 1

A portable machine with a real flexible shaft, not a mere chain. Ideal for heavy, continuous work. Overall height 8 ft. 8 in. Furnished with 1/4 h.p. motor for any current specified. Machine may be had complete with Standard No. 15 Cutting Head, also with extra cutting head. Net wgt. 70 lb. Shipping wgt. 109 lb. List price: \$45.00 complete with extra cutting head.

### PRIEST'S Speediclip Animal Clipper

For dairy work and trimming work with horses. Not adapted for sheep. Operates on any 110-125 volt current A.C. or D.C. List \$18.00 complete with 25 ft. of socket cord and 10 ft. of ground cord with clamps.



Cabinet  
K-2

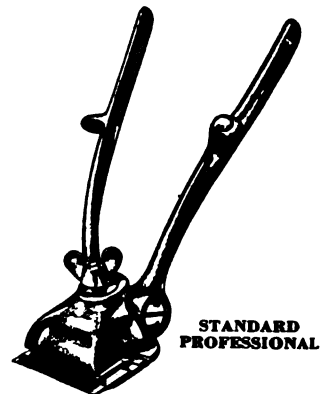
American Shearer Mfg. Co.

Nashua, N. H.

NEW YORK

CHICAGO

A popular size trimming clipper for masculine or feminine use. Narrow plates, adjustable side-spring action, malleable iron handles. Proved reliable over many years for household use. Sizes: 2/o, 3/o and 4/o. Nickel finish, plain bearing action. Also in Chromium finish, ball bearing action.



STANDARD  
PROFESSIONAL

Large size side spring type correct in all details for the master barber. Handles, plates and all exposed parts Chromium plated. Sizes: 1, 1/o, 2/o, 3/o and 4/o. Also in Chromium plated, ball bearing action.



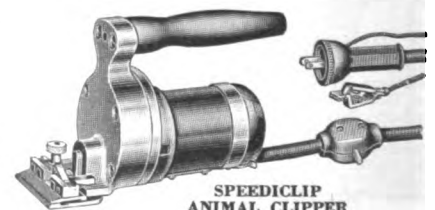
COMFORT

Standard size neck trimmer. Combination nickel plates and Dupont lacquer finish in Ivory and special color harmonies. Pearl luster added if desired. Sizes: 2/o and 3/o. See also Display Cabinet K. Send for Price List and Condensed Catalog No. 379, showing these and other models.



HORSE and  
CATTLE  
CLIPPER

No. 1,  
Portable



SPEEDICLIP  
ANIMAL CLIPPER

Mention Hardware Age When Writing



**BLADES, Pattern Makers and Shirt Cut-**

Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"

**BLADES, Pulpwood—See Saws, Pulpwood**

**BLADES, Safety Razor**

American Safety Razor Corp., 898 Jay, Bklyn., N. Y. "Ever-Ready," "Gem," "Star"  
Arnold Co., Reading, Pa.  
Big Four Razor Co., 402 W. 14th, New York, N. Y. "Big 4"

Bh-Strike Safety Razor Co., Inc., 88 W. 21st, New York, N. Y.  
Cattaragus Cutlery Co., Little Valley, N. Y.  
Christensen (H. M.) Co., Brockton, Mass.  
Christy Sales Co., Fremont, O. "Christy"  
Claus Shear Co., Fremont, O.  
Conrad Razor Blade Co., 36th and 47th Av., Long Island City, N. Y.  
Consolidated Razor Blade Co., Inc., 26 Cornelson Av., Jersey City, N. J. "Berkeley," "Drury Lane," "Sportsman"

Continental Razor Blade Corp., 66 Court, B'klyn., N. Y. "Continental"  
Cooper & Cooper, Inc., 35 York, Bklyn., N. Y. "Argony," "Bantam," "Bishop," "Cardinal," "Coaster," "Cooper," "Dixon," "Earl," "Pards," "Ultima"

Crescent Mfg. Co., Fremont, O.  
Durham Duplex Razor Co., Mystic, Conn. "Durham-Duplex," "Enders Speed"  
Edgewood Razor Blade Corp., 189 Fifth Av., New York, N. Y. "Royal Crown"

Federal Razor Blade Co., 1150 B'way, New York, N. Y. "M-S," "Shelby," "Shelby-Keen," "Simplex," "Superior," "Town Talk," "Wm. Penn," "Wright," "Zest"

Fuller Blade Co., 6 W 32nd, New York, N. Y. "Blue Diamond," "Eastman," "Fuller," "Kleen-shave"

Gem Safety Razor Corp., 62 Lawrence, Bklyn., N. Y.  
General Blade Co., 7 W. 22d, New York, N. Y. "Dubleken," "Thin-Flex"

Gillette Safety Razor Co., Boston, Mass. "Blue Blades," "Probak," "Probak Jr.," "Valet-Auto-strop"

International Safety Razor Corp., Locust Av., Bloomfield, N. J. "Blue-Razor," "Corona," "Fax," "Pycant," "Liberty," "Nuruk," "Sha-Ve-Zee," "Speeder," "Speedox," "Speedway"

Magazine Repeating Razor Co., 230 Park Av., New York, N. Y. "Schick," "Schick Injector"

Marlin Firearms Co., New Haven, Conn.  
Pal Blade Co., 595 Madison Av., New York, N. Y.  
Personna Blade Co., 599 Madison Av., New York, N. Y. "Personna"

Rolls Razor, Inc., 342 Madison Av., New York, N. Y. "Rolls"

Sepal Safety Razor Corp., 261 B'way, New York, N. Y.  
Sheffield Mfg. Corp., 536 S. 10th, Newark, N. J. "Howard," "Jupiter," "Lucky Boy," "Sheffield," "S. O. S.," "Toledo," "Wilkut"

Standard Safety Razor Co., 41 E. 57th, New York, N. Y.  
Torrey (J. R.) Razor Co., Worcester, Mass.  
Treet Safety Razor Co., 2-14 Clinton, Newark, N. J. "Treet"

Wick (Edward) & Co., Inc., 135 Johnson, B'klyn., N. Y. "Sextoblade," "Wick"

X-Ray Blade Corp., 32 Green, Newark, N. J.

**BLADES, Scroll—See Saws, Scroll**

**BLADES, Shirt Cutters—See Blades, Pattern Makers and Shirt Cutters**

**BLADES, Shoe Cutters**

Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde," "Theo. Harrington"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter"

**BLADES, Windshield Wiper**

Der-Hide, Inc., East Brady, Pa.  
**BLADES, Wood, Saw—See Saws, Buck**

**BLANK KEYS—See Keys, Blank**

**BLANK TAGS—See Tags, Marking and Blank**

**BANDAGE PINS—See Pins, Bandage**

**BLANKET PINS—See Pins, Blanket**

**BLANKETS, Heating, Electric**

(See also Pads, Heating, Electric)  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"

Samson-United Corp., Rochester, N. Y.  
Ray Mfg. Co., Oshkosh, Wis.  
Ray Electric Mfg. Co., 10 Washington Place, New York, N. Y.  
Wright Products Mfg. Co., Minneapolis, Minn. "Rite-Hete"

**BLANKETS, Horse and Cattle**

Monadnock Blanket Mills, Marlboro, N. H.  
Moore Bros. Corp. of Albany, 83 Green, Albany, N. Y.  
Oregon City Mfg. Co., Oregon City, Ore.  
Philadelphia Blanket Co., Philadelphia, Pa.  
Rockfall Woolen Co., Middletown, Conn.  
Semple Mfg. Co., Louisville, Ky.  
Standard Products Mfg. Co., Milwaukee, Wis.  
Troy Blanket Mills, Troy, N. H.  
Valley Woolen Mills, Marlboro, N. H.  
Waterbury (H.) & Sons Co., Oriskany, N. Y.

**BLANKETS, Saddle, Horse**

Burlington Mills, Inc., Burlington, Wis.  
Perforated Pad Co., Woonsocket, R. I.

**BLANKS, Chisel**

Bethlehem Steel Co., Bethlehem, Pa.  
Cleveland Punch & Shear Wks., Cleveland, O.

**BLASTING BATTERIES—See Batteries, Blasting**

**BLASTING CAPS—See Caps, Blasting**

**BLASTING FUSES—See Fuses, Blasting**

**BLASTING GELATIN—See Gelatin, Blasting**

**BLASTING MACHINES, Electric**

Atlas Powder Co., Wilmington, Del. "Giant"  
Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
Fidelity Electric Co., Lancaster, Pa.  
Hercules Powder Co., Inc., Wilmington, Del.

**BLASTING MATS—See Mats, Blasting**

**BLASTING POWDER—See Powder, Blasting**

**BLASTING SUPPLIES—See article desired**

**BLIND ADJUSTERS—See Adjusters, Blind**

**BLIND HINGES—See Hinges, Blind**

**BLINDS, Awning, Metal**

Ryerson & Haynes, Inc., Jackson, Mich. "Brun Metal-Lite"  
Sunvent Metal Awning Co., 3712 Bronx Blvd., New York, N. Y. "Sunvent"

**BLINDS, Venetian**

Aluminum Venetian Blind Co., 400 N. Michigan Av., Chicago, Ill.  
Athey Co., 6035 W. 65th, Chicago, Ill.  
Bettcher Mfg. Co., 3106 W. 61st, Cleveland, O.  
Bostwick-Goode Co., Norwalk, O. "Victoria"  
Burlington Venetian Blind Co., Burlington, Vt.  
Carey-McFall Co., 2156 E. Dauphin, Phila., Pa. "Lido"  
Clark & Hammer, Inc., 83 Academy, Belleville, N. J. "Belvalier"  
Columbia Mills, Inc., 225 Fifth Av., New York, N. Y.  
Consolidated Venetian Blind Co., Houston, Tex.  
Durlach Can & Iron Works, Inc., 168 7th, Bklyn., N. Y. (Metal)  
German Mfg. Co., Jefferson & Rust Aves., Saginaw, Mich.  
Hettick (W. E.) & Son, Inc., 1301 Prouty Av., Toledo, O. "Het-Son"  
Higgin Mfg. Co., Newport, Ky.  
Home Specialties Co., Inc., Newton Centre, Mass. "Aristocrat"  
Hough Shade Corp., Janesville, Wis. "Ra-Tox"  
Mackin Venetian Blind Co., Kankakee, Ill.  
Mitchell Venetian Blind Co., 1501 Circle Av., Forest Park, Ill.  
National Venetian Blind Co., Rockford, Ill. (Metal)  
Rolscreen Co., Pella, La. (Metal & Wood)  
United Metal Box Co., Inc., 168 7th, Bklyn., N. Y. (Metal)  
Wilson (J. G.) Corp., 1841 B'way, New York, N. Y.  
Yardley Screen & Weather Strip Co., Columbia, O.

**BLINDS, Venetian, Automobile**

Auto-Venette Co., 3137 Ross Av., Dallas, Tex. "Venetianette"

**BLOCK MACHINES, Concrete**

Besser Mfg. Co., Alpena, Mich.  
Dunn (W. E.) Mfg. Co., Holland, Mich.  
Foote (J. B.) Foundry Co., Fredericktown, O.  
Hydraulic Press Mfg. Co., Mount Gilead, O.  
Miles Mfg. Co., Jackson, Mich.  
Moore Plow & Implement Co., Greenville, Mich.  
Multiplex Concrete Machy. Co., Elmore, O.  
Northwestern Steel & Iron Wks., Eau Claire, Wis.  
R. & L. Concrete Machy. Co., Kendallville, Ind.  
Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.  
Republic Iron Wks., Tecumseh, Wis.  
Rowell, D. G., Appleton, Wis. "Samson"  
Stewart Mfg. Co., Waterloo, Ia.  
Zagelmeyer Cast Stone Block Machy. Co., Bay City, Mich.

**BLOCK AND STENCIL KNIVES—See Knives, Stencil and Block**

**BLOCK FLASHING—See Flashing, Blocks and Forms**

**BLOCK RE-LEVELING MACHINES—See Machines, Block, Re-Leveling, Portable, Electric**

**BLOCK TIN—See Tin, Block**

**BLOCK TIN PIPE—See Pipe, Block Tin**

**BLOCKS—See also Pulleys**

**BLOCKS, Alphabet**

American Mfg. Concern, Falconer, N. Y.  
Embossing Co., Albany, N. Y.  
Halsam Products Co., 4114 Ravenswood Av., Chicago, Ill.  
Root (A. I.) Co., Medina, O.  
Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.

**BLOCKS, Building, Stone, Toy**

Gilbert (A. C.) Co., New Haven, Conn.

**BLOCKS, Building, Wood, Toy**

American Mfg. Concern, Falconer, N. Y.  
American Novelty Wks., Herndon, Pa.  
Ark Toy Makers, Toledo, O.  
Belding Mfg. Co., Belding, Mich. "Lok-Blok"  
Bradley (Milton) Co., Springfield, Mass.  
Carrom Co., Ludington, Mich.  
Cass (N. D.) Co., Athol, Mass.  
Design Blox Co., 4208 Holly, Kansas City, Mo.  
Dobson (H. Hudson) Co., 200 Fifth Av., New York, N. Y.  
Halsam Products Co., Chicago, Ill. "Roll-O-Blocks"  
Holgate Bros. Co., Kane, Pa.  
Lewis (G. B.) Co., Watertown, Wis. "Busy Blox"  
Root (A. I.) Co., Medina, O. "Tee-Gee"  
Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.  
Strombeck-Becker Mfg. Co., Moline, Ill. "Buildo-blox," "Diamoblox," "Hexoblox"  
Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"  
Wright (J. L.), Inc., Chicago, Ill.

**BLOCKS or HOISTS, Chain**

(See also Hoists, Chain and Ropes)  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
Chisholm-Moore Hoist Corp., Tonawanda, N. Y. "Al-Lite," "Cyclone"  
Columbus-McKinnon Chain Co., Tonawanda, N. Y. "Hercules"  
Curtis Pneumatic Machinery Co., St. Louis, Mo.  
Ford Chain Block, Div. American Chain & Cable Co., Inc., 2109 N. 2nd, Phila., Pa. "Ford"  
Harrington Co., 17th & Callowhill, Phila., Pa. "Peerless"  
Hobbs (Clinton E.) Co., Everett, Mass.  
Reading Chain & Block Corp., Reading, Pa.  
Round (D.) & Son, B'way & Henry, Cleveland, O. "Little Wizard," "Superior," "Weston"  
Speidel, J. G., Reading, Pa. "Simplex"  
Union Mfg. Co., New Britain, Conn. "Union"  
Woodhouse Chain Co., Trenton, N. J.  
Wright Mfg., Div. American Chain & Cable Co., Inc., York, Pa. "Wright"  
Yale & Towne Mfg. Co., 4530 Tacony, Phila., Pa.

**BLOCKS, Chain, Differential**

Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
Chisholm-Moore Hoist Corp., Tonawanda, N. Y. "Blue Boy"  
Ford Chain Block Div. American Chain & Cable Co., Inc., 2109 N. 2nd, Phila., Pa. "Ford"  
Harrington Co., 17th & Callowhill, Phila., Pa.  
Reading Chain & Block Co., Reading, Pa.  
Round (David) & Son, B'way & Henry, Cleveland, O. "Weston"  
Union Mfg. Co., New Britain, Conn. "Union"  
Wright Mfg., Div. American Chain & Cable Co., Inc., York, Pa. "Wright"

**BLOCKS, Dolly**

Stanley Tools Div. Stanley Works, New Britain, Conn. "Stanley-Atha"

**BLOCKS, Nested, Toy**

Bradley (Milton) Co., Springfield, Mass.  
Gabriel (Sam.) Sons & Co., 200 Fifth Av., New York, N. Y.  
Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.

**BLOCKS, Spelling—See Blocks, Alphabet**

**BLOCKS, Tackle, Snatch, Etc.**

American Logging Tool Co., Evart, Mich.  
Boston & Lockport Block Co., Boston, Mass. "Star Brand"  
Chance Co., Centralia, Mo.  
Dobbie Foundry & Machine Co., Niagara Falls, N. Y. "Dobbie"  
Federal Metal Block Co., 448 E. Pearl, Cincinnati, O. "Eureka"  
Fulton Iron Wks., Detroit, Mich. "Sure-Grip"  
Hall Mfg. Co., Cedar Rapids, Ia.  
Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y. "Lane's"  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
McMillan's (W. H.) Sons, 49 South, New York, N. Y.  
Madesco Tackle Block Co., Easton, Pa.  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
Merriman Bros., Boston, Mass.  
Michigan Engine Valve Co., 437 W. Columbia, Detroit, Mich. "Sure-Grip"  
Neptune Hardware Mfg. Co., 70 Duane, New York, N. Y.  
Ney Mfg. Co., Canton, O. "Monarch"  
Patterson (W. W.) Co., Pittsburgh, Pa.  
Pittsburgh Block & Mfg. Co., Pittsburgh, Pa. "Big Giant," "Ferguson," "Little Giant"  
Roebling's (John A.) Sons Co., Trenton, N. J.  
Starline, Inc., Harvard, Ill.  
Upson-Walton Co., 1230 W. 11th, Cleveland, O.  
Western Block Co., Lockport, N. Y. "Anvil"  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**BLOW TORCHES—See Torches, Blow****BLOWERS, Electric, Portable**

Breuer Electric Mfg. Co., 839 Blackhawk, Chicago, Ill. "Tornado"  
 Clements Mfg. Co., 6652 S. Narragansett Av., Chicago, Ill. "Clements-Cadillac"  
 Ideal Commutator Dresser Co., Sycamore, Ill.  
 Skilsaw, Inc., 3310 Elston Av., Chicago, Ill. "Skilsaw"  
 Speedway Mfg. Co., 1834 S. 52nd, Cicero, Ill. "Speedway"

**BLOWERS, Fuel Combustion**

Russell Electric Co., 378 W. Huron, Chicago, Ill. "Hold-Heat"

**BLOWERS, Hand**

Buffalo Forge Co., Buffalo, N. Y.  
 Canedy-Otto Mfg. Co., Chicago Heights, Ill. "Royal"  
 Champion Blower & Forge Co., Lancaster, Pa. "400"  
 "Lancaster," "Midway"  
 Roots (P. H. & F. M.) Co., Connersville, Ind. "Acme"  
 Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis.

**BLOWING AND SUCTION EQUIPMENT—See Equipment, Blowing and Suction, Electric, Portable**

**BLUEING, Gun**

Browning Arms Co., 1132 Spruce, St. Louis, Mo.  
 Fur Frame Bait Co., Fremont, O.  
 Griffin & Howe, Inc., 202 E. 44th, New York, N. Y.  
 New Method Mfg. Co., Bradford, Pa.

**BOARD RULES—See Rules, Board and Log**

**BOARDS, Bread, Pastry, Etc.**

Berg (John) Mfg. Co., 5319 S. La Salle, Chicago, Ill.  
 Burns Mfg. Co., Syracuse, N. Y. (Knife Comb.)  
 Chicago Curtain Stretcher Co., 3725 S. May, Chicago, Ill.  
 Clark (J. R.) Co., Minneapolis, Minn.  
 Empire Co., North Girard, Pa.  
 Erie City Mfg. Co., Erie, Pa.  
 Gem Mfg. Corp., Bascom, O.  
 Howard Mfg. Co., Kent, Wash.  
 Imperial Mfg. Co., Cambridge, O. "American," "Ideal"  
 Robinhood Wood Products, Inc., 1259 E. 33rd, Los Angeles, Cal. "Robinhood Ware"  
 Snyder (W. J.) Co., Cleveland, O.  
 Stoware, Inc., Stowe, Vt.  
 Thompson (O. E.) & Sons, Ypsilanti, Mich.  
 Tucker-Dorsey Mfg. Corp., Indianapolis, Ind.  
 White Wood Products Co., Bogalusa, La.

**BOARDS, Checker, Backgammon, Cribbage & Chess**

(See also Games, Checker and Backgammon)

Bradley (Milton) Co., Springfield, Mass.  
 Carrum Co., Ludington, Mich.  
 Embossing Co., Albany, N. Y.  
 Horn (W. C.) Bro. & Co., 200 Fifth Av., New York, N. Y.  
 Parker Bros., Salem, Mass.  
 Patterberg Novelty Corp., 47 W. 34th, New York, N. Y.  
 Popper, Arthur, 113 Fourth Av., New York, N. Y.  
 Selchow & Righter, 200 Fifth Avenue, New York, N. Y.  
 Transogram Co., Inc., 200 Fifth Av., New York, N. Y.

**BOARDS, Counting—See Boards, Spelling, Counting, Reading, Etc.**

**BOARDS, Educational—See Boards, Spelling, Counting, Reading, Etc.**

**BOARDS, GAME—See Games; Also Article Desired**

**BOARDS, Glass Cutting**

Barrett (Wm. L.) Co., Bristol, Conn.  
 Fletcher, Terry Co., Forestville, Conn.  
 Lufkin Rule Co., Saginaw, Mich. "Perfection"  
 Marvel Rack Mfg. Co., Inc., 324 N. First, Minneapolis, Minn. "Marvel"  
 Shaw, A. L., Corinne, Utah.  
 Warner Mfg. Co., Minneapolis, Minn. "Master"

**BOARDS, Ironing**

(See also Tables, Ironing)

Bauer Mfg. Co., Wooster, O. "E-Z Hour," "Hi-Lo"  
 Berg (John) Mfg. Co., Chicago, Ill.  
 Bicknell (J. F.) Lumber Co., Worcester, Mass.  
 Blackstone Furniture Co., Inc., North Tonawanda, N. Y.  
 Carr, Ryder & Adams Co., Dubuque, Ia.  
 Cass (N. D.) Co., Athol, Mass.  
 Chicago Curtain Stretcher Co., 3725 S. May, Chicago, Ill. "Star," "Sun"  
 Clark (J. R.) Co., Minneapolis, Minn.  
 Davenport Ladder Co., Davenport, Ia. "Heminway"  
 Dillingham Mfg. Co., Sheboygan, Wis.  
 Forsyth (Wm.) & Sons Co., Lynn, Mass.  
 Howard Mfg. Co., Kent, Wash. "Automatic Safety," "Stanwell"

Huttig Sash & Door Co., St. Louis, Mo. (Inadoor)  
 Keller (H. V.) Mfg. Co., 501 Huron S. E., Minneapolis, Minn. "Keller"  
 Klever Products Co., 92 Orange, Bklyn., N. Y.  
 Luke Basket Co., Berrien Springs, Mich. "Domestic," "New Idea"  
 Menominee Box & Lumber Co., Menominee, Mich.  
 Miami Cabinet Div., Philip Carey Co., Middletown, O. "Miami-Carey" (Wall Cabinet)  
 National Washboard Co., Chicago, Ill.  
 N. Y. Standard Mfg. Co., Inc., N. 8th & Kent Av., Bklyn., N. Y. "Standard Automatic"  
 Paris Mfg. Co., South Paris, Me.  
 Peoria Ironing Board & Specialty Co., Ft. of East State, Peoria, Ill. "American Beauty," "De Luxe Sturdy-Maid," "Faultless," "Special Laundry Queen"  
 Richmond Cedar Wks., Richmond, Va. "Majestic"  
 Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O. "Auto-Krat," "Buckeye," "Durex," "E-Z," "Mon-Ark," "Premier"  
 Ritzenthaler, John, 73 Franklin, New York, N. Y. "Fold-A-Way," "Rits"  
 Standard Mfg. Co., Cambridge City, Ind.  
 Treble Mfg. Co., Lockport, N. Y. "Kompak"  
 Tyrone Ironing Board Co., Tyrone, Pa. "McKinney"  
 Udell Wks., Indianapolis, Ind.  
 Wells (Frank B.) Co., Bristol, N. H.  
 White Wood Products Co., Bogalusa, La. (Folding)  
 Worley & Co., Pico, Cal. (Steel)  
 Young Bros. Co., Worcester, Mass.

**BOARDS, Ironing, Toy**

Anchor Toy Corp., Coudersport, Pa.  
 Arcade Mfg. Co., Freeport, Ill.  
 Whitney Bros. Co., Marlboro, N. H.

**BOARDS, Mill, Asbestos**

Asbestos Limited, Inc., 8 W. 40th, New York, N. Y.  
 Carey (Philip) Co. (Lockland), Cincinnati, O.  
 Dorn (R. J.) Co., Inc., 5300 Tchoupitoulas, New Orleans, La.  
 Johns-Mansville Corp., 22 E. 40th, New York, N. Y.  
 Lotz Insulation Co., Hartford, Conn.  
 Norristown Asbestos Mfg. Co., 28 Lewis Wharf, Boston, Mass.  
 Sall Mountain Co., 176 W. Adams, Chicago, Ill. "Sal-Mo"  
 Standard Asbestos Mfg. & Insulating Co., 10 N. Oliver, Kansas City, Mo.  
 Victor Mfg. & Gasket Co., 5750 Roosevelt Rd., Chicago, Ill.

**BOARDS, Pastry—See Boards, Bread, Pastry, Etc.**

**BOARDS, Plaster—See Boards, Wall**

**BOARDS, Reading—See Boards, Spelling, Counting, Reading, Etc.**

**BOARDS, Skirt—See Boards, Ironing, Skirt**

**BOARDS, Spelling, Counting, Reading, Etc.**

Cress (H. G.) Co., Troy, O.  
 Selchow & Righter Co., 200 5th Av., New York, N. Y.

**BOARDS, Stove**

(See also Mats, Stove)

American Stove Board Co., Chicago Heights, Ill.  
 Jackes-Evans Mfg. Co., St. Louis, Mo.  
 Keasby & Mattison Co., Ambler, Pa.  
 Parkersburg Iron & Steel Co., Parkersburg, W. Va.  
 Reeves Steel & Mfg. Co., Dover, O.  
 Service Industries, Inc., 2025 S. Calumet Av., Chicago, Ill. "Metalite"  
 Wabash Screen Door Co., 310 S. Michigan Blvd., Chicago, Ill.

**BOARDS, Wall**

Armstrong Cork Co., Lancaster, Pa., Bldg. Material Div.  
 Barrett Co., 40 Rector, New York N. Y.  
 Beaver Products Co., Buffalo, N. Y.  
 Bird & Son, Inc., East Walpole, Mass. "American," "Art-Craft," "Neponset," "Poster"  
 Bishopric Mfg. Co., Cincinnati, O.  
 Roekeler Lumber Co., St. Louis, Mo.  
 Carey (Philip) Co. (Lockland), Cincinnati, O.  
 Celotex Corp., 919 N. Michigan Av., Chicago, Ill.  
 Certain-Teed Products Corp., 100 E. 42nd, New York, N. Y. "Beaver Board," "Bestwall"  
 Compo-Board Co., Minneapolis, Minn.  
 Emerson Carey Fibre Products Co., Hutchinson, Kan. "Atlas"  
 Fleming & Sons, Inc., Dallas, Tex.  
 Homasote Co., Trenton, N. J. "Steelasote," "Vehisote"  
 Keasby-Mattison Co., Ambler, Pa. "Linabestos"  
 Leslie (John) Paper Co., Minneapolis, Minn.  
 Masonite Corp., 111 W. Washington, Chicago, Ill.  
 National Gypsum Co., Inc., 192 Delaware Av., Buffalo, N. Y.  
 Plasterson Wall Board Co., Buffalo, N. Y.  
 Roberts Mfg. Co., Marion, Ind.  
 Rockford Paper Box Board Co., Rockford, Ill.  
 Rubens Paint & Glass Co., Richmond, Va.  
 Salling, N. P., Anderson, Ind.  
 Sall Mountain Co., 176 W. Adams, Chicago, Ill. "Sal-Mo"  
 Samson Plaster Board Co., Crosby Bldg., Buffalo, N. Y.  
 Schumacher Wall Board Co., Los Angeles, Cal.  
 Standard Asbestos Mfg. Co., Chicago, Ill.  
 Tomkins (Calvin) Co., 50 Church, New York, N. Y. "Kelley"  
 U. S. Gypsum Co., 302 W. Adams, Chicago, Ill. "Sheetrock"  
 Uponor Co., Lockport, N. Y.

**BOARDS, Wash**

Austell Cabinet Co., Austell, Ga.  
 Boye Needle Co., Chicago, Ill. (Rubber)  
 Burdett Mfg. Co., Kansas City, Mo.  
 Carolina Washboard Co., Raleigh, N. C. "Two in One"  
 Cass (N. D.) Co., Athol, Mass.  
 Columbus Washboard Co., Columbus, O. "Bear Easy," "Bilt-Rite," "Crystal Cascade," "Easy Silver," "Gold," "Maid-Rite," "Rub-Lite," "Scanty Handi," "White Flash"  
 Gem Mfg. Corp., Bascom, O. "Big Scout," "Durable Brass," "Laundry Pride," "Little Scout," "Premium Globe," "Soap Saver," "U. S. Glass"  
 Howard Mfg. Co., Kent, Wash. "Crown," "Forest Queen," "Holfast," "Silver Queen"  
 Lawn, John A., Lewistown, Pa. "Easy-Task"  
 Marietta Mfg. Co., Indianapolis, Ind.  
 National Washboard Co., 310 S. Michigan Av., Chicago, Ill. "Banner Globe," "Brass King," "Clean Washer," "Dawn Protector," "Dew Drop Globe," "Glass King," "High Grade," "Kloz Kleaner," "Northern Queen," "Peerless," "Red Cross," "Red Star," "Reliable Metal," "Top Notch," "Town Talk," "Universal," "Victory," "Vim," "White Hen"  
 Oval Oak Mfg. Co., Silver City, N. C. "Oval Oak"  
 Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O. "Auto-Krat," "Brass Leader," "Buckeye," "E-Z," "Silver Leader"  
 White Wood Products Co., Bogalusa, La. "American Pride," "Brass Lion," "Dixie Brass," "Endura," "Excelo," "Flyer Brass," "Flyer Silver," "Golden Beam," "Justrite," "Lingerie," "Little Pal," "Royal Pride," "Silver Beam," "Silver Pride," "Sunshine"

**BOARDS, Wash, Toy**

Wolverine Supply & Mfg. Co., Pittsburg, Pa. "Sandy Andy"

**BOAT ANCHORS—See Anchors, Boat**

**BOAT CUSHIONS—See Cushions, Boat**

**BOAT HARDWARE—See Marine Hardware**

**BOAT HOOK HANDLES—See Handles, Boat Hook, Ice Hook, Etc.**

**BOAT HOOKS—See Hooks, Boat**

**BOAT MODEL WOOD—See Wood, Boat Model**

**BOAT MODELS—See Models, Ship and Train**

**BOAT MOTORS—See Motors, Boat**

**BOAT NAILS—See Nails, Boat**

**BOAT SPIKES—See Spikes, Boat**

**BOATS—See also Canoes**

**BOATS,**

Fellowcrafters, Inc., 62 Stanhope, Boston, Mass.  
 Kalamazoo Canvas Boat Co., Kalamazoo, Mich.  
 Kennebec Boat & Canoe Co., Waterville, Me.  
 Marine Craft & Mfg. Co. of America, 725 W. 13th, Chicago, Ill. "Water Master"  
 Old Town Canoe Co., Old Town, Me.  
 Star Metal Boat Co., Goshen, Ind.

**BOATS, Folding**

Acme Mfg. Co., Miamisburg, O. "Acme"  
 Clark Folding Boat Co., 459 Clementina, San Francisco, Cal.  
 Folbot Corp., 42-09 Hunter, Long Island City, N. Y.

**BOATS, Hunting**

Barbour Metal Boat Wks., Valley Park, Mo.  
 Darrow Steel Boat Co., Albion, Mich.  
 Kidney (Daniel) & Son, West De Pere, Wis. "Green Bay"  
 New York Rubber Corp., Beacon, N. Y.  
 Thompson Bros. Boat Mfg. Co., Peshtigo, Wis.

**BOATS, Toy**

Cass (N. D.) Co., Athol, Mass.  
 Costenoga Corp., Bethlehem, Pa. "Big-Bang"  
 Dobson (H. Hudson) Co., 200 Fifth Av., New York, N. Y. "Dobby"  
 Weedon Mfg. Co., New Bedford, Mass.

**BOATS, Toy, Mechanical**

American Toyboats Corp., Evansville, Ind.  
 Boucher Playthings Mfg. Co., 36 E. 12th, New York, N. Y.  
 Emmert-Hammes & Co., Warren, Mich.  
 Gilbert (A.C.) Co., New Haven, Conn.  
 Straits Mfg. Co., 2480 Bellevue, Detroit, Mich. "Sea Hawk" (Electric)

**BOBS, Plumb**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Beriman Tool Mfg. Co., Buffalo, N. Y.  
 Brown & Sharpe Mfg. Co., Providence, R. I. "Mercury"  
 Dikeman Mfg. Co., Norwalk, Conn. "Cant-Roll"  
 Ennis Mfg. Co., Reading, Pa.  
 Fleming (J. P.), Inc., Worcester, Mass. "Flemco"  
 Gaffney (Jas. A.) Co., 157 Chambers, New York, N. Y. "Acme"  
 Glodblatt Tool Co., 1572 Walnut, Kansas City, Mo. "Trowel Brand"  
 Keuffel & Esser Co., 300 Adams, Hoboken, N. J. "K & E"  
 Leister's (Paul) Sons Mfg. Co., Inc., St. Charles, Mo.  
 Lufkin Rule Co., Saginaw, Mich. (For Oil Gaging Tapes)  
 Millers Falls Co., Greenfield, Mass. "O. K."



# SCREEN WIRE CLOTH *versus*

# CORTLAND

BRAND



## ALL IN "ONE FAMILY"

CORTLAND BRAND Screen Wire Cloth is recognized throughout the trade as the last word in screen wire cloth.

It is a complete line in every respect.

Made in the four types

illustrated at the right,

this famous line fills every sales need.

Whether that need is for quality, price, or a wide range of mesh sizes, finishes or widths, you need not go outside the famous "CORTLAND BRAND" family.

Stock up to meet any screen wire requirement. Specify Cortland Brand on your next order.

Write for FREE Counter Display and other attractive Screen Cloth Selling Helps

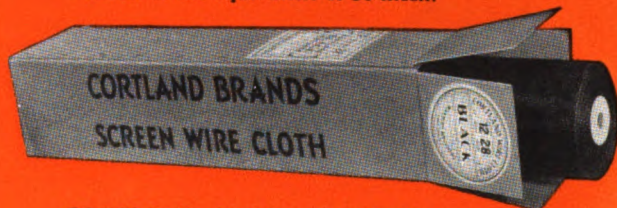
**WICKWIRE BROTHERS, INC.**  
CORTLAND · NEW YORK · U. S. A.

**CORTLAND-WICKWIRE**... A complete line of screen wire cloth, from wire to finished merchandise—manufactured under one control, in one group of mills—serving the hardware trade uninterruptedly for more than 65 years.

**ALL CORTLAND-WICKWIRE SCREEN WIRE CLOTH**... made in even inches from 18" to 42" inclusive; also 48" double four wire selvage as standard. Also made in extra-wide widths. Cortland Gray-wick, Cortland Black and Cortland Ultra-Premier are made from Open Hearth, Copper-Bearing Steel Wire; Cortland Bronze from a special alloy of 90% Copper and 10% Zinc.



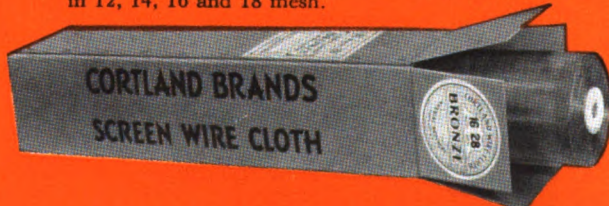
**CORTLAND ULTRA-PREMIER**... A galvanized screen wire especially suited to hard usage. Made of extra heavy wire (about  $\frac{1}{3}$  heavier than standard cloth). Ultra-Premier will "stand up" under an unusual amount of strain and stress to which doors, windows, etc. are usually subjected. Its superior weight and strength actually strengthens the entire supporting structure. Because of greater wire diameter the decimal size openings of Ultra-Premier is the equivalent of 16 mesh.



**CORTLAND BLACK ENAMELED**... A low-priced screen cloth with a tough, elastic black-enameled finish. An exceptional value at the price. Extra wide widths, 54", 60" and 72". 12 Mesh only.



**CORTLAND GRAY-WICK (Dull Galvanized Finish)**... A very popular, all-purpose screen wire. Electro Zinc Coated and enameled with a Pigmented Varnish—thus doubly protected against corrosion. Extra wide widths, 54" and 60". Made in 12, 14, 16 and 18 mesh.



**CORTLAND BRONZE**... Absolutely rustless under all weather conditions—unaffected by salt air, acids or gases, of far greater strength and durability than steel cloth or even copper cloth. Sells for a bit more than screen wire cloths made from steel wire, but well worth the difference. Also furnished in Antique finish to avoid the glare of bright bronze.

ALSO CORTLAND COPPER



**WB**

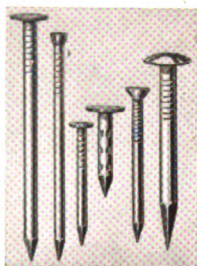
# OTHER WICKWIRE BROTHERS Products

## MISCELLANEOUS WIRE NAILS AND BRADS

5—1 lb. packages per carton; 12— $\frac{1}{4}$  lb. packages per carton; 12— $\frac{3}{8}$  lb. packages per carton. Brad cartons are yellow and black, Nail cartons green and black, plainly marked to show style and size of nails or brads.

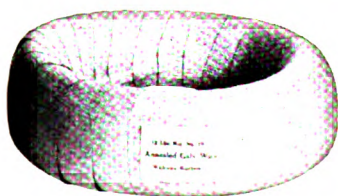


## NAILS



All styles, sizes and finishes—bright, cement coated, galvanized or coppered—smooth or barbed. Special for nail machines—diamond, needle and duck-bill points. Send for Complete Nail Catalog.

## STONE WIRE



A common utility wire suitable for general tying purposes on the farm or around the home. Put up in 8-inch inside diameter coils of 12 lbs. each—paper wrapped and packed. Either bright, annealed or galvanized.

## GRAY-DIAMOND WELDED

A new patented fabric having strong electrically welded joints. Especially tough, corrosion resistant, rolls out flat—easy to handle, no sagging. Exceptionally heavy galvanized coating. Compared with twisted nettings GRAY-DIAMOND is STRONGER—compared with those of equal strength, Gray-Diamond WEIGHS LESS. 1" and 2" mesh; 16 or 18 gauge wire; 150 linear feet per bale; 2, 3 and 4 ft. widths.



**STANDARD GALVANIZED HARDWARE CLOTH**... (Identified by the Cortland Label.) Withstands long, hard wear. Presents a pleasing finish. Made from Open Hearth Copper-Bearing Steel which RESISTS RUST. Heavily galvanized by our special method. Furnished in seven different standard mesh sizes—in even inch widths 12" to 48", in 100 ft. rolls. Black metal straps hold the roll firmly. Easy to handle. Easy to display.

## HEAVY WIRE CLOTH

In addition to Standard Grades, we furnish Special mesh and wire gauge combination for various purposes in both galvanized and plain steel.

## HEXAGON POULTRY NETTING

(Identified by the Cortland Turkey Label.) Preferred because of strength and resistance to rust. Made with an extra long continuous twist and heavily galvanized, giving attractive, bright finish. Widths, 12" to 72" in bales 150 ft. long. Special meshes and extra heavy wire also furnished.

## STRAIGHT-LINE NETTING

A strong, evenly woven netting, WITH LOCK TWIST WEAVE, which rolls out very flat and straight—does not bulge nor sag. Made from copper-bearing Open Hearth Steel, heavily galvanized with zinc, giving exceptionally bright finish which results in an extremely attractive and serviceable netting.

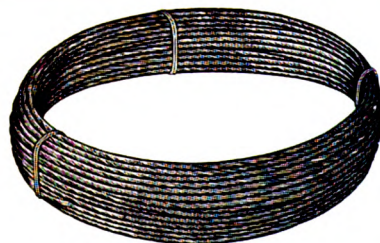
## HEN-CHICK POULTRY NETTING

(A graduated netting combination of four different meshes.) This all-purpose poultry fence is made to confine poultry of all sizes. Made in one grade. Width 5 and 6 ft. Length of bale, 150 ft.



## CLOTHES LINE WIRE

Furnished in Hollow Cable, Twisted, or Solid Wire. Made from hard-drawn, basic steel wire which is thoroughly galvanized with high-grade zinc. 75 or 100-foot lengths packed one dozen coils to the carton; 50-foot lengths packed two dozen to the carton.



**WICKWIRE BROTHERS, INC. • CORTLAND, N. Y.**



**BOBS, Plumb (Continued)**

Pack, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Reading Hardware Corp., Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Starrett (L. S.) Co., Athol, Mass.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns  
 Exco"

**BODY CLAMPS—See Clamps, Body****BODY PROTECTORS—See Protectors, Body****BOILER CEMENT—See Cement, Cast Iron****BOILER COMPOUND—See Compounds, Boiler****BOILER COPPER FLOATS—See Floats, Copper;****Steam Trap and Boiler****BOILER FEED PUMPS—See Pumps, Boiler Feed****BOILER HANDLES, WASH—See Handles, Boiler****BOILER MAKERS' HAMMERS—See Hammers,****Boiler Makers', Forged Steel****BOILER PLATE LIFTING CLAMPS—See Clamps,****Boiler Plate, Lifting****BOILER REPAIR PLUGS—See Plugs, Boiler Re-****pair****BOILER REPAIRS—See Repairs, Boiler****BOILER RIVETS—See Rivets, Boiler****BOILER ROOM FIRING TOOLS—See articles de-****sired****BOILER SEALING COMPOUNDS—See Compounds,****Boiler Sealing****BOILER STANDS—See Stands, Boiler****BOILER TUBE CLEANERS—See Scrapers, Fine****BOILER WATER FEEDERS—See Feeders, Boiler,****Water****BOILERS, Cooking—See Ware, Aluminum; also****Ware, Enameled; also Ware, Tin****BOILERS, Ham—See Kettles, Cast Iron****BOILERS, Heating, Steam or Hot Water****American Radiator Co., 40 W. 40th, New York,****N. Y. "Ideal Arcs," "Ideal Arcola"****Brownell Co., 300 N. Findlay, Dayton, O. "Master"****Central Radiator Co., 420 Lexington Av., New York,****N. Y.****Cor (Abram) Mfg. Corp., Lansdale, Pa. "Novelty"****Dahlgren Mfg. Co., Boston, Mass.****Eastern Foundry Co., Boyertown, Pa. "Peerless"****Globe (Ervin F.) Sales Corp., 1939 Grand, Central****Terminal Bldg., New York, N. Y. "Gloco"****Grote (F.) Mfg. Co., Evansville, Ind.****International Heater Co., Utica, N. Y. "Economy"****Muelier (L. J.) Furnace Co., Milwaukee, Wis.****Richardson & Boynton Co., 244 Madison Av., New****York, N. Y.****Sandvik Saw & Tool Corp., 47 Warren, New York,****N. Y. "NorHammar" (Swedish Wood Burning)****Spear (James) Stove & Heater Co., 1823 Market,****Phila., Pa. "Spears"****Thatcher Co., 89 St. Francis, Newark, N. J.****BOILERS, Range, Copper****Badger (E. B.) & Sons Co., Boston, Mass.****Dahlgren Mfg. Co., Boston, Mass. "AquaTherm,"****"Boston," "Turbo"****Engelhard (Frank) & Sons, Springfield, Mass.****Gestein & Cooper, Boston, Mass.****Truesher (John) Steam Copper Wks., 5000 Grand****Av., Mapeth, N. Y.****Wood (John) Mfg. Co., Inc., Conshohocken, Pa.****"Electric Weld"****BOILERS, Range, Galvanized Iron****Cas (W. A.) & Son Mfg. Co., Buffalo, N. Y. "East-****ern"****Edger-Walsh-Weidner Co., Chattanooga, Tenn.****Edger-Walsh Co., Napoleon, O.****Edger (L. A.), Philadelphia, Pa.****Kov (L. O.) & Bros., 154 Ogden Av., Jersey City,****N. J.****Pennsylvania Range Boiler Co., Phila., Pa.****Roberts-Hamilton Co., Minneapolis, Minn. "Storm****King"****Truesher (John) Steam Copper Wks., 5000 Grand****Av., Mapeth, N. Y. "Graves"****Wood (John) Mfg. Co., Inc., Conshohocken, Pa.****"Electric Weld"****BOILERS, Range, Monel Metal****Whithead Metal Products Co., Inc., 303 W. 10th,****New York, N. Y.****BOILERS, Rice****Aluminum Goods Mfg. Co., Manitowoc, Wis.****"Kiro," "Viko"****Aluminum Products Co., La Grange, Ill. "Lifetime,"****"Thermaware"****American Aluminum Mfg. Co., Lemont, Ill. "Ameri-****an Maid"****Enamel Co., Bellairs, O. "Beco"****Hamilton Metal Products Co., Carrollton, O. "Carl-****son" (Stainless Steel)****Enamel & Stamping Co., Terre Haute,****Ind.****Enterprise Aluminum Co., Massillon, O.****Enro Aluminum Co., Taunton, Mass.****Federal Enameling & Stamping Co., McKees Rocks,****Pa. "OM Holland"****Paeschke & Frey Co., Milwaukee, Wis.****"Cream City"****Enro Pure Aluminum Co., Lemont, Ill. "Ameri-****an Maid"****Kramer (A.), Inc., 307 Kent Av., Bklyn., N. Y.****Kramer, Frary & Clark, New Britain, Conn.****Lisk Mfg. Co., Ltd., Canandaigua, N. Y.****Metal Ware Corp., Two Rivers, Wis. "Pilgrim Ware"****Moore Enameling & Mfg. Co., West Lafayette, O.****"Enamliant," "Marliant," "Memco Decorated,"****"Memco Standard," "Moore"****National Enameling & Stamping Co., 270 N. 12th,****Milwaukee, Wis. "Nesco"****Process Metal Corp., Lockport, N. Y. "Krome-****Alume"****Rome Mfg. Co., Div. Revere Copper & Brass Inc.,****Rome, N. Y.****Savory, Inc., 591 Ferry, Newark, N. J.****Stainless Steel Products Co., La Grange, Ill. "Life-****time" (Stainless Steel)****U. S. Stamping Co., Moundsville, W. Va.****Vollrath Co., Sheboygan, Wis.****BOILERS, TOY—See Sets, Cooking, Toy****BOILERS, Wash****Atlantic Stamping Co., Rochester, N. Y.****Badger (E. B.) & Sons Co., Boston, Mass.****Behrens (H.) Mfg. Co., Winona, Minn. "Never****Mend"****Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles,****Cal. "Boyco"****Dahlgren Mfg. Co., Boston, Mass.****Dover Stamping & Mfg. Co., Cambridge, Mass.****General Metalware Co., Minneapolis, Minn. "Mar-****tinware"****Geuder, Paeschke & Frey Co., Milwaukee, Wis.****"Cream City," "Superior"****Kramer (A.), Inc., 307 Kent Av., Bklyn., N. Y.****Lawson (F. H.) Co., Cincinnati, O. "Lawco"****Lisk Mfg. Co., Ltd., Canandaigua, N. Y.****Louisville Tin & Stove Co., Louisville, Ky.****National Enameling & Stamping Co., 270 N. 12th,****Milwaukee, Wis. "Nesco"****Phillips & Butterff Mfg. Co., Nashville, Tenn.****Pittsburgh Tinware Mfg. Co., Pittsburgh, Pa. "Tin-****co"****Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.****Reed Mfg. Co., Newark, N. J.****Richardson (M. A.) Inc., 2934 W. Lake, Chicago,****Ill.****Rochester Can Co., Rochester, N. Y. "Iron Horse"****Rome Mfg. Co., Div. Revere Copper & Brass, Inc.,****Rome, N. Y.****Savory, Inc., 591 Ferry, Newark, N. J.****Schluter Mfg. Co., St. Louis, Mo. "De Luxe"****Stratton & Terstegge Co., Inc., Mfg. Div., Louis-****ville, Ky. "Falls City"****BOLT CABINETS—See Cases, Bolt****BOLT CAPS—See Caps, Bolt, Nut and Screw****BOLT CLIPPERS—See Clippers, Bolt****BOLT CUTTERS—See Taps and Dies; also Screw****Plates; also Clippers, Bolt****BOLT DIE STOCKS—See Stocks, Die, Pipe and****Bolt****BOILERS, Anchor****Ankysa Mfg. Co., Phila., Pa.****Bayonne Bolt Corp., Bayonne, N. J.****Bethlehem Steel Co., Bethlehem, Pa.****Chicago Expansion Bolt Co., 126 S. Clinton, Chi-****cago, Ill.****Craftplug, Inc., 330 W. 42nd, New York, N. Y.****"Craftplug"****Daniel (Edward W.) Co., 4062 St. Clair Av., Clevel-****and, O.****Diamond Expansion Bolt Co., 90 West, New York,****N. Y.****Harrison Bolt & Nut Co., (Harrison), Newark, N. J.****Maryland Bolt & Nut Co., Baltimore, Md.****Merrill Bros., Maspeth, N. Y.****Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"****Rawplug Co., Inc., 97 Lafayette, New York, N. Y.****"Rawl-Anchor," "Rawl-Drive"****St. Louis Screw & Bolt Co., St. Louis, Mo.****Sheffield Steel Corp., Sheffield Station, Kansas City,****Mo. "Sheffield"****Stewart & Romaine Mfg. Co., Phila., Pa.****Upson-Walton Co., 1280 W. 11th, Cleveland, O.****U. S. Expansion Bolt Co., Inc., York, Pa. "U. S. E."****BOILTS, Barrel—See Bolts, Door and Window****BOILTS, Brass, Bronze and Copper****American Screw Co., Providence, R. I.****Bayonne Bolt Corp., Bayonne, N. J.****Bull Dog Electric Products Co., Detroit, Mich.****Central Screen Co., 3511 Shields Av., Chicago, Ill.****Chase Brass & Copper Co., Waterbury, Conn.****Clark Bros. Bolt Co., Bemiss, Milldale, Conn.****Columbus Brass Co., Columbus, O.****Corbin Screw Corp., New Britain, Conn.****Harper (H. M.) Co., Chicago, Ill.****Harrison Bolt & Nut Co., (Harrison), Newark, N. J.****Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.****Laughlin (Thos.) Co., 199 Fore, Portland, Me.****National Acme Mfg. Co., Cleveland, O.****Pawtucket Mfg. Co., Pawtucket, R. I.****Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.****Reading Hdw. Co., Reading, Pa.****Reed & Prince Mfg. Co., Worcester, Mass.****Russell, Burdall & Ward Bolt & Nut Co., Port****Chester, N. Y. "Empire"****St. Louis Screw & Bolt Co., St. Louis, Mo.****BOILTS, Bronze—See Bolts, Brass, Bronze and Cop-****per****BOILTS, Cane****Frantz Mfg. Co., Sterling, Ill.****Griffin Mfg. Co., Erie, Pa.****Lawrence Bros., Sterling, Ill.****National Mfg. Co., Sterling, Ill.****Richards-Wilcox Mfg. Co., Aurora, Ill.****Sharon Hardware Mfg. Co., Sharon, Pa.****Teegardin Mfg. Co., 2131 Miami, Toledo, O.****Wagner Mfg. Co., Cedar Falls, Ia.****Western Products, Inc., New Castle, Ind.****BOLTS, Carriage****Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Clevel-****and, O.****Automotive Hdw., Inc., 38 S. Cruse, Indianapolis,****Ind.****Bayonne Bolt Corp., Bayonne, N. J.****Berry Bros., Columbus, O.****Bethlehem Steel Co., Bethlehem, Pa.****Boss Bolt & Nut Co., Chicago, Ill.****Buffalo Bolt Co., North Tonawanda, N. Y.****Central Screw Co., 3511 Shields Av., Chicago, Ill.****Clark Bros. Bolt Co., Bemiss, Milldale, Conn.****Cleveland Cap Screw Co., 2924 E. 79th, Cleveland, O.****Columbia Nut & Bolt Co., Inc., Bridgeport, Conn.****Columbus Bolt Wks. Co., Columbus, O. "Common,"****"Philadelphia"****Continental Screw Co., New Bedford, Mass. "Hol-****lite"****Erie Bolt & Nut Co., Erie, Pa.****General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.****Keystone Bolt & Nut Co., 9507 Meech Av., Clevel-****and, O.****Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.****Lewis Bolts & Nut Co., Minneapolis, Minn.****Milton Mfg. Co., Milton, Pa.****National Lock Co., Rockford, Ill.****National Screw & Mfg. Co., Cleveland, O.****Neely Nut & Bolt Co., Pittsburgh, Pa. "Nubolt"****Ohio Nut & Bolt Co., Berea, O.****Oliver Iron & Steel Co., Pittsburgh, Pa.****Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.****Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.****Remington Screw & Bolt Mfg. Co., Cold Spring-****on-Hudson, N. Y.****Republic Steel Co., Upson Nut Div., Cleveland, O.****"Upson"****Rockford Screw Products Co., Rockford, Ill.****Russell, Burdall & Ward Bolt & Nut Co., Port****Chester, N. Y. "Eagle"****Ryerson (Jos. T.) & Son, Inc., 16th and Rockwell,****Chicago, Ill.****St. Louis Screw & Bolt Co., St. Louis, Mo.****Sheffield Steel Corp., Sheffield Station, Kansas City,**

# The NATIONAL Line

## Is ALWAYS AHEAD

### AND

## Second to None



National Builders' Hardware has always been an outstanding leader in modernness of design and consistently uniform in its fine quality.

The extensive line of National Hardware permits dealers to meet every demand in style, size, finish and price. And back of every item is 37 years of specialized experience in the designing and manufacture of Builders' Hardware that is *right in every way*.

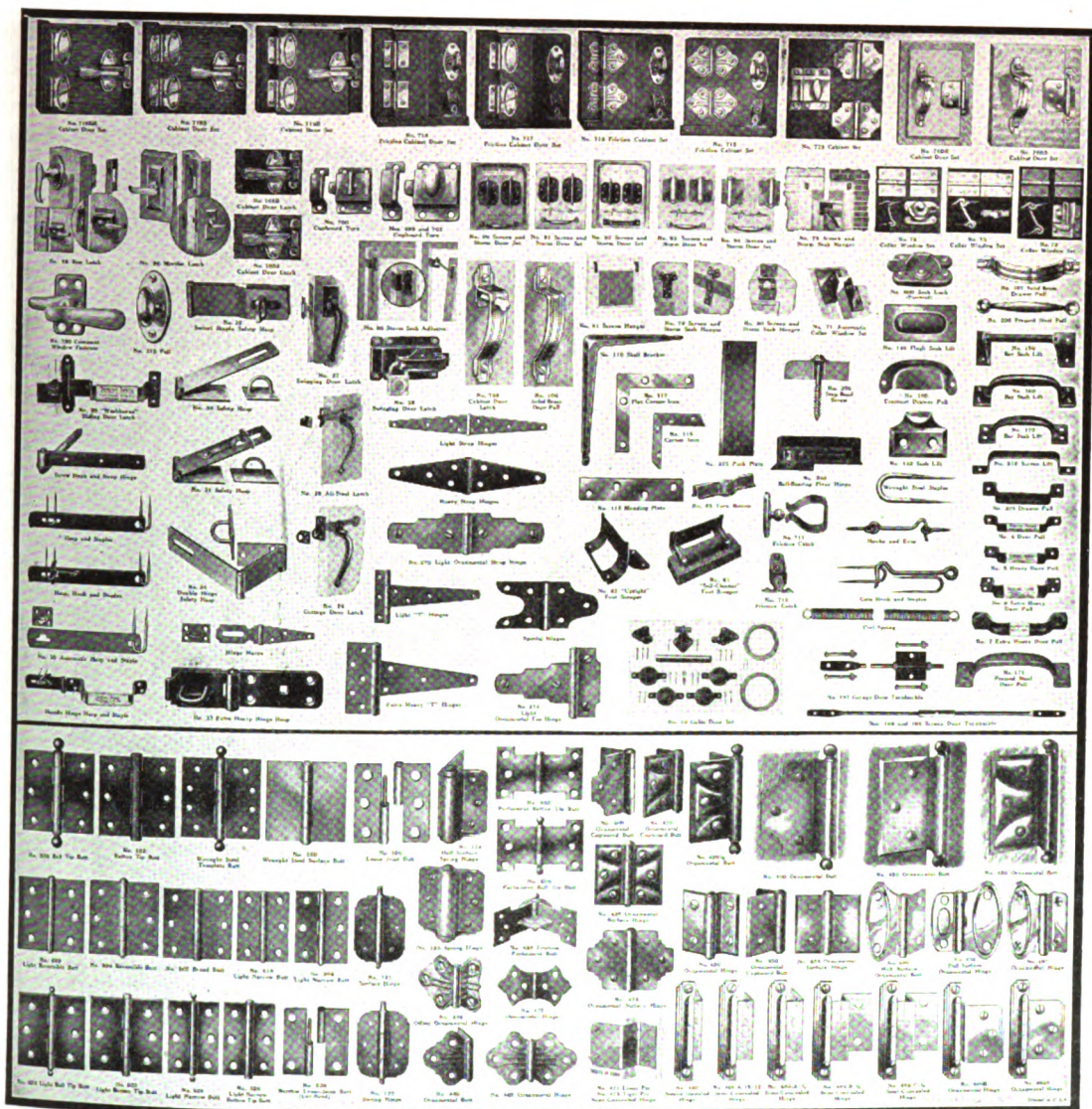
Every retail dealer should send for the latest National catalog. It is beautifully illustrated and gives full description of the complete National line. Write for your *free* copy now—we shall be glad to send it.



# of BUILDERS' HARDWARE

*Sold direct to the Retail Hardware  
Dealer—A Policy that promotes*

**QUALITY—SERVICE—CO-OPERATION**



NATIONAL  
MFG. CO.

**National Manufacturing Co.**  
STERLING • ILLINOIS

NATIONAL  
MFG. CO.

**BOLTS, Cremona (Continued)**

Monarch Mfg. Co., Detroit, Mich.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Reading Hardware Corp., Reading, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Rixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 "Russwin"  
 Safe Padlock & Hdwe. Co., Lancaster, Pa.  
 Sager Lock Wks. of Yale & Towne Mfg. Co., N. Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**BOLTS, Cultivator and Plow**

American Screw Co., Providence, R. I.  
 Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Buffalo Bolt Co., North Tonawanda, N. Y.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Columbus Bolt Wks. Co., Columbus, O.  
 General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 National Screw & Mfg. Co., Cleveland, O.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O.  
 "Upson"  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"

**BOLTS, Door and Window**

Barrows Lock Wks. of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Brainerd Mfg. Co., E. Rochester, N. Y.  
 Casement Hdwe. Co., 404 North Wood, Chicago, Ill.  
 "Bolt Fast," "Win-Dor"  
 Champion Hdwe. Co., Geneva, O.  
 Chantrell Hdwe. & Tool Co., Fitchburg, Mass.  
 Clark (H. E.) & Bros., Rochester, N. Y.  
 Clinton Lock Co., Clinton, Ia.  
 Columbus Brass Co., Columbus, O.  
 Corbin, P. & F., New Britain, Conn.  
 Dent Hdwe. Co., Fullerton, Pa.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Fiware Equipment Mfg. Co., 64 Reade, New York, N. Y.  
 Frantz Mfg. Co., Sterling, Ill.  
 Frost (C. L.) & Son, Grand Rapids, Mich.  
 Getty (H. S.) & Co., Inc., 8348 No. 10th, Phila., Pa.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Ives (H. B.) Co., New Haven, Conn.  
 Kell (Francis) & Son, Inc., 401 E. 168rd, New York, N. Y.  
 Klumpp Mfg. Co., 305 E. 46th, New York, N. Y.  
 "Dubl-Lok"  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Payson Mfg. Co., Chicago, Ill.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penn Hdwe. Co., Reading, Pa.  
 Phenix Mfg. Co., Inc., 2682 N. Humboldt Av., Milwaukee, Wis.  
 Reading Hardware Corp., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hdwe. Co., Lancaster, Pa.  
 Sager Lock Works of Yale & Towne Mfg. Co., N. Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sargent & Greenleaf, Rochester, N. Y. "Gem"  
 Segal Lock & Hdwe. Co., Inc., 261 B'way, New York, N. Y.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 United Specialties Mfg. Co., Ltd., Richmond Hill, N. Y.  
 Wayne Mfg. Co., Detroit, Mich.  
 Wrightsville Hdwe. Co., Wrightsville, Pa.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**BOLTS, Door, Factory and Garage**

Clark (H. Elmer) & Bros., Rochester, N. Y.  
 Corbin, P. & F., New Britain, Conn.  
 Frantz Mfg. Co., Sterling, Ill.  
 Griffin Mfg. Co., Erie, Pa.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdwe. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Mfg. Co., Sterling, Ill.  
 Phenix Mfg. Co., Inc., 2682 N. Humboldt Av., Milwaukee, Wis.  
 Reading Hardware Corp., Reading, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Sargent & Co., New Haven, Conn.

Sharon Hardware Mfg. Co., Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn. "Kee Bolt"  
 Teegardin Mfg. Co., 2181 Miami, Toledo, Ohio.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Western Products, Inc., New Castle, Ind.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**BOLTS, Door, Fire Exit—See Fixtures, Door, Fire**

**BOLTS, Door, Panic**

(See also Fixtures, Door, Fire)

Clark (H. Elmer) & Bros., Rochester, N. Y.  
 Corbin, P. & F., New Britain, Conn.  
 Detroit Hdwe. Mfg. Co., Detroit, Mich.  
 Elton Hdwe. Co., 93 Lafayette, Newark, N. J.  
 Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
 Peters (Jas.) & Son, Phila., Pa.  
 Reading Hardware Corp., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 "Russwin"  
 Sargent & Co., New Haven, Conn.  
 Sargent & Greenleaf, Inc., Rochester, N. Y.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Steffens-Amberg Co., 262 Morris Av., Newark, N. J.  
 "Smith's"  
 Vonnegut Hdwe. Co., Indianapolis, Ind. "Von Duprin"

**BOLTS, Dutch Door**

Corbin, P. & F., New Britain, Conn.  
 Lockwood Hdwe. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Reading Hardware Corp., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sargent & Co., New Haven, Conn.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**BOLTS, Elevator**

American Screw Co., Providence, R. I.  
 Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Buffalo Bolt Co., North Tonawanda, N. Y.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 National Screw & Mfg. Co., Cleveland, O.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O.  
 "Upson"  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**BOLTS, Everdur Metal**

American Screw Co., Providence, R. I.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Harper (H. M.) Co., Chicago, Ill.  
 Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Phenix Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y.  
 St. Louis Screw & Bolt Co., St. Louis, Mo.

**BOLTS, Extension**

Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
 City Plating & Mfg. Co., St. Louis, Mo.  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Ives (H. B.) Co., New Haven, Conn.  
 Lockwood Hdwe. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Parker (S.) Hdwe. Mfg. Corp., 27 Ludlow, New York, N. Y.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Reading Hardware Corp., Reading, Pa.  
 Safe Padlock & Hdwe. Co., Lancaster, Pa.  
 Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**BOLTS, Eye**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Billings & Spencer Co., Hartford, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Brooks (M. S.) & Sons, Chester, Conn.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, Bklyn., N. Y.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Columbus Bolt Wks. Co., Columbus, O.  
 Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Harper (H. M.) Co., Chicago, Ill.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.

Hindley Mfg. Co., Valley Falls, R. I.  
 Judd (H. L.) Co., Wallingford, Conn.  
 Keystone Forging Co., Northumberland, Pa.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me. (Drop Forged)  
 Lawrence Bros., Sterling, Ill.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Merrill Bros., Masspeth, N. Y.  
 Merrill Mfg. Co., Merrill, Wis.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way, New York, N. Y.  
 Oliver Iron & Steel Co., Pittsburgh, Pa.  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Parker Metal Goods Co., Worcester, Mass.  
 Parker Wire Goods Co., Worcester, Mass.  
 St. Louis Screw & Bolt Co., St. Louis, Mo.  
 Sargent & Co., New Haven, Conn.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Washburn Company, Worcester, Mass.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan"

**BOLTS, Fire Exit—See Bolts, Door, Panic**  
**BOLTS, Foot—See Bolts, Door and Window**

**BOLTS, Galvanized**

Ames (W.) & Co., 417 Communipaw Av., Jersey City, N. J.  
 Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Buffalo Bolt Co., North Tonawanda, N. Y.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Harrison Bolt & Nut Co. (Harrison), Newark, N. J.  
 Hubbard & Co., Pittsburgh, Pa.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Line Material Co., South Milwaukee, Wis.  
 Merrill Bros., Masspeth, N. Y.  
 Neeley Nut & Bolt Co., Pittsburgh, Pa.  
 Oliver Iron & Steel Co., Pittsburgh, Pa.  
 Phenix Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
 Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
 Rockford Bolt & Steel Co., Rockford, Ill.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 St. Louis Screw & Bolt Co., St. Louis, Mo.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"

**BOLTS, Hanger**

Alto Mfg. Co., Chicago, Ill.  
 Ankyra Mfg. Co., Phila., Pa.  
 Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
 Barrett Sales Co., 2612 Barry Av., Chicago, Ill.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Boss Bolt & Nut Co., Chicago, Ill.  
 Buffalo Bolt Co., North Tonawanda, N. Y.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Continental Screw Co., New Bedford, Mass.  
 Corbin Screw Corp., New Britain, Conn.  
 Keystone Friction Hinge Co., Williamsport, Pa.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Milton Mfg. Co., Milton, Pa.  
 National Lock Co., Rockford, Ill.  
 National Screw & Mfg. Co., Cleveland, O.  
 Oliver Iron & Steel Co., Pittsburgh, Pa.  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"  
 Rockford Bolt & Steel Co., Rockford, Ill.  
 St. Louis Screw & Bolt Co., St. Louis, Mo.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Standard Nut & Bolt Co., Valley Falls, R. I.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Wilcox-Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**BOLTS, Heel**

Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Milton Mfg. Co., Milton, Pa.  
 Moline Iron Wks., Moline, Ill.  
 National Screw & Mfg. Co., Cleveland, O.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"

**BOLTS, Hook Head**

Ames (W.) & Co., 417 Communipaw Av., Jersey City, N. J.  
 Berry Bros., Columbus, O.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Harrison Bolt & Nut Co. (Harrison), Newark, N. J.  
 Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Line Material Co., South Milwaukee, Wis.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Maryland Bolt & Nut Co., Baltimore, Md.



# For 1940 PREWAY

has the *hardest hitting* sales story  
in the space heater business

Three  
new and  
amazing  
developments  
★

Investigate the only  
oil-burning heaters with  
*Controlled fuel generation*  
*Thermol humidifying*  
*Quick, detachable blower*

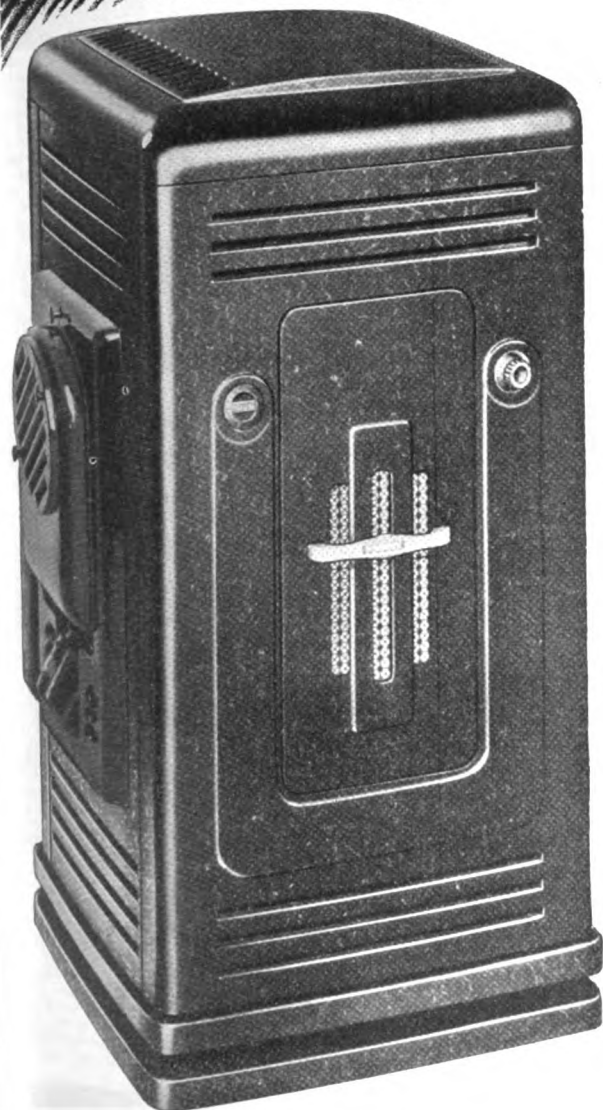
The PREWAY line for 1940 features the greatest engineering developments in oil-burning heaters in fifteen years. With these advantages you can step completely away from competition—offer your customers exclusive features in greater comfort and increased heating efficiency that no one else can show or talk about. For example:

**Only PREWAY** heaters have *controlled fuel generation*—the perfect combustion burner that is *guaranteed* to burn with a flame free from carbon, smoke, or soot.

**Only PREWAY** heaters have thermol humidification—a wholly automatic system of boosting humidity within the home to provide more *healthful living conditions* and more *economical operation*.

**Only PREWAY** heaters have the detachable, adjustable Power-Flo blower unit that *adds to the capacity* of the heater in winter, and *actually cools the house in summer*.

There are many more advantages built into these popularly-priced heaters that you can point to, that add up to make the PREWAY line the difference between being in the *big money* this season, or out of it, on oil heater sales in your trading area. Ask your jobber today, as alert dealers everywhere are doing, or write direct for complete information.

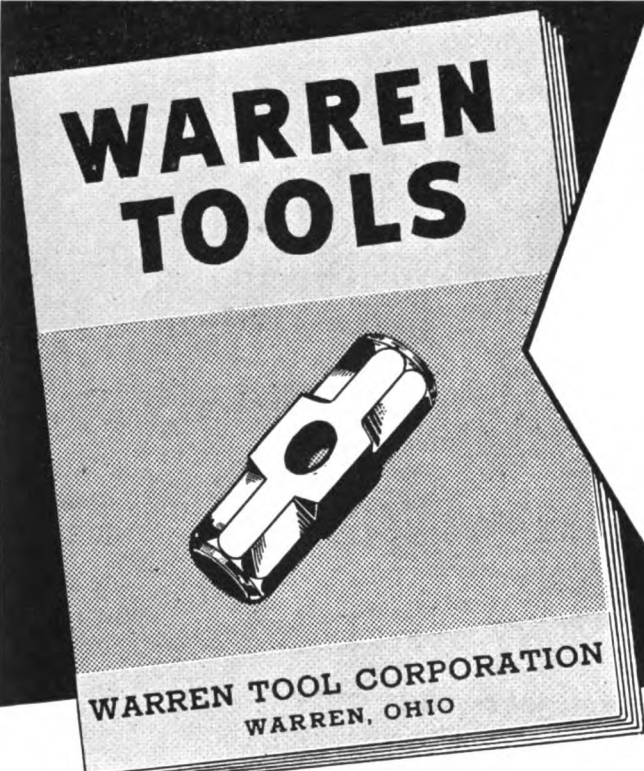


**Prentiss-Wabers Products Co.**  
Wisconsin Rapids, Wisconsin

Digitized by Google

Mention Hardware Age When Writing





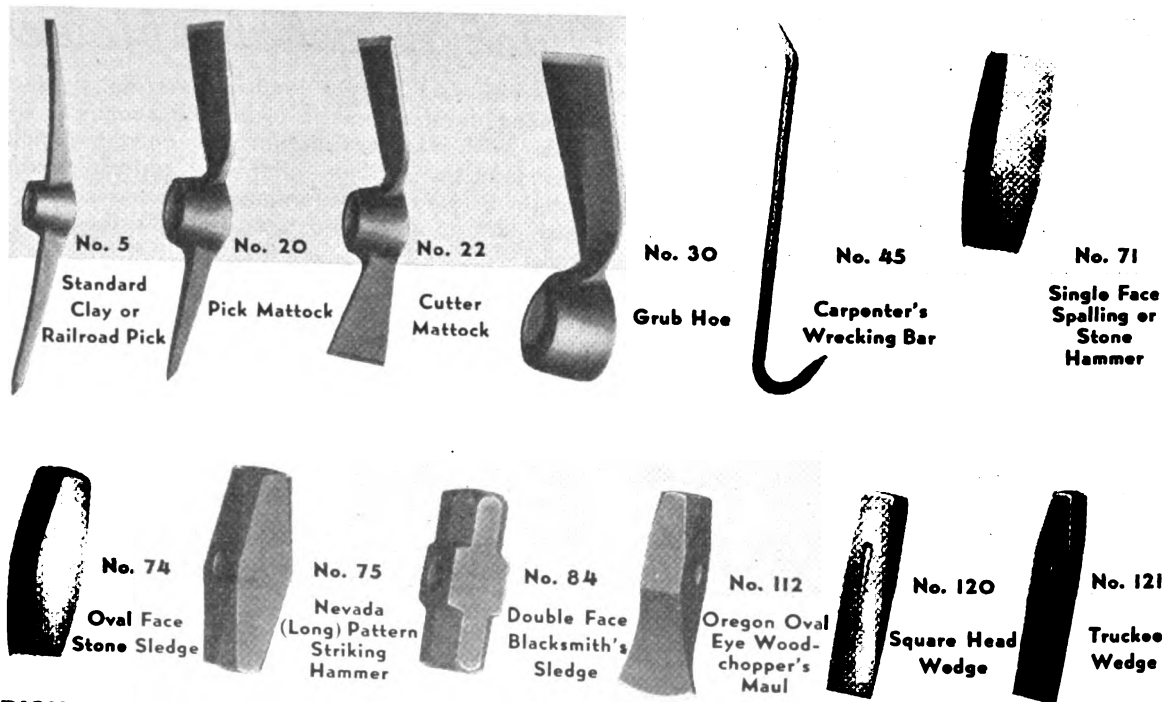
**WARREN  
TOOLS**



**WARREN TOOL CORPORATION  
WARREN, OHIO**

**ASK FOR THIS  
CATALOG OF  
FORGED STEEL  
HAND TOOLS**

**THESE ITEMS AND MORE IN A COMPLETE RANGE OF SIZES AND WEIGHTS ARE CLEARLY SHOWN IN THE CATALOG**



**PICKS . MATTOCKS . HOES . WEDGES . HAMMERS . SLEDGES . BARS . MAULS**

Warren Tools are made of controlled steels, forged and heat treated for long life.

**WARREN TOOL CORPORATION  
WARREN, OHIO**

Mention Hardware Age When Writing

Digitized by Google

# **BOLTS, Hook Head (Continued)**

Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
Rockford Bolt & Steel Co., Rockford, Ill.  
Russell, Burdall & Ward Bolt & Nut Co., Port  
Chester, N. Y. "Empire"  
St. Louis Screw & Bolt Co., St. Louis, Mo.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.

# **BOLTS, Indicator, Lavatory Door** (See also Hardware, Lavatory)

Barrows Lock Wks. of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Bosmer Spring Hinge Co., 263 Classon Av., Bklyn.,  
N. Y.  
Chicago Spring Hinge Co., 1500 Carroll Av., Chi-  
cago, Ill.  
Clinton Lock Co., Clinton, Ia.  
Corbin, (P. & F.), New Britain, Conn.  
Gerry (H. S.) & Co., Inc., 3248 No. 10th, Phila., Pa.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"  
Milwaukee Stamping Co., Milwaukee, Wis.  
Reading Hardware Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Yale Lock Wks. of Yale & Towne Mfg. Co., No.  
Chicago, Ill.  
Yarnall & Co., New Haven, Conn.  
Yale & Towne Mfg. Co., Stamford, Conn.

# **BOLTS, Lag and Skein**

Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Clevel-  
and, O.  
Bayonne Bolt Corp., Bayonne, N. J.  
Bethlehem Steel Co., Bethlehem, Pa.  
Bos Bolt & Nut Co., Chicago, Ill.  
Buffalo Bolt Co., North Tonawanda, N. Y.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Columbus Bolt Wks. Co., Columbus, O.  
Federal Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
Milton Mfg. Co., Milton, Pa.  
National Screw & Mfg. Co., Cleveland, O.  
Neely Nut & Bolt Co., Pittsburgh, Pa.  
Oliver Iron & Steel Co., Pittsburgh, Pa.  
Pheol Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
Spring-on-Hudson, N. Y.  
Upson Steel Corp., Upson Nut Div., Cleveland, O.  
"Upson"  
Russell, Burdall & Ward Bolt & Nut Co., Port  
Chester, N. Y. "Empire"  
Sheffield Steel Corp., Sheffield Station, Kansas City,  
Mo. "Sheffield"  
Triplex Bolt Co., 707 W. Van Buren, Chicago, Ill.  
Triplex Screw Co., 5817 Grant Ave., Cleveland, O.  
"Triplex"

# **BOLTS, Machine**

Ames (W.) & Co., 417 Communipaw Av., Jersey City,  
N. J.  
Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Clevel-  
and, O.  
Automotive Hdw., Inc., 38 S. Cruse, Indianapolis,  
Ind.  
Bayonne Bolt Corp., Bayonne, N. J.  
Berry Bros., Columbus, O.  
Bethlehem Steel Co., Bethlehem, Pa.  
Bos Bolt & Nut Co., Chicago, Ill.  
Buffalo Bolt Co., North Tonawanda, N. Y.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Cleveland Cap Screw Co., 2924 E. 79th, Cleveland,  
O.  
Columbus Bolt Wks. Co., Columbus, O.  
Continental Screw Co., New Bedford, Mass. "Hol-  
tite," "Holtite-Phillips" (Slotted and Recessed  
Head)  
Corbin Screw Corp., New Britain, Conn. "Phillips"  
(Slotted and Recessed Head)  
Dorman Star Washer Co., 1004 Sycamore, Cincin-  
nati, O.  
Eagle Lock Co., Terryville, Conn. (Stove)  
General Screw Mfg. Co., 3217 W 47th, Chicago, Ill.  
Harrison Bolt & Nut Co., (Harrison), Newark, N. J.  
Heiz & Heiz, Inc., 33-34th, Bklyn., N. Y. "H-H"  
Keystone Bolt & Nut Co., 9507 Meech Av., Clevel-  
and, O.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Monarch Cap Screw & Mfg. Co., 5906 Park Av.,  
Cleveland, O. "Monarch"  
National Lock Co., Rockford, Ill.  
National Screw & Mfg. Co., Cleveland, O. "Phillips"  
(Slotted and Recessed Head)  
New England Bolt Co., Everett, Mass.  
New England Screw Co., 44 Farnsworth, Boston,  
Mass.  
Ohio Nut & Bolt Co., Berea, O. (Stove)  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Pheol Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
Reading Screw Co., Norristown, Pa.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Remington Screw & Bolt Mfg. Co., Inc., Cold  
Spring-on-Hudson, N. Y.  
Republic Steel Corp., Upson Nut Div., Cleveland, O.  
"Upson"  
Rockford Bolt & Steel Co., Rockford, Ill.  
Rockford Screw Products Co., Rockford, Ill.  
Russell, Burdall & Ward Bolt & Nut Co., Port  
Chester, N. Y. "Empire," "Phillips" (Slotted &  
Recessed Head)  
Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell,  
Chicago, Ill.  
St. Louis Screw & Bolt Co., St. Louis, Mo.  
Sheffield Steel Corp., Sheffield Station, Kansas City,  
Mo. "Sheffield"  
Southington Hdw. Co., Southington, Conn. "Phillips"  
(Slotted and Recessed Head)  
Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
Townsend Co., New Brighton, Pa.  
Triplex Screw Co., 5817 Grant Ave., Cleveland, O.  
"Triplex"  
United Screw & Bolt Corp., 2513 W. Cullerton,  
Chicago, Ill.

Smith (Thos.) Co., Worcester, Mass.  
Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
Triplex Screw Co., 5817 Grant Ave., Cleveland, O.  
"Triplex"  
Wassmer Bolt & Nut Co., 13000 Athens Av., Clevel-  
and, O.  
Wilcox-Crittenden Co., Inc., 77 S. Main, Middle-  
town, Conn.

**BOLTS, Panic—See Bolts, Door, Panic**

# **BOLTS, Ring**

Daniel (Edward W.) Co., 4062 St. Clair Av., Clevel-  
and, O.  
Harrison Bolt & Nut Co. (Harrison), Newark, N. J.  
Harvey Spring & Forging Co., Racine, Wis.  
Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N.Y.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
Steel Products Co., Clarkwood Av., Cleveland, O.  
Washburn Company, Worcester, Mass.  
Wilcox-Crittenden & Co., Inc., 77 S. Main, Middle-  
town, Conn.

# **BOLTS, Shackle**

Allied Products Corp. (Victor Peninsular Div.), De-  
troit, Mich.  
Bard Mfg. Co., Royersford, Pa.  
Blakeslee Forging Co., Plantville, Conn.  
Brown Co., Syracuse, N. Y.  
Buffalo Bolt Co., North Tonawanda, N. Y.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Columbus Bolt Wks. Co., Columbus, O.  
Fosteria Screw Co., Fosteria, O.  
Harrison Bolt & Nut Co., (Harrison), Newark, N. J.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
National Screw & Mfg. Co., Cleveland, O.  
Republic Steel Corp., Upson Nut Div., Cleveland, O.  
"Upson"  
Russell, Burdall & Ward Bolt & Nut Co., Port  
Chester, N. Y. "Empire"  
Standard Turnbuckle Co., Corry, Pa.  
Steel Products Co., Clarkwood Av., Cleveland, O.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wilcox-Crittenden Co., Inc., 77 S. Main, Middle-  
town, Conn.

# **BOLTS, Shutter**

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn.,  
N. Y.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Stanley Wks., New Britain, Conn.

**BOLTS, Socket—See Bolts, Ring**

# **BOLTS, Stove and Tire**

American Screw Co., Providence, R. I. "Phillips"  
(Slotted & Recessed Head)  
Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Clevel-  
and, O.  
Automotive Hdw., Inc., 38 S. Cruse, Indianapolis,  
Ind.  
Berry Bros., Columbus, O.  
Bethlehem Steel Co., Bethlehem, Pa.  
Blake & Johnson Co., Waterbury, Conn. (Stove)  
Buffalo Bolt Co., North Tonawanda, N. Y.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Cleveland Cap Screw Co., 2924 E. 79th, Cleveland,  
O.  
Columbus Bolt Wks. Co., Columbus, O.  
Continental Screw Co., New Bedford, Mass. "Hol-  
tite," "Holtite-Phillips" (Slotted and Recessed  
Head)  
Corbin Screw Corp., New Britain, Conn. "Phillips"  
(Slotted and Recessed Head)  
Dorman Star Washer Co., 1004 Sycamore, Cincin-  
nati, O.  
Eagle Lock Co., Terryville, Conn. (Stove)  
General Screw Mfg. Co., 3217 W 47th, Chicago, Ill.  
Harrison Bolt & Nut Co., (Harrison), Newark, N. J.  
Heiz & Heiz, Inc., 33-34th, Bklyn., N. Y. "H-H"  
Keystone Bolt & Nut Co., 9507 Meech Av., Clevel-  
and, O.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Monarch Cap Screw & Mfg. Co., 5906 Park Av.,  
Cleveland, O. "Monarch"  
National Lock Co., Rockford, Ill.  
National Screw & Mfg. Co., Cleveland, O. "Phillips"  
(Slotted and Recessed Head)  
New England Bolt Co., Everett, Mass.  
New England Screw Co., 44 Farnsworth, Boston,  
Mass.  
Ohio Nut & Bolt Co., Berea, O. (Stove)  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Pheol Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
Reading Screw Co., Norristown, Pa.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Remington Screw & Bolt Mfg. Co., Inc., Cold  
Spring-on-Hudson, N. Y.  
Republic Steel Corp., Upson Nut Div., Cleveland, O.  
"Upson"

# **BOLTS, Stud**

Bethlehem Steel Co., Bethlehem, Pa.  
Bos Bolt & Nut Co., Chicago, Ill.  
Buffalo Bolt Co., North Tonawanda, N. Y.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Chicago Screw Co., Homan Av., Chicago, Ill.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Federal Screw Wks., Detroit, Mich.  
Ferry Cap & Set Screw Co., Cleveland, O.  
Harrison Bolt & Nut Co., (Harrison), Newark, N. J.  
Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Maryland Bolt & Nut Co., Baltimore, Md.  
Milton Mfg. Co., Milton, Pa.  
National Acme Mfg. Co., Cleveland, O.  
Neely Nut & Bolt Co., Pittsburgh, Pa.  
New England Bolt Co., Pittsburgh, Pa.  
Oliver Iron & Steel Corp., Everett, Mass.  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Phoenix Hardware Mfg. Co., Buffalo, N. Y.  
Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
Republic Steel Co., Upson Nut Div., Cleveland, O.  
"Upson"  
Rhode Island Tool Co., Providence, R. I.  
Rockford Bolt & Steel Co., Rockford, Ill.  
St. Louis Screw & Bolt Co., St. Louis, Mo.  
Smith (Thos.) Co., Worcester, Mass.  
Standard Turnbuckle Co., Corry, Pa.  
Steel Products Co., Clarkwood Av., Cleveland, O.  
Western Automatic Mach. Screw Co., Elyria, O.

# **BOLTS, Tap**

Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Clevel-  
and, O.  
Bethlehem Steel Co., Bethlehem, Pa.  
Bos Bolt & Nut Co., Chicago, Ill.  
Buffalo Bolt Co., North Tonawanda, N. Y.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Harrison Bolt & Nut Co., (Harrison), Newark, N. J.  
Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Maryland Bolt & Nut Co., Baltimore, Md.  
Milton Mfg. Co., Milton, Pa.  
Oliver Iron & Steel Co., Pittsburgh, Pa.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
Republic Steel Co., Upson Nut Div., Cleveland, O.  
"Upson"  
Rhode Island Tool Co., Providence, R. I.  
Rockford Bolt & Steel Co., Rockford, Ill.  
Russell, Burdall & Ward Bolt & Nut Co., Port  
Chester, N. Y. "Empire"  
St. Louis Screw & Bolt Co., St. Louis, Mo.  
Sheffield Steel Corp., Sheffield Station, Kansas City,  
Mo. "Sheffield"  
Smith (Thos.) Co., Worcester, Mass.  
United Screw & Bolt Corp., 2513 W. Cullerton,  
Chicago, Ill.

**BOLTS, Tire—See Bolts, Stove and Tire**

# **BOLTS, Toggle**

Ackerman-Johnson Co., 625 W. Jackson Blvd., Chi-  
cago, Ill.  
Barrett Sales Co., 2612 Barry Av., Chicago, Ill.  
Bethlehem Steel Co., Bethlehem, Pa.  
Chicago Expansion Bolt Co., 126 S. Clinton, Chi-  
cago, Ill.  
Craftplug, Inc., 330 W. 42nd, New York, N. Y.  
"Crafttoggle"  
Diamond Expansion Bolt Co., 48 W. Broadway, New  
York, N. Y.  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Star Expansion Bolt Co., 147 Cedar, New York, N. Y.  
"Sebec," "Springin"  
Steward & Romaine Mfg. Co., 124 N. 6th, Phila.,  
Pa.  
U. S. Expansion Bolt Co., Inc., York, Pa. "Arrow"  
Wrigley (Thos.) Co., 609 W. Lake, Chicago, Ill.

# **BOLTS, "U"**

Ames (W.) & Co., 417 Communipaw Av., Jersey City,  
N. J.  
Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Clevel-  
and, O.  
Bethlehem Steel Co., Bethlehem, Pa.  
Buffalo Bolt Co., North Tonawanda, N. Y.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Daniel (Edward W.) Co., 4062 St. Clair Av., Clevel-  
and, O.  
Excelsior Tool & Mfg. Co., 881 E. 147th, New  
York, N. Y.  
Harrison Bolt & Nut Co., (Harrison), Newark, N. J.  
Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R.,  
Sterling, Ill.  
Line Material Co., South Milwaukee, Wis.  
Merrill Bros., Maspeth, N. Y.  
Neely Nut & Bolt Co., Pittsburgh, Pa.  
Ohio Nut & Bolt Co., Berea, O.  
Republic Steel Corp., Upson Nut Div., Cleveland, O.  
"Upson"  
Rockford Bolt & Steel Co., Rockford, Ill.  
St. Louis Screw Co., St. Louis, Mo.  
Standard Turnbuckle Co., Corry, Pa.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.

# **BOLTS, Wheel, Automobile**

Atlas Bolt & Screw Co., Cleveland, O.  
Buffalo Bolt Co., North Tonawanda, N. Y.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Russell, Burdall & Ward Bolt & Nut Co., Port  
Chester, N. Y. "Empire"

# ATKINS SILVER STEEL SAWS

## Atkins Silver Steel Saw No. 2000



**No. 2000** The last word in hand saws. Features new design apple handle with Perfection hang, bringing grip closer to blade and gravity center of saw. No protruding parts to break or rub hands. Uniformly tempered Silver Steel blade, light but stiff, taper ground, highly polished. 2 nicked screws and 1 medallion. Straight back, ship point. 26" length only.

## Atkins Silver Steel Saw No. 65



**No. 65** Best hand saw made for general carpentry. Straight back, ship point. Taper ground. Damaskeen polish. Smartly carved Perfection handle of apple wood. 26" length only. Regular pattern made in 20", 22", 24" and 26" lengths. (For skew back order No. 53.)

## Atkins Silver Steel Saw No. 51



**No. 51** A high-grade general purpose saw. Skew back and ship point. Taper ground. Straight block pattern handle of apple wood. 26" only. Regular pattern made in 20", 22", 24" and 26" lengths.

## Atkins Saw No. 59



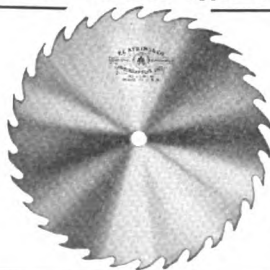
**No. 59** Best medium priced saw for all work. Skew back. Special Steel. Beech handle, varnished, with 3 nicked screws and 1 medallion. 26" length only. Regular pattern in 18", 20", 22", 24" and 26" lengths. No. 58 same except straight back.

## Atkins Silver Steel Back Saw No. 2



true. Finished apple wood handle.

**No. 2** Blade is tempered so that fine teeth will hold keen cutting edges. Blue spring steel back keeps blade 8" to 18" lengths.



## Atkins Circular Saws

Atkins Silver Steel Circular Saws are designed for all kinds of work . . . woodworking, work at home and metal cutting. Made in standard sizes for all portable bench machines. Filed and set ready for use.

## Atkins Silver Steel Compass Saw No. 9



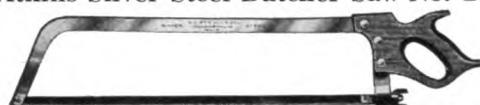
**No. 9** Hardened and tempered. 16 x 17 gauge; 9 point. Filed and set. Blade slotted and punched. Interchangeable Beech handle, carved and varnished. Made in 10", 12", 14" and 16" lengths.

## Atkins Silver Steel Nest of Saws No. 3



**No. 3** Three saws with the weight and space occupied by one. Consists of a key hole, compass and nail blade with hardwood adjustable handle. 12" key hole blade—14" compass blade—18" nail cutting blade.

## Atkins Silver Steel Butcher Saw No. 16



**No. 16** Removable blade. Easily adjusted. Rigid spring steel frame 1" x 3/4". Hardwood handle with 3 nicked screws. 3/4" pinned SILVER STEEL blades, 11 point. 16" to 30" lengths.

## Atkins No. 10 Easy Grip Hack Saw Frame



**No. 10** Hard rubber handle gives complete control of stroke, closed grip protects hands. Cold rolled steel nicked frame, 3/16" thick and 11/16" wide. 3" depth under back. Adjustable 8 to 12 inches.

## Atkins No. 11 Pistol Grip Hack Saw Frame



**No. 11** Hard rubber, non-breakable handle. Frame of extra strong steel, but light in weight. Nicked and highly polished. 3" depth under back. Adjustable 8" to 12".

## Atkins Silver Steel Hacksaw Blades



ATKINS SILVER STEEL "Blue End" Hacksaw Blades are unsurpassed for economical metal cutting and assured satisfaction. For those who like "moly" blades, Atkins Yellow End Molybdenum Blades are highest standard. (For ordinary work Atkins AAA Tungsten Alloy hacksaw blades are supreme.)

For further information write for our No. 21 Catalog

**E. C. ATKINS AND COMPANY**

410 S. Illinois St.

**INDIANAPOLIS, INDIANA**

**Branch Offices:**

Atlanta, Ga.  
Chicago, Ill.  
Memphis, Tenn.

New York, N. Y.  
New Orleans, La.  
Portland, Ore.

Los Angeles, Cal.  
San Francisco, Cal.  
Seattle, Wash.

Paris, France

Mention Hardware Age When Writing



# ATKINS SILVER STEEL SAWS



**Atkins New Silver Steel, Segment Ground, Blue End Saw No. 55**  
 No. 55 A new 4-cutter saw designed for expert loggers for hard and soft woods. Extra fine material, temper, workmanship. Hand-smithed blade. The fastest and smoothest cutting saw made. Stands hard sawing with little set. 14 x 16 x 20 gauge. 5 to 6½ foot lengths. (For the new 2-cutter, order No. 77.)



**Atkins Silver Steel, Segment Ground, Blue End Saw No. 51**  
 No. 51 A toothed-to-the-end Pacific Coast pattern particularly suited for cutting fir, western pine and similar woods. Lance-shaped teeth with extra long rakers and deep raker gullets. 13 x 15 x 17 gauge, 6 to 8 foot lengths. (For falling, order No. 52.)



**Atkins Original Tuttle Tooth Saws Nos. 330, 331, 332, and 332½**

No. 330 Best known general utility saws in the world. Special steel. No. 330 is 14 x 16 gauge; No. 331, the original thin back Tuttle Tooth, is 14 x 18 gauge; No. 332 is 14 x 19 gauge; No. 332½ is 14 x 20 gauge all thin back. 5 to 6½ foot lengths.

## No. 8 Handle

No. 8 Is 10½ inches long, high-grade beech. Loop of extra strong, high tensile strength steel, electric weld. Capacity, 4½ inches. Grey iron castings. Socket blue, blade washer yellow. Malleable nuts.

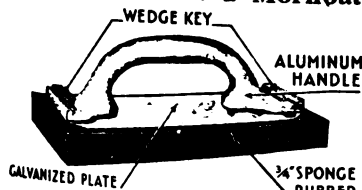


## No. 15 Trowel



No. 15 Feather-weight Trowel. Silver Steel, heat-treated, polished exceedingly smooth. Light flexible blade. Holds true edge and wears well. Forged aluminum mounting makes trowel light and easy to handle yet retains strength. Sanded curved lightwood handle, comfortable grip. 10" to 12" lengths.

## No. 1 Morfloat



to base with two wedge shaped keys. A lightweight tool with a good balance and feel. One size only.

No. 1 Porous spongy rubber block ¾" thick, vulcanized to galvanized iron base. Rubber base is of the correct porosity for good work. Well shaped aluminum handle fastened

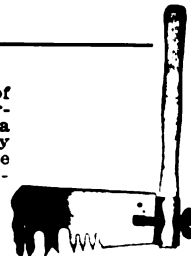


## Atkins Victor Electric Alloy Saw No. 225

No. 225 For bucking and chiefly used by farmers and occasional timber cutters. Uniformly tempered and taper ground. Wide perforated teeth. 14 x 20 x 16 gauge. 5, 5½ and 6 foot lengths. (Nos. 224, 226 and 228 are other widths in same grade.)

## No. 22 Handle

No. 22 Is 13½ inches long, of selected hickory. Thoroughly seasoned. Extra strong. Easily adjusted. Extra heavy malleable castings. Machine-made steel bolt. Large wings prevent castings from slipping. Blue trimmed.



## No. 100 Pruning Shear

### No. 100

Pruning Shear. Compact, durable and small, but large enough to prune small limbs with ease. Long cutting blade made of high grade alloy steel, tapered to a keen knife edge, strongly reinforced. Chrome plated to prevent rust. One size only. 3 other models.



## No. 40 Pruning Saw

No. 40 Pruner. Special steel, high grade. Tuttle tooth pattern. Extra fine temper, sharp teeth. Handle, seasoned beech, special pattern, fully lacquered and polished. We also manufacture a full line of all other popular pattern pruning saws.



For further information write for our No. 21 Catalog

E. C. ATKINS AND COMPANY

410 S. Illinois St.

INDIANAPOLIS, INDIANA

Branch Offices:

Atlanta, Ga.  
Chicago, Ill.  
Memphis, Tenn.

New York, N. Y.  
New Orleans, La.  
Portland, Ore.

Los Angeles, Cal.  
San Francisco, Cal.  
Seattle, Wash.

Paris, France

Mention Hardware Age When Writing

Digitized by Google

**BOLTS, Window**—See Bolts, Door and Window  
**BOLTS, WINDOW CLEANERS', SAFETY**—See Bolts, Safety, Window Cleaners  
**BOMBHELL WARNING TORCHES**—See Torches, Road, Warning  
**BONE CUTTERS**—See Cutters, Bone  
**BONE GRINDING MILLS**—See Mills, Bone Grinding

### BONES, Dog, Rubber

Barr Rubber Products Co., Sandusky, O.  
 Schavoir Rubber Co., Stamford, Conn.  
**BONING KNIVES**—See Knives, Butcher  
**BOOKCASE ADJUSTABLE BRACKETS**—See Brackets, Bookcase, Adjustable

### BOOKS, Children's, Cloth, Paint, Picture, Rhyme, Etc.

Donohue (M. A.) & Co., 701 S. Dearborn, Chicago, Ill.  
 Gabriel (Sam.) Sons & Co., 200 Fifth Av., New York, N. Y.  
 Harter Publishing Co., 2064 E. 71st, Cleveland, O.  
 McLoughlin Bros., Inc., Springfield, Mass.  
 Platt & Munk Co., Inc., 200 Fifth Av., New York, N. Y.  
 Reilly & Lee Co., Chicago, Ill.  
 Saalfield Publishing Co., Akron, O.  
 Stokes (Frederick A.) Co., 443 4th Av., New York, N. Y.  
 Volland (P. F.) Co., Joliet, Ill.  
 Western Printing & Litho. Co., Racine, Wis.  
 Whitman Publishing Co., Racine, Wis.  
 World Syndicate Pub. Co., 2231 W. 110th, Cleveland, O.

### BOOKS, Discount

Fasig, Henry, 37 Pardee Pl., East Haven, Conn.  
 "Ladd's"

### BOOKS, Fly

Frost (G. W.) & Sons, Stevens Point, Wis.  
 Horrocks-Ibbotson Co., Dept. S, Utica, N. Y.  
 Mills (Wm.) & Son, 21 Park Place, New York, N. Y.  
 Schartow Iron Products Co., Racine, Wis. "Sipco"  
 South Bend Bait Co., South Bend, Ind.

### BOOKS, Score, Rifle and Pistol

National Target & Supply Co., 1255 25th, N. W., Washington, D. C.

**BOOKS and CARDS, Price**—See Cards and Books, Price

### BOOMERANGS

Pacific Boomerange Co., 7462 Melrose Av., Hollywood, Cal.  
 Stemmler (L. S.) Co., Queens Village, L. I., N. Y.  
**BOOT AND SHOE CALKS**—See Calks, Boot and Shoe

### BOOTS, Hunting and Fishing

Arco Sport Shoe Corp., Marathon, N. Y.  
 Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.  
 Bass (G. H.) & Co., Wilton, Me.  
 Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"  
 Colt-Cromwell Co., Inc., Stoughton, Mass.  
 Goodrich (B. F.) Rubber Co., Akron, O.  
 Hodgman Rubber Co., Framingham, Mass.  
 Servus Rubber Co., Rock Island, Ill.  
 United States Rubber Co., Inc., 1230 6th Av., New York, N. Y.

### BOOTS, Leather, Mechanical

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Leather Parts Co., 1621 Prospect, Indianapolis, Ind.

### BOOTS, Ski

Arco Sport Shoe Corp., Marathon, N. Y.  
 Bass (G. H.) & Co., Wilton, Me.  
 Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"  
 Chippewa Shoe Mfg. Co., Chippewa Falls, Wis.  
 Hyde Athletic Shoe Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass.  
 Sawyer (R.J.) Inc., Bangor, Me.

### BORDERS, Flower Bed and Lawn

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American"  
 Brown (H. L.) Fence & Mfg. Co., Cincinnati, O. "Norwood"  
 Colorado Fuel & Iron Co., Denver, Colo. "Kokomo"  
 Continental Steel Corp., Kokomo, Ind. "Pioneer"  
 Cyclone Fence Co., Waukegan, Ill. "Red Tag"  
 Indiana Steel & Wire Co., Muncie, Ind. "Imperial"  
 Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
 Mid-States Steel & Wire Co., Crawfordsville, Ind. "Sterling"  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Peerless Wire Fence Co., Adrian, Mich.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.

Sectional Lawn Guard & Fence Co., Gallion, O. "Lawncop"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Standard Fence Co., Oakland, Cal.  
 Wickwire Spencer Steel Co., 509 Fifth Av., New York, N. Y.

### BORDERS, Rug, Felt Base

Armstrong Cork Co., Lancaster, Pa.  
 Carthage Mills, Inc., 124 W. 66th, Cincinnati, O.  
 Congoleum-Nairn, Inc., Kearney, N. J. "Crescent Seal," "Gold Seal"  
 Sloane-Blabon Corp., 295 Fifth Av., New York, N. Y. "Sloane-Blabon"

**BORDERS, Wire**—See Borders, Flower Bed

**BORER CONTROL GUNS**—See Guns, Borer Control

### BORERS, Bung Hole

Oram (John S.) Co., Cleveland, O.  
 Swan (Jas.) Co., Seymour, Conn.

### BORERS, Joist

Greenlee Tool Co., Rockford, Ill.

**BORING MACHINES, Hand**—See Machines, Boring, Hand

**BOTTLE BEVERAGE CARRIERS**—See Coolers, Bottle, Beverage

**BOTTLE BEVERAGE COOLERS**—See Coolers, Bottle, Beverage

**BOTTLE BEVERAGE ICERS**—See Coolers, Bottle, Beverage

**BOTTLE BRUSHES**—See Brushes, Bottle

**BOTTLE CAPPERS**—See Cappers, Bottle

**BOTTLE CAPPING MACHINES**—See Capping Machines

**BOTTLE CAPS**—See Caps, Bottle

**BOTTLE HOLDERS, Milk**—See Holders, Milk Bottle

**BOTTLE OPENERS**—See Openers, Bottle

**BOTTLE STOPPERS**—Stoppers, Bottle; also Caps, Bottle

### BOTTLES, Hot Water, Metal

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro," "Viko"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"

### BOTTLES, Insulated

(See also Jugs, Insulated)

Landers, Frary & Clark, New Britain, Conn. "Stanley"  
 National Mfg. Co., Des Moines, Ia.

### BOTTLES, Nursing

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Corning Glass Works, Corning, N. Y. "Pyrex"  
 Pyramid Rubber Co., Ravenna, O. "Evenflo," "Vita-flo"

### BOTTLES, Refrigerator

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Dispensor Valve Corp., 277 Pine, San Francisco, Cal. "Seel-Flo"  
 Hemingway Glass Co., Muncie, Ind.  
 Owens-Illinois Glass Co., Toledo, O. "Tiltop"

### BOTTLES, Vacuum

(See also Jugs, Vacuum)

Aladdin Industries, Inc., 223 W. Jackson Blvd., Chicago, Ill. "Aladdin Sani-Seal," "Hy-Lo"  
 American Thermos Bottle Co., Norwich, Conn. "Thermos," "Icy-Hot"  
 Landers, Frary & Clark, New Britain, Conn. "Columbia," "Universal"

**BOTTOMING TAPS**—See Taps, Machinist's, Hand

### BOTTOMS, Door, Draft Seal, Automatic

Chamberlin Metal Weatherstrip Co., Inc., 1254 La Brosse, Dept. HA, Detroit, Mich. "Door-Seal"  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. "In-A-Door"  
 Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
 Macklanburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"  
 Marshall Mfg. Co., 5716 Euclid Av., Cleveland, O.

Spanthers (A. J.) Co., 82 Tenth Av., N. E., Minneapolis, Minn. "Bed-Dor-Seals"

**BOW & ARROW SETS**—See Sets, Archery, Toy

**BOWL STRAINERS**—See Strainers, Jelly

**BOWLING BALL BAGS**—See Bags, Bowling Ball

**BOWLING BALLS**—See Balls, Bowling

**BOWLING CHALK**—See Chalk, Bowling

**BOWLING GAMES, Toy**—See Games, Bowling, Toy

**BOWLING SHOES**—See Shoes, Bowling

**BOWLS**—See Ware, Aluminum; also Ware, Enamelled; also Ware, Glass

**BOWLS, Chopping**—See Bowls, Wooden

### BOWLS, Ice, Vacuum

American Thermos Bottle Co., Norwich, Conn. "Thermos"  
 Landers, Frary & Clark, New Britain, Conn.  
 Manning, Bowman & Co., Meriden, Conn.

### BOWLS, Mixing

(See also Bowls, Woodem)

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro," "Viro"  
 Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Bellaire Enamel Co., Bellaire, O. "Beco"  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
 Logan Pottery Co., Logan, O.  
 Morton Pottery Co., Morton, Ill.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Rome Mfg. Co., Div. Revere Brass & Copper, Inc., Rome, N. Y.  
 United States Stamping Co., Moundsville, W. Va.  
 Universal Potteries, Inc., Cambridge, O. "Oxford"  
 Vollrath Co., Sheboygan, Wis.  
 Weller (S. A.) Co., Zanesville, O.

### BOWLS, Watering, Cow

Clay Equipment Corp., Cedar Falls, Ia. "Even-Flo"  
 Drew Line Co., Fort Atkinson, Wis.  
 Franklin Equipment Co., Monticello, Ia.  
 Gardner Mfg. Co., Horicon, Wis. "Ideal"  
 Heller-Aller Co., Napoleon, O.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Ideal Barn Equipment Co., Horicon, Wis.  
 James Mfg. Co., Fort Atkinson, Wis. "James Automatic"  
 Libbey (C. A.) Co., Oshkosh, Wis.  
 Louden Mch. Co., Fairfield, Ia. "Economy," "Mastermade"  
 Milwaukee Hay Tool Co., Milwaukee, Wis. "Leader"  
 Mitchell Mfg. Co., Milwaukee, Wis.  
 Ney Mfg. Co., Canton, O.  
 Novelty Iron Wks., Sterling, Ill. "Sterling"  
 Olson Mfg. Co., Albert Lea, Minn.  
 Rochester Barn Equipment Co., Rochester, N. Y. "Rochester"  
 Sargent, Osgood & Roundy, Randolph, Vt.  
 Starline, Inc., Harvard, Ill.  
 Swett (A. L.) Iron Works, Medina, N. Y.  
 West Bend Equipment Co., West Bend, Wis.  
 Western Steel & Iron Wks., DePue, Wis. "Q-D"  
 Wisconsin Stable Equipment Co., Oconomowoc, Wis. "Cooney"

### BOWLS, Watering, Hog

Quinn Wire & Iron Works, Boone, Ia.  
 Starline, Inc., Harvard, Ill.

### BOWLS, Wooden

Almo Trading & Importing Co., Inc., 8 W. 18th, New York, N. Y. (Imported)  
 Astle, W. G., 18 Penfield, Buffalo, N. Y. "Hy-Tool" (With Knife)  
 Cooke-Roberts Corp., Orange, Mass.  
 Oval Wood Dish Corp., Tupper Lake, N. Y.  
 Piqua Munising Wood Products Co., Cleveland, O.  
 Robinhood Wood Products, Inc., 1259 E. 83rd, Los Angeles, Cal. "Robinhood Ware"  
 Stoware, Inc., Stowe, Vt.

**BOX CHISELS**—See Chisels, Box

**BOX CONNECTORS**—See Fittings, Flexible Metallic Conduit; also Fittings, Threaded Conduit

**BOX CORNERS**—See Corners, Box

**BOX FASTENERS**—See Fasteners, Box

**BOX HANGERS**—See Hangers, Outlet Box

**BOX HINGES**—See Hinges, Box

**BOX HOOKS**—See Hooks, Cotton, Box, Hay, Etc.

**BOX LOCKS**—See Locks, Box

**BOX OPENERS**—See Openers, Crate

**BOX SCRAPERS**—See Scrapers, Box

**BOX STRAPPING**—See Strapping, Box Steel

**BOX STRAPPING TIGHTENERS**—See Tighteners, Box Strapping

**BOX STRAPPING TOOLS**—See Tools, Box Strapping

**BOX TRUCKS**—See Trucks, Hand

**BOX WEDGES**—See Wedges, Box

**BOX WRENCHES**—See Wrenches, Box

**BOXERS BANDAGES**—See Bandages, Boxers

**BOXES, Bait**—See Boxes, Fishing Tackle

**BOXES, Bond**—See Boxes, Cash

### BOXES, Bread and Cake

Bellaire Enamel Co., Bellaire, O. "Beco"  
 Carrollton Metal Products Co., Carrollton, O. "Cake Saver"  
 Elbs (Jno. G.), Rochester, N. Y. (Folding)  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Home Comfort Co., St. Paul, Minn.  
 Kremer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
 Lawson (F. L.) Co., Cincinnati, O. "Lawco"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

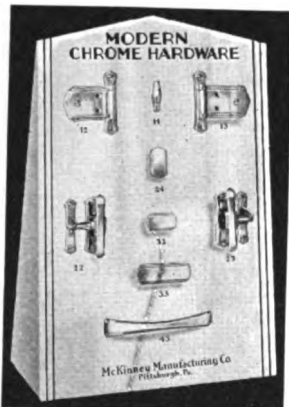
# McKINNEY

HINGES . . . . .  
FORGED IRON . . . . .  
CABINET HARDWARE . .  
GARAGE HARDWARE . .

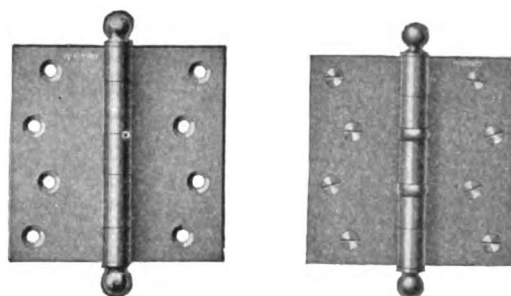
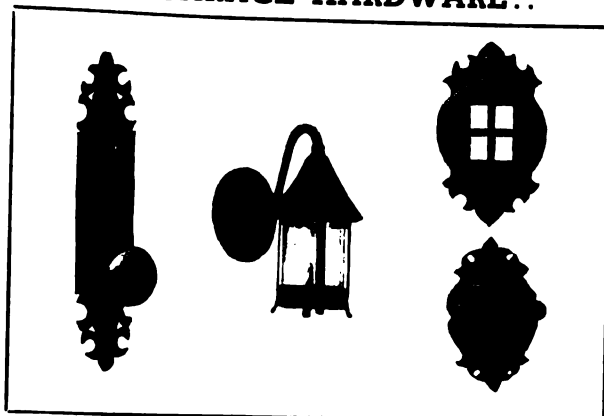
## FORGED IRON

A complete line of authentic reproductions in six attractive patterns enable you to sell McKinney Forged Iron for interiors as well as exteriors . . . and at a cost that compares favorably with any *good* hardware. Replenish your stock now and display **GENUINE FORGED IRON BY McKINNEY.**

## MODERN CHROME HARDWARE

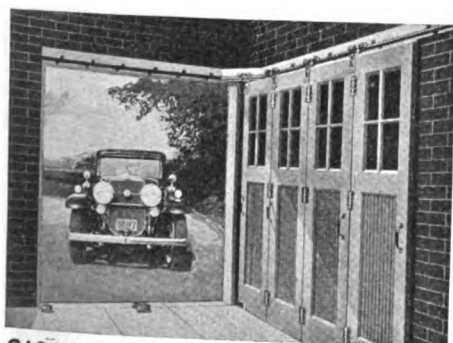


McKinney Cabinet Hardware is a **TOP QUALITY** line. All wood screws are **BRASS** (not steel) and **CHROME PLATED** (not nickel plated). Even the pins in the hinges are **BRASS** (not steel). A non-rusting metal base gives it *freedom from tarnish*. Heavy chrome plate gives it *lasting beauty*. Deliveries available from stock.



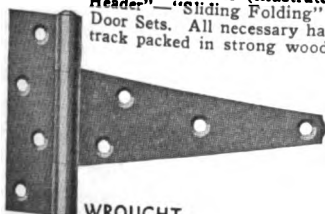
## WROUGHT BRONZE, BRASS & STEEL BUTT HINGES

Furnished in all the standard finishes and available with either plain joints or with bearings. They are manufactured in light, regular and extra heavy weight for interior and exterior use. Bearing butts optional; ball bearings or the new Oilite bearings.



## GARAGE HARDWARE

The McKinney Line of Garage Hardware includes "Around the Corner" **THREE** and **FOUR** Door Sets (illustrated)—"Under the Header"—"Sliding Folding" and "Swinging" Door Sets. All necessary hardware including track packed in strong wooden box.



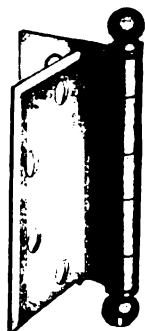
## WROUGHT STEEL TEE HINGES

Made in various sizes and weights. Our catalog gives complete specifications or ask jobber's salesman to give data from his catalog pages.



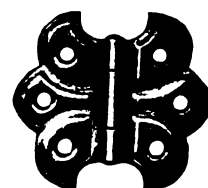
## WROUGHT STEEL STRAP HINGES

Complete range of sizes and weights for every conceivable purpose.



## WROUGHT STEEL HALF AND FULL SURFACE HINGES

For wood doors with wood jambs. Only door jambs need to be mortised, beveled leaf fastened to surface of door.



## PLATED WROUGHT STEEL FULL SURFACE ORNAMENTAL HINGES

Used principally for hanging doors in cupboards, bookcases, china closets and light cabinet work.



## WROUGHT STEEL HASPS

Strong safety hasp especially suitable for use on garages, barns, stables, implement sheds and other out-buildings.

**JOBBER'S NOW HAVE  
COMPLETE STOCKS**

**McKINNEY MANUFACTURING CO.**

General Offices & Plant, Pittsburgh, Pa.

District Offices in NEW YORK—CHICAGO—SAN FRANCISCO

DEPENDABLE HARDWARE BY McKINNEY



# Look... For ADDED SALES and PROFIT

## TO THE POPULAR SOUTHINGTON LINE

SOUTHINGTON offers a thoroughly dependable line of tools and threaded parts that you can count on for continued sales to satisfied customers. Backed by over seventy years of experience in hardware manufacture, the name SOUTHINGTON offers definite assurance of quality merchandise that builds sales and profits. It will pay you to write for SOUTHINGTON'S latest catalogs which describe and illustrate completely the entire line.

### DRESSERS and CUTTERS

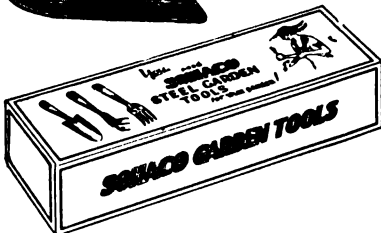


### MISCELLANEOUS

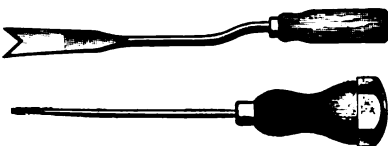


Handy Type  
Masons' Trowels

**HANDY GARDEN TOOLS**  
*All Styles*



**ICE PICKS**  
*with  
Ground Points*



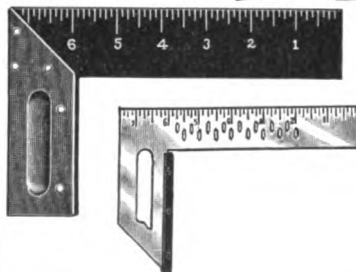
### MECHANICS' TOOLS



**STEEL  
SQUARES**  
**ALL  
STYLES**

*Also*  
**Take Down  
SQUARES**

**A Large Line of  
BEVELS  
and  
TRY SQUARES**



### PHILLIPS

**RECESSED HEAD  
SELF CENTERING  
WOOD SCREWS**

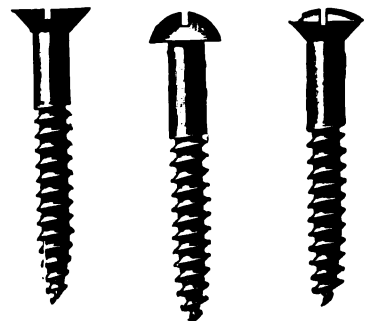


**SHEET  
METAL SCREWS**



**STOVE BOLTS**

### REGULAR SLOTTED WOOD SCREWS



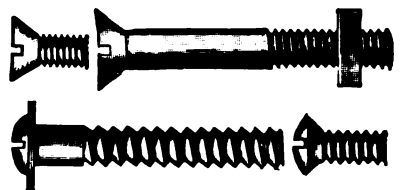
**DRIVE SCREWS**



**SELF TAPPING SCREWS  
FOR METAL**



**STOVE BOLTS**  
**Miscellaneous Screws**



**THE SOUTHINGTON HARDWARE CO.**

**1867**

**SOUTHINGTON, CONN.**

**1940**

*Mention Hardware Age When Writing*

**BOXES, Bread and Cake (Continued)**

Owens-Illinois Can Co., Toledo, O.  
Peoria Metal Specialty Co., Peoria, Ill.  
Pittsburgh Tinware Mfg. Co., Pittsburgh, Pa.  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
Wright Accessories, Inc., 40 W. 26th, New York, N. Y.

**BOXES, Cake—See Boxes, Bread and Cake**

**BOXES, Cartridge**

Brauer Bros., Inc., St. Louis, Mo.  
Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"

**BOXES, Cash and Document**

Armstrong Products Corp., Huntington, W. Va.  
Bemis & Call Co., Springfield, Mass. "Sesamee"  
Durham Mfg. Co., Durham, Conn.  
Erie Art Metal Co., Erie, Pa.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
Gilbert (Walter B.) & Co., York, Pa.  
Hamilton Metal Products Co., Hamilton, O. "Climax"  
Kramer (A.), Inc., 307 Kent Ave., B'klyn, N. Y.  
Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Master"  
Meilink Steel Safe Co., Toledo, O.  
Merriam Mfg. Co., Durham, Conn.  
Metal Products Corp., 510 First Av., West Haven, Conn. "Par-Plus"  
Patent Novelty Co., Inc., Fulton, Ill.  
Smith (J. O.) Mfg. Co., Middletown, Conn.

**BOXES, Conduit**

Appleton Electric Co., Chicago, Ill.  
Austin (M. B.) Co., Chicago, Ill.  
Crouse-Hinds Co., Syracuse, N. Y.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Jefferson Electric Co., Bellwood, Ill.  
Jenkins Mfg. Co., Bloomfield, N. J.  
National Electric Products Corp., Pittsburgh, Pa.

**BOXES, Egg**

(See also Carriers, Egg)

Chicago Mill & Lumber Co., Chicago, Ill.  
Doane Carton Co., St. Louis, Mo.  
Dry Fruit Box Mfg. Co., Dyer, Tenn.  
East End Sheet Metal Co., Cleveland, Ohio (Parcel)  
Hoelt Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
Russell Box Co., Chelsea, Mass.  
Safety Carton & Container Co., 1406 Bedford, Ind. "Continental"  
Smeed Box Co., Cleveland, O.

**BOXES, Electric Service, Cut Out, Junction, Fuse, Outlet, Switch, Etc.**

Adams (Frank) Electric Co., St. Louis, Mo.  
Adapti Co., Cleveland, O.  
All-Steel Equip. Co., Inc., Aurora, Ill.  
Appleton Electric Co., Chicago, Ill.  
Arrow-Hart & Hegeman Electric Co., Hartford, Conn. "H. & H."  
Austin (M. B.) Co., Chicago, Ill.  
Cole Electric Products Co., 43-06 Crescent, Long Island City, N. Y.  
Cott's Patent Fire Arms Mfg. Co., Hartford, Conn. "Noark"  
Columbia Metal Box Co., 260 E. 148d, New York, N. Y.  
Crouse-Hinds Co., Syracuse, N. Y.  
Ival Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
Electrical Engineers Equipment Co., Melrose Park, Ill.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Gilette-Vibber Co., New London, Conn.  
Harvard Electric Co., Chicago, Ill.  
Hedges-Walsh-Weidner Co., Chattanooga, Tenn.  
Kee (F. D.) Mfg. Co., Beatrice, Neb.  
Kirk & Blum Mfg. Co., Cincinnati, O.  
Leonard Electric Mfg. Co., Cleveland, O.  
Metropolitan Device Corp., 1250 Atlantic Av., B'klyn, N. Y.  
National Electric Products Corp., Pittsburgh, Pa.  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Pax & Seymour, Inc., Solvay, N. Y.  
Steel City Electric Co., Findlay, O. "Porcelet"  
Thomas & Betts Co., Elizabeth, N. J.  
Trembull Electric Mfg. Co., Plainville, Conn.  
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.  
Wordack (Wm.) Electric Mfg. Co., St. Louis, Mo.

**BOXES, Food, Chick—See Feeders, Poultry, Chick**

**BOXES, Fishing Tackle**

Armstrong Products Corp., Huntington, W. Va.  
Hamilton Metal Products Co., Hamilton, O. "Climax"  
Johnson's (Jas.) Sons, Dowagiac, Mich.  
Schroeder (J. J.) Co., Logansport, Ind.  
Schroeder-Ibbotson Co., Dept. S, Utica, N. Y.  
Sweeney Mfg. Co., Van Wert, O.  
Trembull Electric Mfg. Co., Plainville, Conn.  
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.  
Wordack (Wm.) Electric Mfg. Co., St. Louis, Mo.

Merriam Mfg. Co., Durham, Conn.  
Outing Mfg. Co., Elkhart, Ind.  
Penn Metal Ware Co., Wilkes-Barre, Pa. "Old Pal"  
Sherman-Klove Co., 3535 W. 47th, Chicago, Ill. "Hobart," "Spilproof"  
South Bend Bait Co., South Bend, Ind.  
Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City," "My Buddy"  
Union Steel Chest Corp., Le Roy, N. Y. "Utilco"  
Walton Products Co., 4444 W. Chicago Av., Chicago, Ill. "Arrowhead," "Waltonian"  
Yarder Mfg. Co., Toledo, O.

**BOXES, Flower**

Arterete Products Co., Upper Darby, Pa. "Arterete"  
Coyne & Delany Co., 830 Kent Av., Bklyn., N. Y. "Rockit"  
Express Body Corp., Crystal Lake, Ill.  
Fiske (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
Gem Mfg. Corp., Bascom, O.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Majestic Co., Huntington, Ind.  
Metal Products Corp., 49 Chestnut, Weehawken, N. J.  
National Box & Can Co., 4131 Bway, Av., Cleveland, O.  
Powell Pressed Steel Co., Hubbard, O.  
Rochester Can Co., Rochester, N. Y.  
Rustic Crafts Co., Inc., 389 E. 165th, New York, N. Y.  
Savo Mfg. Co., 1400 Merchandise Mart, Chicago, Ill. "Savo"  
Schartow Iron Products Co., Racine, Wis. "Sipco"  
Success Mfg. Co., Gloucester, Mass.  
Wallace & Gale Co., 115 S. Gay, Baltimore, Md.

**BOXES, Fly**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
American Aluminum Ware Co., 374 Jelliff Av., Newark, N. J.  
DeWitt (Bill) Baits, Div. Shoe Form Co., Inc., Auburn, N. Y. "Pyra-Shell"  
Havallite Products Co., Rochester, N. Y.  
Millsite Steel & Wire Works, Inc., Howell, Mich. "Millsite Daisy"  
Outing Mfg. Co., Inc., Elkhart, Ind.  
Penn Metal Ware Co., Wilkes-Barre, Pa.  
Shoff Fishing Tackle Co., Kent, Wash.  
South Bend Bait Co., South Bend, Mich.

**BOXES, Folding—See Boxes, Paper, Folding**

**BOXES, Grit, Poultry**

Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
Hoelt Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
Klein Mfg. Co., Burlington, Ia.  
Mit-Shel Stamping Mfg. Co., Quincy, Ill.  
Reliable Incubator & Brooder Co., Quincy, Ill.  
Royal Mfg. Co., Bowling Green, O. "Royal"  
Sexton Can Co., Everett, Mass.

**BOXES, Ice, Picnic**

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Durham Mfg. Co., Muncie, Ind. "Duplex"  
Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill. "Pik-Nik-Pak"  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
McGrew Machine Co., Lincoln, Nebr. "Lincoln Kitchenette"  
Metal Industries, Inc., 908 Senate Av., Indianapolis, Ind. "All American" (Insulated)  
North Star Specialty Mfg. Co., Minneapolis, Minn. "Re-Ly-O"  
Perfection Mfg. Co., St. Louis, Mo.  
Peoria Metal Specialties Co., Peoria, Ill.  
Polaron Products, Inc., 55 Av. E., New Rochelle, N. Y. "Puramia"  
Prentiss Waters Products Co., Wisconsin Rapids, Wis. "Preway"

**BOXES, Knife & Fork—See Trays, Knife & Fork**

**BOXES, Lunch**

Aladdin Industries, Inc., 223 W. Jackson Blvd., Chicago, Ill.  
American Thermos Bottle Co., Norwich, N. Y. "Thermos," "Icy-Hot"  
Geuder, Paeschke & Frey Co., 342 N. 15th, Milwaukee, Wis.  
Hamilton Metal Products Co., 58 W. Exchange, Hamilton, O.  
Handy-Andy Specialty Co., Inc., 39-40 22nd, Long Island City, N. Y.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis.  
Penn Metal Ware Co., 32 Columbia Av., Wilkes-Barre, Pa.  
Schlueter Mfg. Co., 4616 N. B'way, St. Louis, Mo. "De Luxe"

**BOXES, Mail, Apartment**

Art Brass & Plating Wks., Seattle, Wash.  
Auth Electrical Specialty Co., Inc., 422 E. 53rd, New York, N. Y.  
Columbia Metal Box Co., 260 E. 143rd, New York, N. Y.  
Connecticut Telephone & Electric Co., Meriden, Conn. "United"  
Corbin Cabinet Lock Co., New Britain, Conn.  
Couch (S. H.) Co., North Quincy, Mass.  
Cross (L. P.) Mfg. Co., Gary, Ind.

Dayton Pattern & Mfg. Co., Dayton, O.  
Edwards & Co., Norwalk, Conn.  
Florence Mfg. Co., Inc., 6018 South State, Chicago, Ill.  
Keil (Francis) & Son, 401 E. 163d, New York, N. Y. "Keillon"  
Keyless Lock Co., Indianapolis, Ind.  
Kolstad Mail Box Co., 210 Garfield Av., Duluth, Minn.  
Ne Page McKenny Co., Seattle, Wash.  
Pryne & Co., Los Angeles, Cal.  
Standard Electric Mfg. Co., Chicago, Ill.  
United Metal Box Co., 168-tth, B'klyn, N. Y.  
Welch (H.) Co., El Paso, Texas.

**BOXES, Mail, Built-in**

American Device Mfg. Co., Red Bud, Ill.  
Dayton Pattern & Mfg. Co., Dayton, O. "Inawall"  
Kolstad Mail Box Co., 210 Garfield Av., Duluth, Minn.  
Majestic Co., Huntington, Ind. "Majestic"  
Master Mail Box Mfg. Co., 6829 Lyndale Av., So. Minneapolis, Minn. "Master"  
Northwestern Mail Box Co., St. Louis, Mo. "Through-the-Wall"  
Patent Novelty Co., Fulton, Ill.  
Penn-Greg Mfg. Co., 1115 Hennespin Av., Minneapolis, Minn. "Mailo"

**BOXES, Mail, Glass**

Collins (Geo. F.) & Co., Sapulpa, Okla. "Visible"

**BOXES, Mail, House**

Armstrong Products Corp., Huntington, W. Va.  
Champion Hdwe. Co., Geneva, O.  
City Plating & Mfg. Co., St. Louis, Mo.  
Clewey Mfg. Co., Cleveland, O.  
Collins (Geo. F.) & Co., Sapulpa, Okla. "Visible"  
Corbin Cabinet Lock Co., New Britain, Conn.  
Forest City-Walworth Run Foundries Co., Cleveland, O.  
General Hardware Mfg. Co., 16 Warren, New York, N. Y. "Aluminum," "Colonial"  
Griswold Mfg. Co., Erie, Pa.  
Hamilton Metal Products Co., Hamilton, O. "Climax"  
Jaden (F.) Mfg. Co., Hastings, Neb. "Golden Rod"  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Kolstad Mail Box Co., 210 Garfield Av., Duluth, Minn.  
Lovell (F. H.) & Co., Arlington, N. J.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Metal Products Corp., 510 First Av., West Haven, Conn. "Par-Plus"  
Michigan Metal Products Co., Battle Creek, Mich. "Storm Proof"  
National Hardware Co., 8630 103rd Av., Ozone Park, N. Y. "National"  
Northwestern Mail Box Co., St. Louis, Mo. "Carrier's Friend," "Economy," "Letter Perfect"  
Outing Mfg. Co., Elkhart, Ind.  
Patent Novelty Co., Inc., Fulton, Ill. "Camera," "Imperial Mailtainer," "Mailmaster," "Tudor Mailtainer"  
Phoenix Hdwe. Mfg. Co., Buffalo, N. Y.  
Steel Stamping Co., Lorain, O.  
Yearke Metal Products Co., Buffalo, N. Y.  
Walfred Mfg. Co., 1531 S. Wisconsin, Racine, Wis. "Quintuplet"

**BOXES, Mail, Rural**

Adams Co., Dubuque, Ia.  
Belse Mfg. Co., Pine Island, Minn.  
Cincinnati Pump Mfg. Co., Cincinnati, O.  
Coulston Brundage & Co., La Harpe, Ill.  
Deshler Mail Box Co., Deshler, O. "No. 1"  
Hopson (W. C.) Co., Grand Rapids, Mich. "Standard"  
Madewell Mfg. Co., Oakland, Cal.  
Milcor Steel Co., Milwaukee, Wis.  
Northwest Metal Products, Inc., Seattle, Wash.  
Northwestern Mail Box Co., St. Louis, Mo. "Carrier's Friend"  
Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
Schmid Bros., Lancaster, Pa.  
Superior Churn & Mfg. Co., Northville, Mich. "Storm Proof"  
Superior Sheet Metal Works Co., 3201 Roosevelt Av., Indianapolis, Ind.

**BOXES, Match**

Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Newton Mfg. Co., Newton, Ia.  
Patent Novelty Co., Inc., Fulton, Ill. "Fulton"

**BOXES, Mitre**

Alaska Freezer Co., Winchendon, Mass. "Gem"  
Baker, McMillen Co., Akron, O. "Mitre Kit"  
Manumotors Co., Manitowoc, Wis. "Kawalle"  
Millers Falls Co., Greenfield, Mass.  
National Specialties Co., Inc., 1902 Howell, Fort Wayne, Ind. "Miterite"  
Nicholls Mfg. Co., Ottumwa, Ia. "True"  
Rockford Mitre Box Co., Rockford, Ill. "Honeycomb"  
Stanley Tools Div. Stanley Works, New Britain, Conn.  
Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escaco"  
Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo.  
Union Hardware Co., Torrington, Conn. "Perfection"

**BOXES, Mortar Mixing**

Buch Mfg. Co., Elizabethtown, Pa.  
 Cleveland Wire Spring Co., E. 38th & Hamilton  
 Av., Cleveland, O.  
 Halter (Jacob) Sons Co., 2604 Walton Av., Cleve-  
 land, O. "Halter"  
 Harry (O. K.) Steel Co., 2337 Papin, St. Louis, Mo.  
 "Okay"  
 Jackson Mfg. Co., Harrisburg, Pa.  
 Littleford Bros., 449 E. Pearl, Cincinnati, O.  
 Metal Products Corp., 49 Chestnut, Weehawken, N. J.  
 Milcor Steel Co., Milwaukee, Wis. "Milcor"  
 Mohawk Asphalt Heater Co., Frankfort, N. Y.  
 "Mohawk"  
 Swett (A. L.) Iron Wks., Medina, N. Y.

**BOXES, Paper, Folding**

Advance Paper Box Co., St. Louis, Mo.  
 Brooks & Porter, Inc., 304 Hudson, New York, N. Y.  
 Burt (F. N.) Co., 514 Seneca, Buffalo, N. Y.  
 Container Corp. of America, Chicago, Ill.  
 Dayton Paper Novelty Co., Dayton, O.  
 Gair (Robert) Co., Inc., 420 Lexington Av., New  
 York, N. Y.  
 Marathon Paper Mills Co., Rothschild, Wis.  
 Scharff-Koken Mfg. Co., St. Louis, Mo.  
 U. S. Paper Goods Co., Cincinnati, O.  
 United Paperboard Co., 171 Madison Av., New  
 York, N. Y.  
 Whitney & Co., Inc., Leominster, Mass.

**BOXES, Salt, Spice, Etc.**

Columbia Can Co., Madison, St. Louis, Mo.  
 Kreamer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
 Sefton National Fibre Can Co., St. Louis, Mo.  
 Sneath Glass Co., Hartford City, Ind.  
 United States Glass Co., Pittsburgh, Pa.  
 U. S. Stamping Co., Moundsville, W. Va. (Salt)

**BOXES, Sand**

American-Acme Co., Emigsville, Pa.  
 Cuyahoga Lumber Co., Cleveland, O.  
 Garton Toy Co., Sheboygan, Wis.  
 Gendron Wheel Co., Toledo, O.  
 General Playground Equipment, Inc., Kokomo, Ind.  
 Kiddie Gym Corp., Elizabeth, N. J.  
 Medart Co., St. Louis, Mo.  
 Arch-Horne Co., 25 W. B'way, New York, N. Y.  
 Pratt Corp., Coldwater, Mich.

**BOXES, Shelf, Hardware**

Berger Mfg. Co., Div. Republic Steel Corp., Can-  
 ton, O. "Berloy"  
 Green Co., 159 Chambers, New York, N. Y.  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Lyon Metal Products, Inc., 136 Madison Av., Au-  
 rora, Ill.  
 Manufacturing Equipment & Engineering Co.,  
 Framingham, Mass.  
 Warren (J. D.) Mfg. Co., Montpelier, O.  
**BOXES, Shell—See Boxes, Cartridge**  
**BOXES, Spice—See Boxes, Salt, Spice, Etc.**

**BOXES, Tool**

(See also Chests, Tool)

All-Steel Equip Co., Inc., Aurora, Ill.  
 Aurora Equipment Co., Aurora, Ill. "Equipto"  
 Boelter (F. W.) Mfg. Co., Chicago, Ill.  
 Gerstner (H.) & Sons, Dayton, O.  
 Graves (W. L.), Hatfield, Mass.  
 Hamilton Metal Products Co., Hamilton, O. "Ch-  
 max," "Minute-Man"  
 Heddon's (Jas.) Sons, Dowagiac, Mich. "Heddon-  
 Outing"  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago,  
 Ill.  
 Kalamazoo Steel Goods Co., Kalamazoo, Mich.  
 "Hodges Never Lock"  
 Kirk & Blum Mfg. Co., Cincinnati, O.  
 Lyon Metal Products, Inc., 136 Madison Av., Au-  
 rora, Ill.  
 McGraw Machine Co., Lincoln, Neb. "Lincoln"  
 Marion Machine, Fdry. & Supply Co., Marion, Ind.  
 Master Metal Products, Inc., 291 Chicago, Buffalo,  
 N. Y. "Master"  
 Metal Products Corp., 49 Chestnut, Weehawken,  
 N. J.  
 Outing Mfg. Co., Elkhart, Ind.  
 Sherman-Klove Co., Chicago, Ill. "Spillproof"  
 Steel Craft Co., 865 Osborn, Burlington, Ia.  
 Stratton & Terstege Co., Louisville, Ky. "Falls  
 City," "Handy"

**BOXES, Tote, Steel**

All-Steel Equip. Co., Aurora, Ill.  
 Berger Mfg. Co., Div. Republic Steel Corp., Can-  
 ton, O. "Berloy"  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
 Av., Phila., Pa.  
 Case Crane & Kilbourne Jacobs Co., Columbus, O.  
 Clark (Geo. P.) Co., Windsor Locks, Conn.  
 Cleveland Wire Spring Co., Cleveland, O.  
 Edwards Mfg. Co., Cincinnati, O.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Kirk & Blum Mfg. Co., Cincinnati, O.  
 Lyon Metal Products Co., 136 Madison Av., Aurora,  
 Ill.  
 Mullins Mfg. Corp., Salem, O.  
 New Britain Mach. Co., New Britain, Conn.  
 Wall (P.) Mfg. Supply Co., Pittsburgh, Pa.  
 Warren (J. O.) Mfg. Co., Montpelier, O.  
**BOXING GLOVES—See Gloves, Boxing**  
**BOXWOOD RULES—See Rules, Boxwood**  
**BOY SCOUT AXES—See Axes, Boy Scout, Forged  
 Steel**

**BOY SCOUT KNIVES—See Knives, Hunting; also  
 Knives, Pocket****BOYS' AXES—See Axes, Single and Double Bit,  
 Forged, Steel****BRACE EXTENSIONS, BIT—See Extensions, Bit  
 Brace****BRACES, Bit**

Fleming (J. P.), Inc., Worcester, Mass. "Flemco"  
 Millers Falls Co., Greenfield, Mass.  
 North Bros. Mfg. Co., N. E. Cor. American and  
 Lehigh Av., Phila., Pa. "Yankee"  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto," "Samson"  
 Ritter-Carlton Co., Inc., 373 4th Av., New York,  
 N. Y.  
 Stanley Tools, Div. Stanley Works, New Britain,  
 Conn.

**BRACES, Bit, Corner**

Millers Falls Co., Greenfield, Mass.  
 Stanley Tools Div. Stanley Works, New Britain,  
 Conn.

**BRACES, Chair and Bed**

Buckeye Glide Co., 131 E. 23rd, New York, N. Y.  
 "All-Chain," "Buckeye All-Chain"  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
 Av., Phila., Pa.  
 DeBoer Mfg. Co., Syracuse, N. Y. "Chairstay"  
 Merwin Mfg. Co., Erie, Pa.  
 Wittliff Furniture Brace Co., 4810 Lorain Av.,  
 Cleveland, O.

**BRACES, Corner—See Irons, Braces, Corner****BRACES, Door, Screen**

Arcade Mfg. Co., Freeport, Ill. "Non-Sag"  
 Champion Hdw. Co., Geneva, O. "Jiffy"  
 Daniel (Edward W.), 4062 St. Clair Av., Cleveland,  
 O. "Anti-Sag," "Giant," "Wizard"  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 "Micklin Dual"  
 Everedy Co., Frederick, Md.  
 Frantz Mfg. Co., Sterling, Ill.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Kees (F. D.) Mfg. Co., Beatrice, Neb.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R.,  
 Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Parker Wire Goods Co., Worcester, Mass.  
 Sharon Hdw. Mfg. Co., Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Snyder (F. Edw.), Massillon, O. "Anti-Sag"  
 Stanley Wks., New Britain, Conn.

**BRACES, FURNITURE—See Braces, Chair & Bed****BRACES, Garage Door**

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-o-  
 Krat"  
 Champion Hardware Co., Geneva, O.  
 Daniel (Edward W.), 4062 St. Clair Av., Cleveland,  
 O. "Supreme"  
 Harper (H. M.) Co., Chicago, Ill.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R.,  
 Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 Parker Wire Goods Co., Worcester, Mass.  
 Prutton (D. H.) Tool Works, 5295 W. 130th,  
 Cleveland, O.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Stanley Wks., New Britain, Conn.  
 Wagner Mfg. Co., Cedar Falls, Ia.

**BRACES, Leg, Table**

Alto Mfg. Co., Chicago, Ill.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
 Av., Phila., Pa.  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 "Micklin Dual"  
 Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
 Stanley Wks., New Britain, Conn.

**BRACES, Partition**

Bucabel Tool Mfg. Co., Inc., 220 Adams, Bklyn.,  
 N. Y.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn.,  
 N. Y.  
 National Tool Co., 90 Walker, New York, N. Y.

**BRACES, Push**

North Bros. Mfg. Co., N. E. Cor. American and  
 Lehigh Av., Phila., Pa. "Yankee"

**BRACES, Trench and Timber**

Templeton, Kenly & Co., 1020 S. Central Av., Chi-  
 cago, Ill. "Simplex"

**BRACES, Wood, Floor, Beam**

Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y.  
 "3-TY"

**BRACKETS, Bookcase, Adjustable**

Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
 Av., Phila., Pa.  
 Garden City Plating & Mfg. Co., Chicago, Ill.  
 "Garco"  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
 "Acme," "Ideal," "Peerless," "Victor"  
 Warren (J. D.) Mfg. Co., Montpelier, O.

**BRACKETS, Flower Pot**

Embro Mfg. Co., Canton, O. "Sunny Spot"  
 Penn Hdw. Co., Reading, Pa.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Washburn Co., Worcester, Mass.

**BRACKETS, Hand or Stair Rail**

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-o-  
 Krat"  
 Barrows Lock Wks. of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, Bklyn.,  
 N. Y.  
 Champion Hardware Co., Geneva, O.  
 Corbin (P. & F.), New Britain, Conn.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Hart & Cooley Mfg. Co., New Britain, Conn.  
 Harvard Lock Co. of New York, Inc., 114 Worth,  
 New York, N. Y.  
 Ives (H. B.) Co., New Haven, Conn.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R.,  
 Sterling, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Reading Hardware Corp., Reading, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Sager Lock Wks. of Yale & Towne Mfg. Co., No. Chi-  
 cago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Skillman Hardware Mfg. Co., Trenton, N. J.  
 Stearns (E. C.) & Co., Syracuse, N. Y.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**BRACKETS, Insulator, Wood**

Hurt & Co., Ferrum, Va.

**BRACKETS, Ladder, Safety**

Advance Equipment Mfg. Co., 4617 W. Chicago Av.,  
 Chicago, Ill.  
 Ajax Building Bracket Co., 1551 Rydal Mount Rd.,  
 Cleveland Heights, O. "Ajax"  
 Babcock W.W.I. Co., Bath, N. Y. "Seaman"  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, Bklyn.,  
 N. Y.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
 Av., Phila., Pa.  
 Clark (J. R.) Co., Minneapolis, Minn.  
 Davenport Ladder Co., Davenport, Ia.  
 Flint (A. W.) Co., New Haven, Conn.  
 Moulton Ladder Mfg. Co., Somerville, Mass.  
 Newark Ladder & Bracket Mfg. Co., Inc., 317  
 Springfield Av., Newark, N. J.  
 Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O.  
 Smith (Landon P.), Inc., 180 Coit, Irvington, N. J.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Young (J. O.) Co., Springfield, Mass.

**BRACKETS, Lamp, House, Etc.**

Arcade Mfg. Co., Freeport, Ill.  
 Flske (J. W.) Iron Wks., 78 Park Pl., New York,  
 N. Y.  
 Penn Hdw. Co., Reading, Pa.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Stratton & Terstege Co., Inc., Mfg. Div., Louis-  
 ville, Ky. "Falls City"  
 Timberlake (J. B.) & Sons, Jackson, Mich. "Zenith"

**BRACKETS, Pole, Curtain**

Alto Mfg. Co., Chicago, Ill.  
 Bay State Stamping Co., Worcester, Mass. "Bennett"  
 Gould-Mersereau Co., Inc., 189 Lexington Av., New  
 York, N. Y.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Kenney Mfg. Co., Cranston, R. I. "Drapewell"  
 Kirach Co., Sturgis, Mich.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 Winsted Hdw. Mfg. Co., Winsted, Conn.

**BRACKETS, Pole, Flag**

Enterprise Mfg. Co. of Phila., 3rd & Dauphin,  
 Phila., Pa. "Enterprise," "Star"  
 Gould-Mersereau Co., Inc., 189 Lexington Av., New  
 York, N. Y.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middle-  
 town, Conn. "Ineeda"  
 Wrightsville Hdw. Co., Wrightsville, Pa.

**BRACKETS, Radiator**

Ackermann Mfg. Co., Wheeling, W. Va.  
 Crawford Co., 3220 W. 31st, Chicago, Ill.  
 Grinnell Co., Inc., 200 W. Exchange, Providence,  
 R. I.  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Smith (H. B.) Co., Westfield, Mass.

**BRACKETS, Rafter**

Badger Malleable & Mfg. Co., South Milwaukee, Wis.  
 Farley & Loetscher Mfg. Co., Dubuque, Ia.  
 Loudon Machy Co., Fairfield, Ia.  
 Myers (F. E.) & Bro. Co., 903 Church, Ashland, O.  
 Starline, Inc., Harvard, Ill.  
 Steel Scaffolding Co., Evansville, Ind.  
 Young (J. O.) Co., Springfield, Mass.

**BRACKETS, Roofing**

Acme Scaffold Co., Inc., 168 Nostrand Av., Bklyn.,  
 N. Y.  
 Ajax Building Bracket Co., 1551 Rydal Mount Rd.,  
 Cleveland Heights, O. "Ajax," "Hook," "Junior,"  
 "Midget"



# SENSATIONAL RESPONSE

## PLYMOUTH'S NEW MERCHANDISING PLAN INCREASES ROPE SALES EVERYWHERE!

The greatest selling plan in rope history—right now tinkling the cash registers of many dealers who have put it to work—is offered to you, too. If you are interested in increasing your rope sales—and profits—it will certainly pay you to investigate!



ELECTRIC  
CLOCK



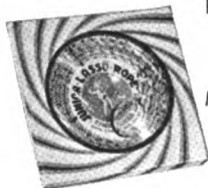
2 BIG KNOT CHARTS



BY-THE-FOOT  
PRICE CALCULATOR



WINDOW SIGN



FREE  
MERCHANDISE

BOOKLETS



COLORFUL "OLD  
SALT" WINDOW  
DISPLAY WITH 5  
SIDE PANELS

### AMAZING SALES REPORTED!

Sales increases of 50, 75 and even 150% have been reported to Plymouth from enthusiastic dealers. They're using—and profiting with—the Plymouth Sales-Maker shown here. Just think! With the Sales-Maker alone Plymouth guarantees you at least a 25% increase in your rope sales! You pay \$7.50—one-half the cost to Plymouth—for this Sales-Maker. But in addition to this Sales-Maker, Plymouth now gives you a wealth of free merchandising helps, plus Powerful, National Advertising to more than 4 Million Farmers! Every advertisement directs rope customers in your locality to see you! This is the most helpful dealer plan in the history of rope merchandising.

**GET IN THE SWING!** Don't delay! Send the coupon below and start new customers coming into your store! Send it today.

THIS  
WAY TO  
PROFIT!

PLYMOUTH  
SALES-MAKER  
The greatest  
Rope Selling  
device ever  
invented.

**PLYMOUTH**  
THE ROPE YOU CAN TRUST



Plymouth Cordage Company, North Plymouth, Massachusetts  
Without any obligation on my part, I want to know details about the  
1940 Plymouth Rope Merchandising Plan for dealers.

# ALLEN

## HOLLOW SCREW ASSORTMENTS

For easy stocking and easy selling, these over-the-counter Assortments "sample" the screws to your customers, the mechanics in factories and service establishments, on farms and in home workshops. They start *new users* of hollow screws coming to you for regular quantity purchases—which carry a nice profit at retail.

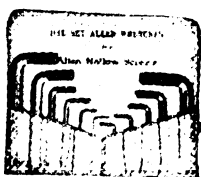


### BOXED ASSORTMENT

Metal compartment box; contains 590 set screws, from No. 10 to  $\frac{3}{8}$ " with keys to fit. Diagram inside of cover lists sizes of screws and wrenches contained in box. No. 602; list price \$33.80.

### SET SCREW ASSORTMENT (with Keys)

Used in tool cribs, shops, service stations, garages and for domestic appliances. Popular sizes up to  $\frac{3}{8}$ ". No. 608; list price \$8.18.



### JUNIOR KEY KIT

Seven short-arm Allen Keys are included in this strong leather envelope (right). They fit the hex holes of sizes Nos. 8, 10,  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{7}{16}$ " and  $\frac{1}{2}$ " set screws and Nos. 4, 5, 6, 8, 10, also  $\frac{1}{4}$ " and  $\frac{5}{16}$ " cap screws. No. 604; List price \$0.50.



### KEY ISLAND

This handy key set (left) contains 14 keys fitting all sizes of set screws up to and including  $\frac{1}{4}$ "; cap screws up to 1"; shoulder screws to  $\frac{3}{4}$ " and pipe plugs to 1". The container is plainly labeled to show the correct size key to use with each screw. No. 615; list price \$2.35.

### NORMALIZED KEY SET

This handy kit (left) contains a complete set of 11 short arm normalized hexagonal keys which fit all screws up to  $\frac{1}{4}$ "—set in diameter. No. 603; list price \$1.75.



The above sets and assortments are made up primarily and especially for the hardware trade, to be ordered through your Hardware Wholesaler.

**THE ALLEN MFG. COMPANY**  
HARTFORD, CONN. U. S. A.

# MORSE

## QUALITY

### Helps You Compete!

THE craftsman or workman who buys twist drills from your store is looking for tools that will give him maximum service. Isn't it reasonable that you'll give him maximum satisfaction if you limit your drill offerings to Morse? They are the tools that have proved their worth in years of use on Industry's hardest high-production jobs.



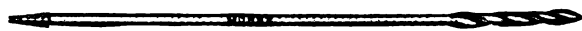
**No. 330 STRAIGHT SHANK DRILL**  
of selected carbon steel.



**No. 340 STRAIGHT SHANK WIRE DRILL**  
Carbon steel.



**No. 392 WOOD DRILL FOR BRACE**  
Designed for free, rapid cutting of any wood.



**No. 393 ELECTRICIANS' BIT BRACE DRILLS**

• • •

Cutters, Taps, Dies, Reamers, Drills, Counterbores, Screw Plates, Arbors, Chucks, Mandrels, Taper Pins, Sockets, Sleeves.

**ORDER FROM YOUR JOBBER**

**MORSE** *THERE IS A DIFFERENCE*

**TWIST DRILL & MACHINE COMPANY**  
NEW BEDFORD, MASS., U. S. A.

• • •

NEW YORK STORE: 130 LAFAYETTE STREET  
CHICAGO STORE: 570 WEST RANDOLPH ST.

**BRACKETS, Roofing (Continued)**

Flint (A. W.) Co., New Haven, Conn.  
Hubby Brothers, Inc., Roselle, N. J. "Everlasting"  
Moulton Ladder Mfg. Co., Somerville, Mass.  
Sloan, George, 1125 E. State, Rockford, Ill.  
Stanley Tools Div. Stanley Works, New Britain, Conn.  
Steel Scaffolding Co., Evansville, Ind. "Trouble-Saver"  
Wagner Mfg. Co., Cedar Falls, Ia.  
Young (J. O.) Co., Springfield, Mass.

**BRACKETS, Saw Horse**

Basic Co., Bridgeport, Conn.  
Crane Packing Co., 1809 Cuyler Av., Chicago, Ill. "Bronco"  
Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
Morris Mfg. Co., Inc., Syracuse, N. Y.  
Wagner Mfg. Co., Cedar Falls, Ia.

**BRACKETS, Scaffold**

Acme Scaffold Co., Inc., 168 Nostrand Av., Bklyn., N. Y.  
Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
Ajax Building Bracket Co., 1551 Rydal Mount Rd., Cleveland Heights, O. "New Idea" "Universal"  
Clark (J. R.) Co., Minneapolis, Minn.  
Cleveland Steel Spec. Corp., 3767 E. 91st, Cleveland, O.  
Flint (A. W.) Co., New Haven, Conn.  
Gabriel Steel Co., Detroit, Mich.  
Hubby Brothers, Inc., Roselle, N. J. "Everlasting"  
Moulton Ladder Mfg. Co., Somerville, Mass.  
Newark Ladder & Bracket Mfg. Co., Inc., 317 Springfield Av., Newark, N. J.  
Reliable Jack Co., Dayton, O.  
Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O.  
Richards-Wilcox Mfg. Co., Aurora, Ill. "R-W"  
Steel Scaffolding Co., Evansville, Ind. "Trouble-Saver"  
Tilley (John S.) Ladders Co., Inc., Watervliet, N. Y.  
Wagner Mfg. Co., Cedar Falls, Ia.  
Young (J. O.) Co., Springfield, Mass.  
Youngs Wrought Iron Wks., Rochester, N. Y.

**BRACKETS, Shade—See Rollers and Fixtures, Shade**

**BRACKETS, Shelf**

(See also Supports, Shelf; also Rests, Shelf)  
American Cabinet Hdw. Corp., Rockford, Ill. "Amerock"  
Atlas-Ansonia Co., New Haven, Conn.  
Autrey Co., Oakville, Conn.  
Brimmer Mfg. Co., East Rochester, N. Y.  
Champion Hardware Co., Geneva, O.  
Dent Hdw. Co., Fullerton, Ill.  
Framis Mfg. Co., Sterling, Ill.  
Garden City Plating & Mfg. Co., 1430 S. Talman Av., Chicago, Ill.  
Grand Rapids Brass Co., Grand Rapids, Mich.  
Griffin Mfg. Co., Erie, Pa.  
Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O. (Adjustable)  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Lawrence Bros., Sterling, Ill.  
Logan Co., Louisville, Ky.  
Marshall Mfg. Co., 5716 Euclid Av., Cleveland, O.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Miller Specialties Co., Van Wert, O. (Radiator)  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Lock Co., Rockford, Ill.  
Ponson Metal Mfg. Co., East Stroudsburg, Pa.  
Reading Hdw. Corp., Reading, Pa.  
Reliable Mfg. Co., New Haven, Conn.  
Reliable Metal Novelty Co., 13 W. 26th, New York, N. Y.  
Russell (Jao. M.) Mfg. Co., Inc., Naugatuck, Conn.  
Sole Padlock & Hdw. Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Sharon Hdw. Mfg. Co., Sharon, Pa.  
Stanley Wks., New Britain, Conn.  
United Wire Goods Mfg. Co., 1150 Bway., New York, N. Y. "Ivory"  
Warren (J. D.) Mfg. Co., Montpelier, O. (Adjustable)

**BRACKETS, Shingling**

Acme Scaffold Co., Inc., 168 Nostrand Av., Bklyn., N. Y.  
Ajax Building Bracket Co., 1551 Rydal Mount Rd., Cleveland Heights, O. "Ajax," "Hook," "Junior," "Kicker"  
Hubby Brothers, Inc., Roselle, N. J. "Everlasting"  
Moulton Ladder Mfg. Co., Somerville, Mass.  
Newark Ladder & Bracket Mfg. Co., Inc., 317 Springfield Av., Newark, N. J.  
Shim Co., Fanwood, N. J.  
Sloan, George, 1125 E. State, Rockford, Ill.  
Steel Scaffolding Co., Evansville, Ind.  
Wagner Mfg. Co., Cedar Falls, Ia.  
Young (J. O.) Co., Springfield, Mass.

**BRACKETS, Show Case**

Garden City Plating & Mfg. Co., Chicago, Ill. "Sentry"  
Greene (G. G.) Mfg. Co., Warren, Pa.  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
Morris Mfg. Co., Inc., Syracuse, N. Y.  
Wagner Mfg. Co., Cedar Falls, Ia.  
Young (J. O.) Co., Springfield, Mass.

National Lock Co., Rockford, Ill.  
Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
Warren (J. D.) Mfg. Co., Montpelier, O.  
Woodworkers Hdw. Mfg. Co., Chicago, Ill.

**BRACKETS, Sign**

Kalamazoo Steel Goods Co., Kalamazoo, Mich.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

**BRACKETS, Sink**

American Foundry & Mfg. Co., St. Louis, Mo.  
American Scale Co., Kansas City, Mo.  
Avondale Stove & Fdry. Co., Birmingham, Ala.  
Bignall Co., Medina, N. Y.  
Central Foundry Co., 386 4th Av., New York, N. Y.  
Griffin Mfg. Co., Erie, Pa.  
Hedges-Walsh-Weldner Co., Chattanooga, Tenn.  
Kupferle (John C.) Foundry Co., St. Louis, Mo.  
Modern Iron Wks., Quincy, Ill. "M. I. W."  
Penn Hdw. Co., Reading, Pa.  
Scovill Mfg. Co., Plumbers Brass Goods Div., Waterville, Conn.  
Stanley Wks., New Britain, Conn.  
Swett (A. L.) Iron Works, Medina, N. Y.

**BRACKETS STAIR RAIL—See Brackets, Hand or Stair Rail**

**BRACKETS, Table**

Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
Greene (G. G.) Mfg. Co., Warren, Pa.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.

**BRACKETS, Venetian Blind**

Lorentzen Hardware Mfg. Corp., 391 W. Bway., New York, N. Y.  
Venetian Blind Corp., 3447 E. 24th, Los Angeles, Cal. "Air-Lite"

**BRACKETS, Ventilator, Window**

Atkinson Mfg. Co., Ludington, Mich.  
Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
Ideal Ventilator Co., 160 Atlantic Av., Providence, R. I.  
Oxford Tool Co., 1633 N. 2nd, Phila., Pa.

**BRACKETS, Wall**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn. (Porcelain)  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
National Stamping & Electric Wks., Chicago, Ill.  
Pass & Seymour, Inc., Syracuse, N. Y. (Porcelain)  
Paulding (John I.), Inc., New Bedford, Mass. (Porcelain)  
United States Hardware & Mfg. Co., Pawtucket, R. I.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**BRAD AWLS—See Awls, Brad**

**BRADS**

(See also Nails; also Tacks)  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Bethlehem Steel Co., Bethlehem, Pa.  
Cedarburg Wire & Wire Nail Co., Cedarburg, Wis.  
Colorado Fuel & Iron Co., Denver, Colo.  
Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
Cross (W. W.) & Co., Inc., East Jaffrey, N. H.  
Eastern Nail & Supply Co., Inc., Providence, R. I.  
Illinois Nail Co., Chicago, Ill.  
Kokomo Nail & Brad Co., Kokomo, Ind.  
La Belle Iron Wks., Steubenville, O.  
National Lock Co., Rockford, Ill.  
Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
Republic Steel Corp., Republic Bldg., Cleveland, O.  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Stronach Nail Co., Pittsburgh, Pa. (Non-Splitting)  
Tower Mfg. Co., Madison, Ind.  
Townsend Co., New Brighton, Pa.  
Turner & Seymour Mfg. Co., Torrington, Conn. (Brass)  
Turner & Stanton Co., Norwich, Conn.  
Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"  
Wickwire Bros., Cortland, N. Y.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
Youngstown Steel Products Co., Youngstown, O.

**BRAIDED CORD—See Cord, Sash; also Lines, Clothes**

**BRAKES, Coaster Bicycle**

Eclipse Mach. Co., Elmira, N. Y. "Morrow"  
Musselman Hub-Brake Co., 6227 St. Clair Av., Cleveland, O. "Musselman"  
New Departure Mfg. Co., Bristol, Conn.

**BRAKES, Fore-Wheel, Bicycle**

Arnold, Schwinn & Co., 1718 N. Kildare Av., Chicago, Ill. "Schwinn"

**BRAKES, Reel, Fishing**

Enterprise Mfg. Co., Dept. HA, Akron, O.

**BRANDING IRONS—See Brands, Burning**  
**BRANDING KITS—See Kits, Branding**

**BRANDS, Burning**

Adams (S. G.) Co., 411 N. 6th, St. Louis, Mo.  
Bernz (Otto) Co., Inc., Rochester, N. Y. "Always Reliable"  
Co-operative Stamp Wks., 116 Hale Av., B'klyn, N. Y.  
Dickey Grabler Co., 10298 Madison Av., Cleveland, O.  
Everhot Mfg. Co., Flothow & St. Charles, Maywood, Ill.  
Hanson (C. H.) Co., 303 W. Erie, Chicago, Ill.  
Hoggon & Pettis Mfg. Co., New Haven, Conn.  
Inter-Mountain Stamp Wks., 240 E. 2nd S., Salt Lake City, Utah.  
Knight (H. W.) & Son, Seneca Falls, N. Y.  
Murdock Stamp & Specialty Co., Cincinnati, O.  
Noble & Westbrook Mfg. Co., East Hartford, Conn.  
Sheridan Iron Wks., Inc., Sheridan, Wyo.  
Spencer (S. M.) Mfg. Co., 3 Cornhill, Boston, Mass.  
Stafford (N.) Co., 53d & First Av., B'klyn, N. Y.  
Stortz (John) & Son, 210 Vine, Phila., Pa.

**BRANDS, Burning, Electric**

Electric Soldering Iron Co., Inc., Deep River, Conn. "Esico"  
Hexacon Electric Co., 161 W. Clay Av., Roselle Park, N. J. "Hex-A-Con"  
Vulcan Electric Co., 600 Broad, Lynn, Mass.  
**BRASS BOLTS—See Bolts, Brass**  
**BRASS BURS—See Burrs, Copper and Brass**  
**BRASS CASTINGS—See Castings, Brass, Bronze, Etc.**  
**BRASS CHAINS—See Chain, Brass or Bronze**  
**BRASS CHECKS—See Checks, Brass**

**BRASS and COPPER, Sheet and Rod**

American Brass Co., Waterbury, Conn. "Anaconda"  
American Smelting & Refining Co., San Francisco, Cal. (Copper)  
Bridgeport Brass Co., Bridgeport, Conn. "Ledrite"  
Bristol Brass Co., Bristol, Conn.  
Chase Brass & Copper Co., Waterbury, Conn.  
Clendenin Bros., 110 South, Baltimore, Md.  
Federated Metals Corp., Chicago, Ill.  
Hussey (C. G.) & Co., Pittsburgh, Pa.  
Michigan Copper & Brass Co., Detroit, Mich. "Wolverine"  
New Haven Copper Co., Seymour, Conn.  
American Nickeloid Co., Peru, Ill. (Chrome Copper)  
Revere Copper & Brass, Inc., 230 Park Av., New York, N. Y.  
Scovill Mfg. Co., Waterbury, Conn.  
Seymour Mfg. Co., Seymour, Conn.  
Waukesha Foundry Co., Waukesha, Wis.  
Western Cartridge Co., Dept. 50, East Alton, Ill.  
Winchester Brass & Copper Co., Winsted, Conn.

**BRASS DOLL BEDS—See Beds, Doll**  
**BRASS DOWEL PINS—See Pins, Dowel, Brass**  
**BRASS FAUCETS—See Faucets, Brass**  
**BRASS FERRULES—See Ferrules, Brass and Copper**  
**BRASS HAMMERS—See Hammers, Brass**  
**BRASS KETTLES—See Kettles, Brass**  
**BRASS KNOBS—See Knobs, Door, Brass**  
**BRASS NUTS—See Nuts, Brass; also Nuts, Hexagon, Brass**  
**BRASS PIPE—See Tubing, Brass; also Pipe, Brass and Copper**  
**BRASS RAILING—See Railing, Pipe, Iron, Brass and Bronze**  
**BRASS RINGS—See Rings, Brass**  
**BRASS RIVETS—See Rivets, Brass**  
**BRASS RULES—See Rules, Brass**  
**BRASS SCREWS—See Screws, Brass**  
**BRASS SHEETS—See Brass & Copper, Sheet & Rod**  
**BRASS SIGNS—See Signs, Metal**  
**BRASS TACKS—See Tacks, Brass**  
**BRASS TUBING—See Tubing, Brass**  
**BRASS VALVES—See Valves, Check, Stop, Etc.**  
**BRASS WASHERS—See Washers, Brass**  
**BRASS WIRE—See Wire, Brass**  
**BRASS WIRE CLOTH—See Cloth, Wire, Aluminum, Black, Brass, Copper, Galvanized, Etc.**  
**BRAITICE CLOTH—See Cloth, Brattice**  
**BRAZING TORCHES—See under Torches**  
**BREAD BOARDS—See Boards, Bread**  
**BREAD BOXES—See Boxes, Bread**  
**BREAD CRUMBERS—See Crumbers, Bread**  
**BREAD CUTTERS—See Cutters, Bread**  
**BREAD GRATERS—See Graters, Vegetable, Etc.**  
**BREAD KNIVES—See Knives, Bread**  
**BREAD MIXERS—See Mixers, Bread**  
**BREAD PANS—See Pans, Bread & Cake**  
**BREAD SLICERS—See Cutters, Bread**  
**BREAKDOWN SCOOPS—See Scoops, Breakdown**

**BREAKERS, Ice**

Alaska Freezer Co., Inc., Winchendon, Mass.  
Colebrookdale Iron Co., Boyertown, Pa. "Double"  
Iwan Bros., South Bend, Ind.  
Micro-Westco, Inc., Bettendorf, Ia.  
North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Lightning," "New Rapid"  
Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.  
Stortz (John) & Son, 210 Vine, Phila., Pa.



## THE PRODUCT

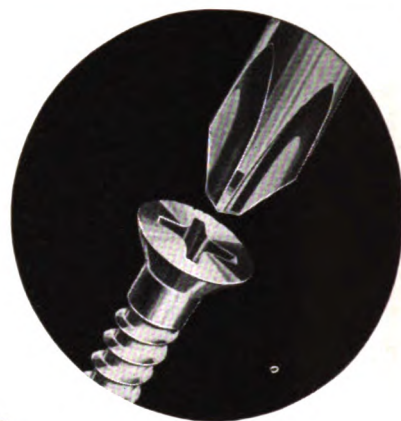


*the Lowly Screw becomes*

# A BIG - PROFIT ITEM

when you handle **American PLUS SCREWS**

More profit on screws — quicker turnover on screws — and a brand new OPPORTUNITY TO SELL DRIVERS — because American PLUS Screws have sales appeal of easier driving, more holding power, no accidents!



## THE POLICY 100 YEARS OF FAIR DEALING—climaxes with this profit-making policy on American PLUS Screws.

1. American Screw Company will see to it that your customers learn about the advantages of American PLUS Screws through advertising in many magazines.
2. American Screw Company and its licensees will never undersell you direct to the consumer.
3. American Screw Company is investing in tested promotional material enabling you to get more screw and power driver business.

## THE PROMOTION



Advertising in **TIME** and many other magazines tells America about the advantages of the Phillips recessed head screws.



Folders and envelope stuffers designed for various types of customers

**AMERICAN SCREW COMPANY**  
PROVIDENCE, RHODE ISLAND

Branch offices at 1847 W. Bethune Street, Detroit, 219 West Randolph St., Chicago. Pacific Coast representative: Osgood & Howell. (Also: Reading Screw Co., Norristown, Pa., Division American Screw Co.)

**AMERICAN PLUS SCREWS**  
*with the patented PHILLIPS recessed head*



U. S. Patents on Product and Methods Nos. 2,046,843; 2,084,079; 2,090,338. Other Domestic and

2,046,837; 2,046,839; 2,046,840; 2,082,085; 2,084,078; Foreign Patents Allowed and Pending

**GAINS TIME**

**GUIDES DRIVER**

**GUARDS WORK**

**MACHINE SCREWS**

Slotted head and Phillips recessed head

**SHEET METAL SCREWS**

**WOOD SCREWS**

**STOVE BOLTS**

and a complete line of allied fastening devices

Tire Bolts, Sink Bolts, Elevator Bolts, Stove Rods, Thumb Screws

Square Nuts, Hexagon Nuts, Wing Nuts, Cap Nuts, Escutcheon Pins

Mention Hardware Age When Writing



**BREAKERS, Ice Cube**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J. "Acme"  
 Alaska Freezer Co., Inc., Winchendon, Mass.  
 Apex Products Corp., 142 W. 24th, New York, N. Y. "Clip Clop"  
 Bridgeport Castings Co., Bridgeport, Conn. "Duo-Krush"  
 Conco Engineering Wks., Mendota, Ill. "Husky"  
 Dasey Churn & Mfg. Co., 4301 Warner Av., St. Louis, Mo. "Dasey"  
 Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
 National Die Casting Co., 600 N. Albany Av., Chicago, Ill. "National"  
 North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Lightning"  
 Rival Mfg. Co., 307 Westport Rd., Kansas City, Mo. "Ice-O-Mat"  
 Schulte Brass Mfg. Co., Highland Av., Norwood, O. "Master"  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Union Die Casting Co., Ltd., 2269 E. 51st, Los Angeles, Cal. "Igloo"  
 Viking Products Co., Akron, O. "Ice Master"  
**BREAST CHAINS—See Chains, Breast**  
**BREAST DRILLS—See Drills, Breast**

**BREEDERS SUPPLIES**

Dana (C. H.) Co., West Lebanon, N. H.  
**BRICK BARROWS—See Wheelbarrows, All Types and Classifications**  
**BRICK CHISELS—See Chisels, Brick**  
**BRICK CLAMPS—See Clamps, Brick**  
**BRICK DRILLS—See Drills, Brick**  
**BRICK HAMMERS—See Hammers, Bricklayers**  
**BRICK HODS—See Hods, Mortar and Brick**  
**BRICKLAYERS BEADERS—See Tools, Beading**  
**BRICKLAYERS HAMMERS—See Hammers, Bricklayers, Forged Steel**  
**BRICKLAYERS SCUTCHESS—See Scutchees, Bricklayers**  
**BRICKLAYERS SETS—See Sets, Bricklayers**  
**BRICK PAINTS—See Paints, Cement, Concrete, Brick, Etc.**  
**BRICK STAINS—See Stains, Brick, Cement, etc.**  
**BRICK WALL ANCHORS—See Anchors, Stone & Brick Wall**

**BRICKS, Fire**

Laclede-Christy Clay Products Co., 411 N. 7th, St. Louis, Mo. "Furnaseal," "Hearthmix" (For oil Burners & Stokers)

**BRICKS, Heat**

Chicago Flexible Shaft Co., 5600 Roosevelt Rd., Chicago, Ill. "Clark"

**BRICKS, Rubbing**

Akins (E. C.) & Co., Indianapolis, Ind.  
 Behr-Manning Corp., Troy, N. Y.  
 Bera Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Beron."  
 "Berax"  
 Carborundum Co., Niagara Falls, N. Y. "Carborundum"  
 Sterling Grinding Wheel Co., Tiffin, O. "Sterlith," "Sterbon"

**BRICKS, Salt**

Belmont Salt Brick Co., 2 Lent Av., Le Roy, N. Y. "Keystone"  
 Eastman Stock Remedy Co., Chattanooga, Tenn.  
 Dickinson (J. Q.) & Co., Malden, W. Va.  
 Robertson Mfg. Co., Inc., Atlanta, Ga.  
 Soto Salt Co., Inc., Union Springs, N. Y. "Roto"

**BRICKS and STICKS, Abrasive**

Behr-Manning Corp., Troy, N. Y.  
 Bera Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Beron."  
 "Berax"  
 Carborundum Co., Niagara Falls, N. Y.  
 Sterling Grinding Wheel Co., Westfield, Mass.  
 Westfield Grinding Wheel Co., Westfield, Mass.  
 "Worms"  
 Abrasive Co., 184 S. Second, Milwaukee, Wis.

**BRIDGE BUILDERS WRENCHES—See Wrenches, Bridge Builders****BRIDLE BITS—See Bits, Bridle****BRIDLE RINGS—See Harness and Saddlery, Hardware****BRIDLES—See Harness and Saddlery****BRIGHT & BRASS WIRE GOODS**

(See also article desired)  
 Brooks (M. S.) & Sons, Chester, Conn.  
 "Chas. O." Co., Av. G. & C. & N. W. R.R., Springfield, Ill.  
 Lawrence Bros., Sterling, Ill.  
 Wire Goods Co., Worcester, Mass.  
 "Worms"  
 Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
**BROOD THERMOMETERS—See Thermometers, Hot Water and Brine**

**BRIQUETTES, Charcoal**

American Briquet Co., 1417 Sansom, Phila., Pa.  
 Berger Bros., 1186 N. Cherry Av., Chicago, Ill.  
 Ford Motor Co., By-Product Div., Dearborn, Mich. "Ford"  
 Tennessee Eastman Corp., Kingsport, Tenn.

**BROILERS**

Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
 Consolidated Novelty Co., Inc., 22-12 40th Av., Long Island City, N. Y. "Broil-O-Pan"  
 Gatch Wire Goods Co., 801 Buren, Baltimore, Md.  
 Grand Rapids Wire Products Co., Grand Rapids, Mich.  
 Griawold Mfg. Co., Erie, Pa.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Hamlin Metal Products Co., 58 W. Exchange, Akron, O. "Baconcrisp"  
 Health-Maid, Inc., Cleveland, O.  
 Katzing (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Kewaskum Aluminum Co., Kewaskum, Wis. "No-smok"  
 Malleable Steel Range Mfg. Co., South Bend, Ind. "South Bend Malleable" (Gas and Charcoal)  
 Miller (Wm.) Range & Furnace Co., Cincinnati, O.  
 Moore Enameling & Mfg. Co., West Lafayette, O. "Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
 Parcit Mfg. Co., Bridgeport, Conn.  
 Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Perfection"  
 Racine Iron & Wire Wks., Racine, Wis.  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Sexton (S. B.) Stove & Mfg. Co., Baltimore, Md.  
 Union Steel Products Co., Albion, Mich. "All Purpose"  
 U. S. Mfg. Corp., Decatur, Ill. "Broillette," "Fryette"  
 United Steel & Wire Co., Battle Creek, Mich.  
 Wagner Mfg. Co., Sidney, O.  
 Washburn Company, Worcester, Mass. "Natwire"  
 West Bend Aluminum Co., West Bend, Wis.

**BROILERS, Camp**

(See also Grates, Camp)  
 Elkhart Iron Wks., 2040 So. Main, Elkhart, Ind. "Porto-Grill"  
 Fostoria Pressed Steel Corp., Fostoria, O.  
 Grand Rapids Wire Products Co., Grand Rapids, Mich.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O. "Bestway"  
 Majestic Co., Huntington, Ind. "Broilaster"  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Master"  
 Michigan Wire Goods Co., Niles, Mich. "Androck"  
 Red-E Co., Columbus, O.  
 Royal Mfg. Co., Bowling Green, O. "Broilaster"  
 Star Products, Inc., 15105 Darwin Av., Cleveland, O. "Wee"  
 United Steel & Wire Co., Battle Creek, Mich.  
 Washburn Co., Worcester, Mass.

**BROILERS, Charcoal**

American Brake Shoe & Fdry. Co., 230 Park Av., New York, N. Y. "Charco-Grill"  
 Eclipse Metal Mfg. Co., Eden, N. Y.  
 Elkhart Iron Wks., 2040 So. Main, Elkhart, Ind. "Porto-Grill"  
 Fostoria Pressed Steel Corp., Fostoria, O.  
 Genesee Park Equipment Co., Eden, N. Y. "Genesee"  
 Hancock Iron Works, Pontiac, Mich.  
 Majestic Co., Huntington, Ind. "Broilaster"  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Master"  
 Michigan Wire Goods Co., Niles, Mich. "Androck"  
 Royal Mfg. Co., Bowling Green, O. "Broilaster"  
 Star Products, Inc., 15105 Darwin Av., Cleveland, O.  
 Wolf Appliance Corp., 42-33 12th, Long Island City, N. Y.

**BROILERS, Electric**

Chef-Master Corp., 14 Commercial, Rochester, N. Y. "Chef-Master"  
 Everedy Co., 6 East, Frederick, Md. "Speedy-Clean"  
 Farber (S. W.) Inc., 141 S. 5th, Bklyn., N. Y.  
 International Appliance Corp., Metropolitan & Morgan Aves., Bklyn., N. Y. "Broil-King"  
 Manning, Bowman & Co., Meriden, Conn.  
 Marlin Mfg. Co., Inc., 127 Spring, New York, N. Y. "Ritz"  
 Naxon Utilities Corp., 2101 W. Walnut, Chicago, Ill. "Naxon Broileroaster"  
 Rival Mfg. Co., 307 Westport Rd., Kansas City, Mo. "Broil-O-Mat"  
 Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, O.  
 Stern-Brown, Inc., 42-24 Orchard, Long Island City, N. Y. "Superstar Du-All Master Grill"  
 Swartzbaugh Mfg. Co., Toledo, O. "Rangette"

**BRONZE BALLS—See Balls, Steel, Bronze, Monel Metal, Stainless Steel****BRONZE BOLTS—See Bolts, Brass, Bronze and Copper****BRONZE CASTINGS—See Castings, Brass, Bronze, Etc.****BRONZE CHAIN—See Chain, Brass or Bronze****BRONZE KNOBS—See Knobs, Door, Brass and Bronze****BRONZE PAINTS—See Paints, Aluminum and Bronze****BRONZE POWDERS—See Powders, Bronze****BRONZE RAILING—See Railing, Pipe, Iron, Brass and Bronze****BRONZE SCREWS—See Screws, Bronze; also Screws, Brass and Bronze****BRONZE SHEETS—See Sheets, Bronze****BRONZE SIGNS—See Signs, Metal****BRONZE TABLETS—See Tablets, Bronze****BRONZE TINSEL MOPS—See Mops, Bronze Tinsel****BRONZE WIRE—See Wire, Phosphor Bronze****BRONZE WIRE CLOTH—See Cloth, Wire, Aluminum, Black, Brass, Bronze, Copper, Galvanized, Etc.****BRONZING LIQUIDS—See Liquids, Bronzing****BROOD COOPS—See Coops, Brood****BROODER HEATERS—See Heaters, Brooder****BROODER THERMOMETERS—See Thermometers, Brooder and Incubator****BROODERS**

(See also Incubators)  
 American Incubators, Inc., New Brunswick, N. J. "Wish-Bone"  
 Anderson Box Co., Indianapolis, Ind. "Liv-An-Gro"  
 Automatic Draft & Stove Co., Inc., Lynchburg, Va. "Ashley"  
 Automatic Incubator Co., Delaware, O. "Dico"  
 Bowers (F. M.) & Sons Co., Indianapolis, Ind.  
 Brower Mfg. Co., Quincy, Ill.  
 Buckeye Incubator Co., Springfield, O.  
 Close-to-Nature Co., Colfax, Ind.  
 Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
 Des Moines Incubator Co., Des Moines, Ia.  
 General Metalware Co., Minneapolis, Minn. "Martintware"  
 Harder Silo Co., Inc., Cobleskill, N. Y.  
 Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
 (Coal, Oil & Electric)  
 Hopson (W. C.) Co., Grand Rapids, Mich. (Oil Burning)  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Kleen-Ezy"  
 James Mfg. Co., Fort Atkinson, Wis. "Jamesway"  
 Klein Mfg. Co., Burlington, Ia. (Coal, Oil and Electric)  
 Lancaster Mfg. Co., Lancaster, Pa.  
 Louden Mch. Co., Fairfield, Ia. (Oil)  
 Makomb Steel Products Co., Macomb, Ill. "Biddyway," "Electro-Stat," "Gro-Mor," "Ker-o-Stat," "Makomb," "Oil-o-Stat," "Wood-o-Stat"  
 March-Brownback Stove Co., Pottstown, Pa. "Eureka"  
 Martin Steel Products Co., Mansfield, O.  
 Miller (J. W.) Co., Rockford, Ill. "De Luxe"  
 Mit-Shef Stamping Mfg. Co., Quincy, Ill. "Up-to-Date"  
 National Brooder Co., Springfield, O.  
 National Ideal Co., 914 Summit, Toledo, O. "Premier" (Oil & Coal), "Warner" (Electric)  
 New McCurdy Mfg. Co., Ada, O.  
 Oakes Mfg. Co., Tipton, Ind. "Advance," "Oakes," "Red Oakes," "Red Top" (Electric, Coal, Gas and Oil)  
 Petaluma Electric Incubator Co., Petaluma, Cal.  
 Phelan Brooder Co., Oklahoma City, Okla. (Oil Burning)  
 Pratt (Wm. E.) Mfg. Co., Joliet, Ill.  
 Putnam (I.) Inc., Elmira, N. Y.  
 Queen Incubator Co., Lincoln, Neb. "Lincoln"  
 Reliable Incubator & Brooder Co., Quincy, Ill. "Imperial"  
 Rosa Cutter & Silo Co., Springfield, O.  
 Royal Mfg. Co., Bowling Green, O. "Royal"  
 Sheer (H. M.) Co., Quincy, Ill. "Sol-Hot"  
 Shenandoah Equipment Corp., 21 Edom Rd., Harrisonburg, Va. "Shenandoah"  
 Simplex Brooder Stove Co., Grand Rapids, Mich. "Simplex"  
 Starline, Inc., Harvard, Ill.  
 Stauffer (H. M.) & Sons, Leola, Pa.  
 Sure Hatch Incubator Co., Fremont, Neb.  
 United Brooder Co., Trenton, N. J. "Magic" (Coal Burning)

**BROOM HOLDERS—See Holders, Broom****BROOMS, Bamboo**

Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
 Lay (Joe.) Co., Portland, Ind.  
 Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
 National Brush & Broom Co., Ridgeville, Ind. "DuraBilt"  
 Opie (J. W.) Brush Co., Kansas City, Mo.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
 Ox Fibre Brush Co., Frederick, Md.  
 Richmond Broom Co., Richmond, Va.  
**BROOMS, Barn—See Brooms, Street and Stable**

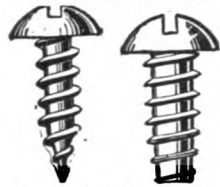
**BROOMS, Corn**

Alabama Broom & Mattress Co., Huntsville, Ala.  
 American Broom & Brush Co., Amsterdam, N. Y.  
 Amsterdam Broom Co., Amsterdam, N. Y. "Gold Bond," "Helpmate," "Homestead," "Nelly," "Prize," "Rex," "Rover," "White Swan," "White Swan Dwarf"  
 Atlantic Southwestern Broom Co., Baltimore, Md.  
 Randall (J. C.) Co., Mountville, W. Va.  
 Bookhop Broom & Brush Co., Inc., 220 W. 42nd, New York, N. Y.



# Your Mechanic and Handyman Trade will buy these famous PARKER-KALON PRODUCTS

## Hardened Self-tapping SHEET METAL SCREWS



Type "A" Type "Z"

—for joining and making fastenings to metal without tapping

The GENUINE product—made only by Parker-Kalon. The Screws, turned into drilled or punched holes, form a thread in the metal . . . hold better than machine screws or nuts and bolts. Save time, labor, money. Used in all leading autos, radios, airplanes, etc., and by tinsmiths, auto repair shops, sign makers, etc. Type "A" for making fastenings to sheet metal up to 18 gauge. Type "Z" for fastenings to sheet metal from 28 gauge to 6 gauge; also to aluminum and die castings, plastics, etc. Made in a wide range of sizes with slotted and Phillips Recessed heads, in various head styles and finishes. Packed in boxes containing one gross or 1000 of a size.

## Hardened MASONRY NAILS

—for fastening to Brick, Mortar, Concrete, etc.

It's easy to fasten to brick, mortar, concrete, with Hardened Masonry Nails. Easier and cheaper to use than expansion bolts, lead anchors and plugs, hooks, spikes, etc. Also, they require smaller holes than such devices, saving drilling time. They hold securely because the spiral ribs become embedded in the masonry. Used by tanners, plumbers, electricians, handymen, etc. Made in 5 sizes— $\frac{3}{8}$ " x 1" to  $\frac{1}{4}$ " x  $2\frac{1}{2}$ ". Put up in boxes containing 100 of a size.



## Hardened SCREWNAILS

—for fastening sheet metal to wood—securely



Combine the easy driving qualities of a nail with the strong holding power of a screw. Parker-Kalon Hardened Screwnails do not bend or break and will not work loose, back out or pull out. The hardened spiral threads cut into the burr formed in the sheet metal by the pilot (smooth portion above the point) and worm their way into the wood. Unbiased laboratory tests prove that Hardened Screwnails have over 4 times the holding power of ordinary nails. Packed in boxes containing 1000 of a size.



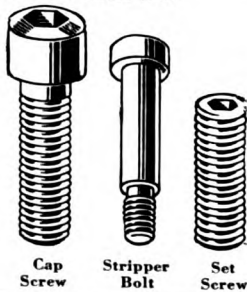
## Cold-forged CAP NUTS, WING NUTS and THUMB SCREWS

Made by the Parker-Kalon improved method of cold-forging. Neater in appearance, stronger, better finish. Accurate and uniform. Free from flaws and defects. A complete range of sizes.

## PARKER-KALON Cold-forged SOCKET SCREWS

A new high standard of quality that has won the unqualified approval of engineers and production men.

The outstanding research and control facilities of the Parker-Kalon Laboratory have made it possible to offer industry Socket Screws which embody all essential characteristics: 1. Cold-forged of Parkaloy. 2. Dependable Uniformity. 3. Flat Base Sockets. 4. True-fit Sockets. 5. Concentric Heads. 6. Perfect Thread Contour and Lead. 7. Class 3 Fit Threads. 8. Clean Starting Threads.



Cap Screw Stripper Bolt Set Screw

Send for Free Samples and Descriptive Literature.

## PROFITABLE, SELF-SELLER ASSORTMENTS

### No. 108 Assortment

#### Cold-forged WING NUTS

108 brightly nickel plated Parker-Kalon Cold-forged Wing Nuts of the sizes most generally required for replacements on hundreds of household, office and factory devices.

Assortment consists of  $\frac{1}{4}$ "-24,  $\frac{1}{2}$ "-20,  $\frac{3}{8}$ "-18, and  $\frac{3}{16}$ "-16 sizes. The attractive orange and black display takes but  $4\frac{1}{4}$ " x 6" counter space.



### No. 60 Assortment

#### Cold-forged CAP NUTS

This inexpensive assortment enables the dealer to "cash in" on the replacement demand for Cap Nuts which are widely used on home and office appliances, automobiles and accessories, bicycles, electrical and mechanical devices, lavatory partitions, etc. The self-seller display contains 60 Cap Nuts of the following sizes: No. 10-24; No. 10-32;  $\frac{1}{4}$ "-20;  $\frac{1}{4}$ "-28;  $\frac{3}{8}$ "-18;  $\frac{3}{8}$ "-24;  $\frac{1}{2}$ "-16;  $\frac{1}{2}$ "-24. Takes up only  $4\frac{1}{4}$ " x  $6\frac{1}{2}$ " counter space.



### No. 100 Assortment

#### Cold-forged THUMB SCREWS

Parker-Kalon Cold-forged Thumb Screws needed for replacements on household appliances, tools, machinery, electrical devices, automotive accessories, etc.

Contains 100 cadmium plated Screws of the following sizes:  $\frac{1}{4}$ "-24 x 1";  $\frac{1}{4}$ "-24 x  $1\frac{1}{2}$ ";  $\frac{1}{4}$ "-20 x 1";  $\frac{1}{4}$ "-20 x  $1\frac{1}{2}$ ";  $\frac{1}{4}$ "-20 x 2";  $\frac{1}{4}$ "-18 x 1";  $\frac{1}{4}$ "-18 x  $1\frac{1}{2}$ ";  $\frac{1}{4}$ "-18 x 2";  $\frac{3}{8}$ "-16 x  $1\frac{1}{2}$ ";  $\frac{3}{8}$ "-16 x 2". Takes but  $4\frac{3}{4}$ " x 7" counter space.



### No. 28 Assortment

#### Self-tapping REPAIR PLUGS

The Parker-Kalon Self-tapping Repair Plug meets the steady demand for a simple, inexpensive means of repairing leaks in boilers, radiators, water pipes, tanks, etc.

The attractive self-seller display contains 28 cadmium plated Plugs of the following sizes:  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and  $1\frac{1}{2}$ ". Takes only  $4\frac{3}{4}$ " x  $6\frac{1}{2}$ " counter space.



### No. 12 Assortment

#### Shur-Grip FILE HANDLES

Seven out of ten file users will buy Shur-Grip File Handles. A hardened flexible steel die locked in the handle cuts a thread on the file tang as it is screwed on. Prevents injuries; saves time; outlasts a dozen ordinary handles.

The assortment consists of 12 Handles for files from 3" to 12". The attention-getting 3-color display takes up only  $6\frac{1}{2}$ " x  $10\frac{1}{2}$ " counter space.



PARKER-KALON CORPORATION, 190-204 VARICK STREET, NEW YORK, N. Y.

Mention Hardware Age When Writing

Digitized by Google



**BROOMS, Corn (Continued)**

Central Broom Co., Jefferson City, Mo.  
De Roo's (P.) Son, Cincinnati, O.  
Deshler Broom Factory, Deshler, Neb. "Quality"  
Dodgeon Co., Cave Valley, Ky.  
Eckhart (A. J.) Co., Cleveland, O. "Sweepwell"  
Evans & Liddle, Inc., Lockport, N. Y.  
Frankfort Broom Co., Frankfort, Ky.  
Fulton, H. K., Wilmington, Del.  
Gardner Broom Co., Amsterdam, N. Y.  
Goeller's (M. G.) Sons Co., Circleville, O.  
Hamburg Broom Wks., Hamburg, Pa.  
Harrah & Stewart Broom Mfg. Co., Des Moines, Ia.  
"Little Polly"  
Hartman Broom Co., Clay Center, Kan.  
Hatch (E. W.) & Sons Co., Union City, Pa.  
Hoag Duster Co., Monticello, Ia. "Iowa"  
Ideal Broom Co., Everett, Mass.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
Kelly (M. A.) Broom Co., Leavenworth, Kan.  
Lay (Jos.) Co., Portland, Ind.  
Little Pelton Broom Co., Des Moines, Ia.  
Maiden, Wm., Muscatine, Ia.  
Manzelmann, Chas., Detroit, Mich.  
May Rose Broom Co., Louisville, Ky.  
Messe Broom Co., Spokane, Wash.  
Memphis Broom & Brush Co., Memphis, Tenn.  
Merkle Broom Co., 101 Westend Av., Paris, Ill.  
"Blu-J"  
Miller Broom Co., La Crosse, Wis.  
Montgomery Broom Mfg. Co., Grove City, Pa.  
Muckenfuss Mfg. Co., Spartanburg, S. C.  
National Broom Co., Lockport, N. Y.  
National Brush & Broom Co., Ridgeville, Ind.  
"DuraBilt"  
New Bremen Broom Co., New Bremen, O.  
Northern Broom Co., Inc., Cheboygan, Mich.  
"Blue Eagle," "Golden Grade," "Liberty," "Little Queen," "White Rose"  
Noxon Broom Co., Avoca, N. Y.  
Olson Broom Co., Sterling, Kan.  
Opie Brush Co., Kansas City, Mo.  
Otwell (W. E.) & Co., Linn, Kan.  
Pauken (John) Broom Co., Maumee, O.  
Peerless Broom Co., 1618 S. Mead Av., Wichita, Kan. "Acme," "Beauty," "Bluebird," "Gold Star," "Han-Dee," "Hotelo," "Leader," "Little Princess," "Peerless," "Queen"  
Pioneer Broom Co., Inc., Amsterdam, N. Y.  
Ramsauer Broom Wks., Ramsauer, N. C.  
Rich & France, Inc., 607 W. 12th Pl., Chicago, Ill. "Pastel"  
Richmond Broom Co., Richmond, Va.  
Shakespeare Products Co., Kalamazoo, Mich. "Dorothy Dale"  
Southwestern Broom Mfg. Co., Evansville, Ind.  
Urbana Broom Co., Urbana, O.  
Waterloo Broom Co., Waterloo, Ind.  
Weymer (A. F.) Co., Inc., 306 W. Division, Syracuse, N. Y.

**BROOMS, Factory—See Brooms, Warehouse, Mill and Factory**

**BROOMS, Fibre**

American Brush Mfg. Co., Portland, Ore. "Am-bruco"  
Brooklyn Perfex Corp., 47 Dinsmore Pl., Brooklyn, N. Y. "Perfex"  
Fogarty (Philip) Co., 49 Wyona, B'klyn, N. Y. "Anchor"  
Gardner Broom Co., Amsterdam, N. Y.  
Haisler Bros. Co., 740 N. Franklin, Chicago, Ill.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
Hoge Brush Co., New Knoxville, O.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
Lay (Jos.) Co., Portland, Ind.  
National Brush & Broom Co., Ridgeville, Ind.  
"DuraBilt"  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn" (Upright)  
Ox Fibre Brush Co., Frederick, Md.  
Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.  
Sniderman (I.) Co., Pittsburgh, Pa.

**BROOMS, Fire Fighting**

Amsterdam Broom Co., Amsterdam, N. Y.  
Brooklyn Perfex Corp., 47 Dinsmore Pl., Bklyn., N. Y. "Perfex"  
Worcester Brush & Scraper Co., Worcester, Mass.  
"Ranger," "Royal Worcester"

**BROOMS, House—See Brooms, Corn**

**BROOMS, Mill—See Brooms, Warehouse, Mill and Factory**

**BROOMS, Push**

American Brush Mfg. Co., Portland, Ore. "Am-bruco"  
Atlanta Brush Co., Atlanta, Ga. "Felco"  
Birmingham Bros., 317 N. 3d, St. Louis, Mo.  
Brooklyn Broom & Brush Co., Inc., 220 W. 42nd, New York, N. Y.  
Brooklyn Perfex Corp., 47 Dinsmore Pl., Bklyn., N. Y. "Perfex"  
Brown & W. Farmington, N. H.  
Elder & Jenks, 411 Vine, Phila., Pa.  
Harris Brush Wks., Fort Chester, N. Y.  
Hatch (S. A.) & Son Co., Manchester, N. H.  
Hatch City Brush Co., Minneapolis, Minn.

Grau Bros., 1662 Central Av., Cincinnati, O.  
Haisler Bros. Co., 740 N. Franklin, Chicago, Ill.  
Hamburg Broom Wks., Hamburg, Pa.  
Harper Brush Works, Fairfield, Ia.  
Herbert Rattan Works, Kingston, N. Y.  
Herald Bros. Co., 1104 W. 9th, Cleveland, O.  
Hoge Brush Co., New Knoxville, O.  
Hoscomb (J. I.) Mfg. Co., Indianapolis, Ind.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
Interchangeable Brush Co., Inc., 68 Jay, Bklyn., N. Y. "Jayne's"  
Lay (Jos.) Co., Portland, Ind. "Victor"  
Michigan Brush Mfg. Co., Inc., Detroit, Mich. "Motor City"  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn" (Wire)  
Ox Fibre Brush Co., Frederick, Md.  
Pittsburgh Plate Glass Co., Brush Div., Baltimore, Md.  
Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.  
U. S. Brush Co., Omaha, Neb.  
Warner (W. E.) & Co., 265 Canal, New York, N.Y.  
Worcester Brush & Scraper Co., Worcester, Mass. "Red Devil"

**BROOMS, Rattan**

Amsterdam Broom Co., Amsterdam, N. Y.  
Bookhop Broom & Brush Co., Inc., 220 W. 42nd, New York, N. Y.  
Evans & Liddle, Inc., Lockport, N. Y.  
Herbert Rattan Wks., Kingston, N. Y.  
Hoge Brush Co., New Knoxville, O.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
Lay (Jos.) Co., Portland, Ind.  
Miller Broom Co., La Crosse, Wis.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
National Brush & Broom Co., Ridgeville, Ind. "DuraBilt"  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Richmond Broom Co., Richmond, Va.

**BROOMS, Sink—See Brushes, Sink**  
**BROOMS, Snow—See Brooms, Bamboo; also Brooms, Rattan**

**BROOMS, Stable—See Brooms, Street and Stable**

**BROOMS, Street and Stable**

American Brush Mfg. Co., Portland, Ore. "Am-bruco"  
Amsterdam Broom Co., Amsterdam, N. Y. "Giant," "Public Service"  
Bardall (J. C.) Co., Mountsville, W. Va.  
Blumenthal (H.) & Co. 241 Centre, New York, N.Y.  
Bookhop Broom & Brush Co., Inc., 220 W. 42nd, New York, N. Y.  
Bromwell Brush Mfg. Co., Seymour, Ind.  
Brooklyn Perfex Corp., 47 Dinsmore Pl., Bklyn., N. Y. "Perfex"  
Felton (S. A.) & Son Co., Manchester, N. H. "Felton-Made"  
Harrah & Stewart Broom Mfg. Co., Des Moines, Ia.  
Herbert Rattan Wks., Kingston, N. Y.  
Hoge Brush Co., New Knoxville, O.  
Ideal Broom Co., Everett, Mass.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Red Cap"  
Lay (Jos.) Co., Portland, Ind.  
Michigan Brush Mfg. Co., Inc., Detroit, Mich.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.  
Sniderman (I.) Co., Pittsburgh, Pa.

**BROOMS, Warehouse, Mill and Factory**

American Broom & Brush Co., Amsterdam, N. Y.  
Amsterdam Broom Co., Amsterdam, N. Y. "Combination," "Samson," "Standard Mill," "Wearwell," "Worker"  
Birmingham Broom Mfg. Co., Birmingham, Ala.  
Bookhop Broom & Brush Co., Inc., 220 W. 42nd, New York, N. Y.  
Brooklyn Perfex Corp., 47 Dinsmore Pl., Bklyn., N. Y. "Perfex"  
Costello (J. S.) & Son Brush Co., St. Louis, Mo.  
Evans & Liddle, Inc., Lockport, N. Y.  
Felton (S. A.) & Son Co., Manchester, N. H.  
Hamburg Broom Wks., Hamburg, Pa.  
Harper Brush Co., Fairfield, Ia.  
Harrah & Stewart Broom Mfg. Co., Des Moines, Ia.  
Hatch (E. W.) & Sons Co., Union City, Pa.  
Herbert Rattan Wks., Kingston, N. Y.  
Hoge Brush Co., New Knoxville, O.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
Kelly (M. A.) Broom Co., Leavenworth, Mass.  
Lasting Mop & Broom Co., Evansville, Ind.  
Lay (Jos.) Co., Portland, Ind.  
Manzelmann, Chas., Detroit, Mich.  
May Rose Broom Co., Louisville, Ky.  
Merkle Broom Co., 101 Westend Av., Paris, Ill.  
"Blu-J"

Miller Broom Co., La Crosse, Wis.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
National Brush & Broom Co., Ridgeville, Ind. "DuraBilt"  
Neosho Broom Factory, Neosho, Mo.  
Northern Broom Co., Inc., Cheboygan, Mich. "Blue Eagle," "Golden Grade," "Liberty," "Little Queen," "White Rose"  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Peerless Broom Co., 1618 S. Mead Av., Wichita, Kan. "Able"  
Ramsauer Broom Wks., Ramsauer, N. C.  
Sniderman (I.) Co., Pittsburgh, Pa.  
Southwestern Broom Mfg. Co., Evansville, Ind.  
Southwestern Broom & Warehouse Co., Wichita, Kan.

**BROOMS, Whisk**

American Broom & Brush Co., Amsterdam, N. Y.  
Amsterdam Broom Co., Amsterdam, N. Y. "Brookside," "Rotary Prize"  
Bardall (J. C.) Co., Mountsville, W. Va.  
Bookhop Broom & Brush Co., Inc., 220 W. 42nd, New York, N. Y.  
Central Broom Co., Jefferson City, Mo.  
Deborn Mfg. Co., Chicago, Ill. "Deahler"  
De Roo's (P.) Son, Wade and Borton, Cincinnati, O.  
Evans & Liddle, Inc., Lockport, N. Y.  
Gardner Broom Co., Amsterdam, N. Y.  
Harrah & Stewart Broom Mfg. Co., Des Moines, Ia.  
Hatch (E. W.) & Sons Co., Union City, Pa.  
Hayes Duster & Brush Co., 64 Lispenard, New York, N. Y.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
Ideal Broom Co., Everett, Mass.  
Illinois Duster Co., 1944 W. Webster Av., Chicago, Ill.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Red Cap"  
Kelly (M. A.) Broom Co., Leavenworth, Mass.  
Lasting Mop & Broom Co., Evansville, Ind.  
Little Pelton Broom Co., Des Moines, Ia.  
Manzelmann, Chas., Detroit, Mich.  
Merkle Broom Co., 101 Westend Av., Paris, Ill. "Blu-J"  
Miller Broom Co., La Crosse, Wis.  
Montgomery Broom Mfg. Co., Grove City, Pa.  
Muckenfuss Mfg. Co., Spartanburg, S. C.  
National Broom Co., Lockport, N. Y.  
New Bremen Broom Co., New Bremen, O.  
Nifty Brush Co., 314 Institute Pl., Chicago, Ill. "Nifty"  
Northern Broom Co., Inc., Cheboygan, Mich. "Blue Eagle," "Golden Grade," "Liberty," "Little Queen," "White Rose"  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Pioneer Broom Co., Inc., Amsterdam, N. Y.  
Rich & France, Inc., 607 W. 12th Pl., Chicago, Ill. "Pastel"  
Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.  
Sniderman (I.) Co., Pittsburgh, Pa.  
Southwestern Broom Mfg. Co., Evansville, Ind.  
Urbana Broom Co., Urbana, O.  
Valentine Co., Urbana, O.  
Weil (Joe) Associates, 30 Rockefeller Plaza, New York, N. Y. "Rub-Whisk" (Sponge Rubber)  
Weimer (A. F.) Co., Inc., 206 W. Division, Syracuse, N. Y.

**BROOMS, Wire, Steel**

Blumenthal (H.) & Co., 241 Centre, New York, N.Y.  
Haisler Bros. Co., 740 N. Franklin, Chicago, Ill.  
Herald Bros. Co., 1104 W. 9th, Cleveland, O.  
Hoge Brush Co., New Knoxville, O.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
Lay (Jos.) Co., Ridgeville, Ind.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
"Iron Clad," "Osborn"  
Pitney Packing & Flue Brush Co., St. Louis, Mo.  
Pittsburgh Plate Glass Co., Brush Div., Baltimore, Md.  
Schaefer Brush Mfg. Co., Milwaukee, Wis.  
U. S. Brush Co., Omaha, Neb.  
Worcester Brush & Scraper Co., Worcester, Mass. "Royal"

**BRUSH CLEANERS—See Cleaners, Paint Brush**  
**BRUSH DOOR MATS—See Mats, Door, Brush**  
**BRUSH METHOD ELECTRO PLATING OUTFITS—See Plating, Electro, Brush Method**

**BRUSHES, Acid**

Empire Brush Wks., Port Chester, N. Y.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
Superkleen Brushes, Div. Devoe & Reynolds Co., Inc., 460 Smith, B'klyn, N. Y. "Superkleen"  
Wolfe Brush Co., Pittsburgh, Pa.

**BRUSHES, Artists'**

Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
Clinton (E.) & Co., Inc., 1204 S. 12th, Phila., Pa.  
Dell (Samuel M.) & Co., Inc., Baltimore, Md. "Vardell"  
Elder & Jenks, 411 Vine, Phila., Pa.  
Grumbacher, M., 460 W. 34th, New York, N. Y.



# No Other Line offers all these Profit Makers



**H&R  
FOLDING  
SINGLE BARREL  
GUN — \$11.90**

Here's the most convenient shotgun ever built . . . a top-notch performer in the field, precision-built of high grade materials, with every necessary feature for safety and close-shooting. It's also a specialty . . . a gun unique because it folds; barrel swings around ball joint, lies against stock *without detaching* . . . no parts to forget. It is ideal for automobile hunters who shoot several places in a day. Six models, light and heavy frames, in 12, 16, 28, and 410 gauge.

CARRYING CASE available for folding gun. Tough waterproof canvas case, reinforced with leather, riveted handle, zipper closure, retails at \$1.50.

**S**PORTSMEN everywhere know and respect Harrington & Richardson. Now offering the greatest line of guns in the company's 69 years, H&R can help you make shotguns and revolvers a highly profitable branch of your business. Big values . . . big volume . . . every man and his son are good prospects because H&R quality at low prices is too good to ignore. Put in a representative stock and watch business grow. Write for details of dealer proposition. HARRINGTON & RICHARDSON ARMS CO., Worcester, Mass.

Other fine H&R arms not shown include: Hammerless Single Shotgun . . . outclasses competition in design, proportion, and accuracy . . . light, fast military-type striker . . . retails at \$11.45; Heavy Breech Single Shotgun at \$11.45, and a full line of 48 models including hand arms, from the official U.S.R.A. Model Single Shot Pistol 10" barrel .22 at \$32.00 to the Vest Pocket 1 1/8" barrel at \$7.75. Write for literature.



**H&R SPORTSMAN**

World-famous for accuracy, stamina, safety. Many great shooters maintain that the Sportsman is the most accurate revolver ever developed . . . perfect balance, crisp action. Retails at \$24.75.



**H&R EUREKA**

Hailed as the "perfect target revolver," the Eureka has an entirely new action, very short and fast hammer throw. Several other new features never before available in a revolver priced so low. Retails at \$29.50.



**H&R BAY STATE — H&R STANDARD  
Single Barrel Shotguns**

Two more examples of superior H&R value. Every part of these guns is evidence of craftsmanship acquired through 69 years of fine gunmaking. Bay State retails at \$9.75; Standard retails at \$11.00.

# HARRINGTON & RICHARDSON

## REVOLVERS AND SHOTGUNS

Mention Hardware Age When Writing

Digitized by Google



**BRUSHES, Artists' (Continued)**

Hanlon & Goodman Co., 6 Riverside Av., Belleville, N. J.  
 Linzer (David) & Sons, 10 Astor Pl., New York, N. Y. "Linzer's"  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
 Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
 Rennous-Kleinle Div. Pittsburgh Plate Glass Co., Baltimore, Md. "Gold Stripe"  
 Superkleen Brushes, Div. Devoe & Reynolds Co., Inc., 460 Smith, B'klyn, N. Y. "Superkleen"  
 Whiting-Adams Co., 700 Harrison Av., Boston, Mass.  
 Wooster Brush Co., Wooster, O. "Foss-Set," "Ted the Tester"

**BRUSHES, Automobile**

American Brush Corp., 1113 N. Franklin, Chicago, Ill.  
 American Brush Mfg. Co., Portland, Ore. "Ambruco"  
 Atlanta Brush Co., Atlanta, Ga.  
 Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
 Benzinger Bros., 317 N. 3d, St. Louis, Mo.  
 Biltwell Brush Co., Rockford, Ill.  
 Burton Brush Co., Cambridge, Mass.  
 Dearborn Mfg. Co., Chicago, Ill. "Flo-Brush," "Handy," "Rainbow"  
 Elder & Jenks, 411 Vine, Phila., Pa.  
 Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
 Hanlon & Goodman Co., 6 Riverside Av., Belleville, N. J.  
 Hays Duster & Brush Co., 64 Lispenard, New York, N. Y.  
 Herold Brothers Co., 1104 W. 9th, Cleveland, O.  
 Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
 Hoge Brush Co., New Knoxville, O.  
 Hygenia Brush Co., Worcester, Mass. "Ideal"  
 Ideal Clamp Mfg. Co., 200 Bradford, B'klyn, N. Y. "Ace"  
 Illinois Duster Co., 1944 W. Webster Av., Chicago, Ill.  
 Leiner (Geo. S.) & Co., 1250 Brook Av., New York, N. Y.  
 Maxwell Brushes, Inc., 213 E. 144th, New York, N. Y.  
 Michigan Brush Mfg. Co., Inc., Detroit, Mich. "Motor City"  
 Mill-Rose Co., Cleveland, O.  
 Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn" (also spoke cleaning)  
 Ox Fibre Brush Co., Frederick, Md.  
 Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
 Quality Mfg. Co., Inc., Woburn, Mass. "Quality Antiseptic"  
 Rubberset Co., 56 Ferry, Newark, N. J.  
 Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
 Silver-Chamberlin Co., Clayton, N. J.

**BRUSHES, Bakers' and Butchers'**

Costello (J. S.) & Son Brush Co., St. Louis, Mo.  
 Hanlon & Goodman Co., 6 Riverside Av., Belleville, N. J.  
 Herold Brothers Co., 1104 W. 9th, Cleveland, O.  
 Hoge Brush Co., New Knoxville, O.  
 Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Acme," "Jumbo," "Osborn"  
 Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md. "Even Trim"  
 Rennous-Kleinle Div. Pittsburgh Plate Glass Co., Baltimore, Md. "Even Trim" (Wire)  
 Rubberset Co., 56 Ferry, Newark, N. J.  
 Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y. "Shanday"  
 Worcester Brush & Scraper Co., Worcester, Mass. "Monarch"

**BRUSHES, Bath**

Biltwell Brush Co., Rockford, Ill.  
 Bowditch-Packard Co., Inc., Boston, Mass.  
 Bromwell Brush Mfg. Co., Seymour, Ind.  
 Costello (J. S.) & Son Brush Co., St. Louis, Mo.  
 Empire Brush Wks., Port Chester, N. Y.  
 Hays Duster & Brush Co., 64 Lispenard, New York, N. Y.  
 Herbert Rattan Works, Kingston, N. Y. "Vigor"  
 Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
 Leiner (Geo. S.) & Co., 1250 Brook Av., New York, N. Y.  
 Maxwell Brushes, Inc., 213 E. 144th, New York, N. Y.  
 Mill-Rose Co., Cleveland, O.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
 Ox Fibre Brush Co., Frederick, Md.  
 Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
 Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y. "Shanday"  
 Silver-Chamberlin Co., Clayton, N. J.  
 Whiting-Adams Co., 700 Harrison Av., Boston, Mass.

**BRUSHES, Bench or Counter**

American Brush Mfg. Co., Portland, Ore. "Ambruco"  
 Benzinger Bros., 317 N. 3d, St. Louis, Mo.  
 Bowditch-Packard Co., Inc., 166 Commercial, Boston, Mass.

Elder & Jenks, 411 Vine, Phila., Pa.  
 Empire Brush Wks., Port Chester, N. Y.  
 Felton (S. A.) & Son Co., Manchester, N. H.  
 Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
 Hoge Brush Co., New Knoxville, O.  
 Illinois Duster Co., 1944 W. Webster Av., Chicago, Ill.  
 Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
 Linzer (David) & Sons, 10 Astor Pl., New York, N. Y. "Linzer's"  
 Michigan Brush Mfg. Co., Inc., Detroit, Mich. "Motor City"  
 Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
 New York Feather Duster Co., Inc., 216 Mercer, New York, N. Y.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
 Ox Fibre Brush Co., Frederick, Md.  
 Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
 Rubberset Co., 56 Ferry, Newark, N. J.  
 Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y. "Shanday"  
 Warner (W. E.) & Co., 265 Canal, New York, N. Y.

**BRUSHES, Bill Poster**

Elder & Jenks, 411 Vine, Phila., Pa.  
 Pittsburgh Plate Glass Co., Brush Div., Baltimore, Md.  
 Superkleen Brushes, Div. Devoe & Reynolds Co., Inc., 460 Smith, B'klyn, N. Y. "Superkleen"  
 Whiting-Adams Co., 700 Harrison Av., Boston, Mass.  
 Wolfe Brush Co., Pittsburgh, Pa.

**BRUSHES, Bottle**

American Brush Corp., 1113 N. Franklin, Chicago, Ill.  
 American Brush Mfg. Co., Portland, Ore. "Ambruco"  
 Biltwell Brush Co., Rockford, Ill.  
 Bowditch-Packard Co., Inc., Boston, Mass.  
 Bromwell Brush Mfg. Co., Seymour, Ind.  
 Costello (J. S.) & Son Brush Co., St. Louis, Mo.  
 Du-Ail Mfg. Co., Geneva, Ill.  
 Hahn, Arthur W., 199 Lafayette, New York, N. Y.  
 Hanlon & Goodman Co., 6 Riverside Av., Belleville, N. J.  
 Herbert Rattan Works, Kingston, N. Y.  
 Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
 Holcomb (J. I.) Mfg. Co., Indianapolis, Ind.  
 Hygenia Brush Co., Worcester, Mass.  
 Leiner (Geo. S.) & Co., 1250 Brook Av., New York, N. Y. "Tufto"  
 Maxwell Brushes, Inc., 213 E. 144th, New York, N. Y.  
 Mill-Rose Co., Cleveland, O.  
 Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
 Opie (J. W.) Brush Co., Kansas City, Mo.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
 Ox Fibre Brush Co., Frederick, Md.  
 Pollock Brush Co., Easton, Pa.  
 Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
 Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y. "Shanday"  
 Silver-Chamberlin Co., Clayton, N. J. "Nibco"  
 Warner (W. E.) & Co., 265 Canal, New York, N. Y.

**BRUSHES, Buffing, Wire**

Anderson Corp., Worcester, Mass.  
 Felton (S. A.) & Son Co., Manchester, N. H.  
 Ferrodowill Mfg. Co., St. Paul, Minn. "Ferro"  
 Herold Bros. Co., Cleveland, O.  
 Millers Falls Co., Greenfield, Mass.  
 Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Disc-Center," "Economy," "Master," "Monitor," "Osborn," "Riehl"  
 Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md. "Perfect Balance"  
 Rennous-Kleinle Div. Pittsburgh Plate Glass Co., Baltimore, Md. "Perfect Balance"  
 Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.

**BRUSHES, Butchers'—See Brushes, Bakers' & Butchers**

**BRUSHES, Carbon Removing**

Coiled Wire Tool Co., Brighton Station, Rochester, N. Y. "Curly Head"

**BRUSHES, Condenser Tube**

Coiled Wire Tool Co., Brighton Station, Rochester, N. Y. "Curly Head"

**BRUSHES, Clothes**

Biltwell Brush Co., Rockford, Ill.  
 Bromwell Brush Mfg. Co., Seymour, Ind.  
 Costello (J. S.) & Son Brush Co., St. Louis, Mo.  
 Dearborn Mfg. Co., Chicago, Ill.  
 Empire Brush Wks., Port Chester, N. Y.  
 Fogarty (Philip) Co., 49 Wyona, Bklyn., N. Y. "Anchor"  
 Hays Duster & Brush Co., 64 Lispenard, New York, N. Y.  
 Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
 Hoge Brush Co., New Knoxville, O.

Hygenia Brush Co., Worcester, Mass.  
 Maxwell Brushes, Inc., 213 E. 144th, New York, N. Y.  
 Mill-Rose Co., Cleveland, O.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
 Ox Fibre Brush Co., Frederick, Md.  
 Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y. "Shanday"  
 Silver-Chamberlin Co., Clayton, N. J. "Nibco"  
**BRUSHES, Counter—See Brushes, Bench or Counter**

**BRUSHES, Crumb**

(See also Trays, Crumb)

Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
 Hoge Brush Co., New Knoxville, O.  
 National Sheet Metal Co., Peru, Ill.  
 Silver-Chamberlin Co., Clayton, N. J. "Nibco"

**BRUSHES, Dust**

Carroll Bros. & Co., Baltimore, Md.  
 Elder & Jenks, 411 Vine, Phila., Pa.  
 Empire Brush Wks., Port Chester, N. Y.  
 Felton (S. A.) & Son Co., Manchester, N. H.  
 Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
 Hanlon & Goodman Co., 6 Riverside Av., Belleville, N. J.  
 Hays Duster & Brush Co., 64 Lispenard, New York, N. Y.  
 Herold Bros. Co., 1104 W. 9th, Cleveland, O.  
 Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
 Hoge Brush Co., New Knoxville, O.  
 Hygenia Brush Co., Worcester, Mass.  
 Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
 Maxwell Brushes, Inc., 213 E. 144th, New York, N. Y.  
 Mill-Rose Co., Cleveland, O.  
 Opie (J. W.) Brush Co., Kansas City, Mo.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
 Ox Fibre Brush Co., Frederick, Md.  
 Pollock Brush Co., Easton, Pa.  
 Rubberset Co., 56 Ferry, Newark, N. J.  
 Rubico Brush Manufacturers, 34 Hubert, New York, N. Y.  
 Shane & Hays, Inc., 5800 21st Av., B'klyn, N. Y. "Shanday"  
 Silver-Chamberlin Co., Clayton, N. J. "Nibco"  
 Wooster Brush Co., Wooster, O. "Foss-set," "Ohio," "Ted the Tester"

**BRUSHES, Floor—See Brushes, Household**  
**BRUSHES, Floor Oiling—See Oilers, Floor**

**BRUSHES, Floor Polishing**

American Brush Corp., 1113 N. Franklin, Chicago, Ill.  
 American Brush Mfg. Co., Portland, Ore. "Ambruco"  
 Bowditch-Packard Co., Inc., Boston, Mass.  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J. "Old English"  
 Burton Brush Co., Cambridge, Mass.  
 Empire Brush Wks., Port Chester, N. Y.  
 Felton (S. A.) & Son Co., Manchester, N. H.  
 Heymer Mfg. Co., Minneapolis, Minn. "Polysure"  
 Hoge Brush Co., New Knoxville, O.  
 Holcomb (J. I.) Mfg. Co., Indianapolis, Ind.  
 Meakins-McKinnon, Inc., Lockport, N. Y.  
 Mill-Rose Co., Cleveland, O.  
 Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Silver Beauty," "Osborn"  
 Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
 Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
 Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y. "Shanday"  
 Silver-Chamberlin Co., Clayton, N. J.

**BRUSHES, Flue**

Anderson Corp., Worcester, Mass.  
 Coiled Wire Tool Co., Brighton Station, Rochester, N. Y. "Curly Head"  
 Farrell-Cheek Steel Co., Sandusky, O.  
 Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
 Peerless Mfg. Co., New Durham, N. H.  
 Pilley Packing & Flue Brush Mfg. Co., St. Louis, Mo.  
 Rennous-Kleinle Div. Pittsburgh Plate Glass Co., Baltimore, Md. "Even Trim"  
 Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis. "Royal Blue"  
 Worcester Brush & Scraper Co., Worcester, Mass. "Alma," "Bemis," "Ideal," "Sampson," "Wilson"

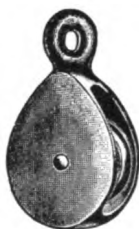
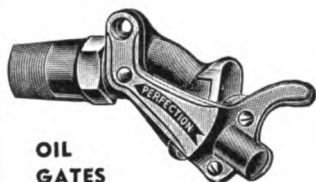
**BRUSHES, Glue**

American Brush Mfg. Co., Portland, Ore. "Ambruco"  
 Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
 Burton Brush Co., Cambridge, Mass.  
 Casein Co. of America, Div. of Borden Co., 350 Madison Av., New York, N. Y. "Casco"  
 Dell (Samuel M.) & Co., Baltimore, Md. "Vardell"  
 Elder & Jenks, 411 Vine, Phila., Pa.  
 Flour City Brush Co., Minneapolis, Minn.  
 Hanlon & Goodman Co., 6 Riverside Av., Belleville, N. J.  
 Linzer (David) & Sons, 10 Astor Pl., New York, N. Y. "Linzer's"



DOOR  
SPRINGSCOAT & HAT  
HOOKSCLOTHES  
LINE  
HOOKS

SASH ROLLERS

SCREW  
PULLEYSAWNING  
PULLEYSOIL  
GATES

WINDOW BOLTS

SASH  
CENTERSCORNER  
BRACES

BULL RINGS

BOX & HAY  
HOOKS

CUP HOOKS



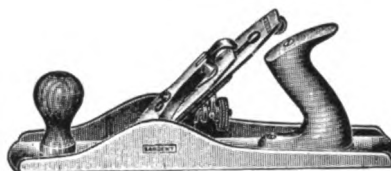
SCREW HOOKS

HAMMOCK  
HOOKS

TRANSON LIFTERS



COW BELLS

BENCH PLANES,  
BLOCK PLANES, ETC.

AWNING HOOKS



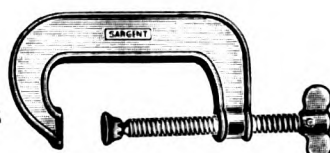
HOOKS &amp; EYES



PLATE HINGES



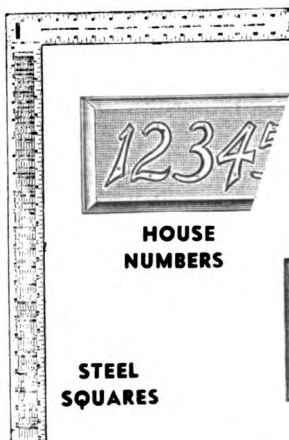
SHELF RESTS



CARRIAGE MAKERS' CLAMPS

SCREW  
HOOKS

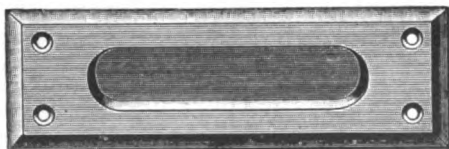
SCREW HOOKS

SCREW  
EYESSTEEL  
SQUARESHOUSE  
NUMBERSEYE  
BOLTS

TACK HAMMERS



PLUMB BOBS



LETTER BOX PLATES

BENCH  
SCREWSFOOD  
CHOPPERS

PROFIT BUILDERS

**SARGENT**

REG. U.S. PAT. OFF.

MISCELLANEOUS ITEMS

They are every day sellers across the counter

**STOCK THEM - SELL THEM**SARGENT & COMPANY  
NEW HAVEN, CONN.NEW YORK  
342-344 BROADWAYCHICAGO  
150 NORTH WACKER DRIVE

**BRUSHES, Glue (Continued)**

Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
"Osborn"  
Pittsburgh Plate Glass Co., Brush Div., 3221 Fred-  
erick Av., Baltimore, Md.  
Rennous-Kleinle Div. Pittsburgh Plate Glass Co.,  
Baltimore, Md. "Gold Stripe"  
Rubberet Co., 56 Ferry, Newark, N. J.  
Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.  
"Shanday"  
Whiting-Adams Co., 700 Harrison Av., Boston,  
Mass.  
Wooster Brush Co., Wooster, O. "Foss-set," "Ohio,"  
"Shasta," "Ted-the-Tester"

**BRUSHES, Gun**

(See also Cleaners, Gun; also Arms, Cleaning,  
Gun and Rifle)  
Johnson's (Iver) Arms & Cycle Wks., Fitchburg,  
Mass.  
Marble Arms & Mfg. Co., 540 Delta Av., Gladstone,  
Mich. "Marble's"  
Stevens (J.) Arms Co., Div., Savage Arms Corp.,  
Chicopee Falls, Mass.  
Union Hdw. Co., Torrington, Conn.

**BRUSHES, Horse**

Bookhop Broom & Brush Co., Inc., 220 W. 42nd,  
New York, N. Y.  
Bromwell Brush Mfg. Co., Seymour, Ind.  
Felton (S. A.) & Son Co., Manchester, N. H.  
Haiser Bros. Co., Chicago, Ill.  
Herbert Rattan Works, Kingston, N. Y.  
Horse Brush Co., New Knoxville, O.  
Holcomb (J. L.) Mfg. Co., Indianapolis, Ind.  
Makins-McKinnon, Inc., Lockport, N. Y.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th,  
Milwaukee, Wis.  
National Brush Co., Aurora, Ill.  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
"Dandy," "Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Pollock Brush Co., Easton, Pa.

**BRUSHES, Household**

(See also Brushes, Scrubbing)  
American Brush Corp., 1113 N. Franklin, Chicago,  
Ill.  
American Brush Mfg. Co., Portland, Ore. "Ambruco"  
Bitwell Brush Co., Rockford, Ill.  
Bowditch-Packard Co., Inc., Boston, Mass.  
Bromwell Brush Mfg. Co., Seymour, Ind.  
Burton Brush Co., Cambridge, Mass.  
Carroll Bros. & Co., Baltimore, Md.  
Costello (J. S.) & Son Brush Co., St. Louis, Mo.  
Dearborn Mfg. Co., Chicago, Ill.  
Du-All Mfg. Co., Geneva, O.  
Elder & Jenks, 411 Vine, Phila., Pa.  
Empire Brush Wks., Port Chester, N. Y.  
Felton (S. A.) & Son Co., Manchester, N. H.  
"Felton-Made"  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Flour City Brush Co., Minneapolis, Minn.  
Fozarty (Philip) Co., 49 Wyona, Bklyn., N. Y.  
"Anchor"  
Frank-Lin Brush Co., 71 Charlotte, Bridgeport,  
Conn.  
Gerts-Lumbard & Co., Chicago, Ill.  
Hanlon & Goodman Co., 6 Riverside Av., Belleville,  
N. J.  
Harper Brush Co., Fairfield, Ia.  
Hayes Duster & Brush Co., 64 Lisenard, New York  
N. Y.  
Herbert Rattan Works, Kingston, N. Y.  
Herald Bros. Co., Cleveland, O.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New  
York, N. Y. "Cleanebest"  
Hoge Brush Co., New Knoxville, O.  
Holcomb (J. L.) Mfg. Co., Indianapolis, Ind.  
Hygenia Brush Co., Worcester, Mass.  
Illinois Duster Co., 1944 W. Webster Av., Chicago,  
Ill.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis,  
Ind. "Capital"  
Jacobson Mfg. Co., Verona, N. J.  
Lay (Jos.) Co., Portland, Ind. "Kitchenette"  
Leiner (Geo. S.) & Co., 1250 Brook Av., New York,  
N. Y.  
Lewis, Wm. H., Abingdon, Ill.  
Liner (David) & Sons, 10 Astor Pl., New York,  
N. Y. "Liner's"  
Maendler Brush Mfg. Co., Inc., St. Paul, Minn.  
Maxwellman (Chas.), Detroit, Mich.  
Maxwell Brushes, Inc., 213 E. 144th, New York,  
N. Y.  
Merchants & Manufacturers Co., Springfield, Mass.  
"Bates" (Sponge Rubber)  
Michigan Brush Mfg. Co., Inc., Detroit, Mich. "Motor  
City"  
Mil-Rose Co., Cleveland, O.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th,  
Milwaukee, Wis.  
National Brush & Broom Co., Ridgeville, Ind.  
"Durability"  
New York Feather Duster Co., Inc., 216 Mercer,  
New York, N. Y.  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Ox Fibre Brush Co., 5401 Hamilton Av., Cleveland, O.  
"Blackbird," "Green Back," "Heavy Duty," "Os-  
born," "Veteran"  
Ox Fibre Brush Co., Frederick, Md.  
Pittsburgh Plate Glass Co., Brush Div., 3221 Fred-  
erick Av., Baltimore, Md.  
Rennous-Kleinle Div. Pittsburgh Plate Glass Co.,  
Baltimore, Md. "Gold Stripe"  
Super Brush Manufacturers, 34 Hubert, New York,  
N. Y.

Schaefer Brush Mfg. Co., 117 W. Walker, Milwau-  
kee, Wis.  
Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.  
"Shanday"  
Silver-Chamberlin Co., Clayton, N. J. "Nibco"  
U. S. Brush Co., Omaha, Neb.  
Warner (W. E.) & Co., 265 Canal, New York,  
N. Y.

**BRUSHES, Kalsomine**

(See also Brushes, Paint and Varnish)  
Alabastine Co., 835 Chicago Drive, S.W., Grand  
Rapids, Mich. "Alabastine Matched"  
American Brush Mfg. Co., Portland, Ore. "Ambruco"  
Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
Bentzinger Bros., 317 N. 3d, St. Louis, Mo.  
Bowditch-Packard Co., Inc., Boston, Mass.  
Bromwell Brush Mfg. Co., Seymour, Ind.  
Burton Brush Co., Cambridge, Mass.  
Clinton (E.) & Co., Inc., 1204 S. 12th, Phila., Pa.  
Costello (J. S.) & Son Brush Co., St. Louis, Mo.  
Dell (Samuel M.) & Co., Inc., Baltimore, Md. "Var-  
dell"  
Elder & Jenks, 411 Vine, Phila., Pa.  
Empire Brush Wks., Port Chester, N. Y.  
Felton (S. A.) & Son Co., Manchester, N. H.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Gerts-Lumbard & Co., Inc., Chicago, Ill.  
Hanlon & Goodman Co., 6 Riverside Av., Belleville,  
N. J.  
Herbert Rattan Works, Kingston, N. Y. "Nu-Glo"  
Horse Brush Co., New Knoxville, O.  
Liner (David) & Sons, 10 Astor Pl., New York,  
N. Y. "Liner's"  
Maendler Brush Mfg. Co., Inc., St. Paul, Minn.  
Michigan Brush Mfg. Co., Inc., Detroit, Mich. "Motor  
City"  
National Brush Co., Aurora, Ill.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
"Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Pitegoff Bros., 323 Van Buren, B'klyn, N. Y.  
Pittsburgh Plate Glass Co., Brush Div., Baltimore,  
Md.  
Pushee (J. C.) & Sons, Inc., 700 Harrison Av.,  
Boston, Mass.  
Rennous-Kleinle Division Pittsburgh Plate Glass Co.,  
Baltimore, Md. "Gold Stripe"  
Rubberet Co., 56 Ferry, Newark, N. J.  
Rubico Brush Manufacturers, 34 Hubert, New York,  
N. Y.  
Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.  
"Silver Top"  
Star Brush Mfg. Co., Inc., 700 Harrison Av., Bos-  
ton, Mass.  
Superkleen Brushes, Div. Devoe & Reynolds Co.,  
Inc., 460 Smith, B'klyn, N. Y. "Superkleen"  
Superset Brush Co., Inc., Bellows Falls, Vt. "Kleen-  
hand"  
Wadsworth, Howland & Co., Boston, Mass.  
Whiting-Adams Co., 700 Harrison Av., Boston, Mass.  
Wolfe Brush Co., Pittsburgh, Pa.  
Wooster Brush Co., Wooster, O. "Foss-Set,"  
"Lindbeck," "Notacks," "Ohio," "Shasta," "Ted-  
the-Tester"

Dell (Samuel M.) & Co., Inc., Baltimore, Md. "Fitz-  
Rite," "Vardell"  
Ely Brush Co., 208 Green, New York, N. Y.  
Elder & Jenks, 411 Vine, Phila., Pa.  
Felton (S. A.) & Son Co., Manchester, N. H. "Felton-  
Made"  
Gerts-Lumbard & Co., Inc., Chicago, Ill.  
Hanlon & Goodman Co., 6 Riverside Av., Belleville,  
N. J. "Met-L-Kal," "Rubristo"  
Jacobson Mfg. Co., Verona, N. J.  
Liner (David) & Sons, 10 Astor Pl., New York,  
N. Y. "Liner's"  
Maendler Brush Mfg. Co., Inc., St. Paul, Minn.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
"Osborn"  
Pitegoff Bros., 323-30 Van Buren, Brooklyn, N. Y.  
Pittsburgh Plate Glass Co., Brush Div., 3221 Fred-  
erick Av., Baltimore, Md. "Gold Stripe"  
Pollock Brush Co., Easton, Pa.  
Pushee (J. C.) & Sons, Inc., 700 Harrison Av.,  
Boston, Mass.  
Rennous-Kleinle Division Pittsburgh Plate Glass Co.,  
Baltimore, Md. "Gold Stripe"  
Robinson, Edward E., 347 W. B'way, New York,  
N. Y. "Excelsior"  
Rubberet Co., 56 Ferry, Newark, N. J.  
Rubico Brush Manufacturers, 34 Hubert, New York,  
N. Y.  
Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.  
"Silver Top"  
Star Brush Mfg. Co., Inc., 700 Harrison Av., Bos-  
ton, Mass.  
Superkleen Brushes, Div. Devoe & Reynolds Co.,  
Inc., 460 Smith, B'klyn, N. Y. "Superkleen"  
Superset Brush Co., Inc., Bellows Falls, Vt. "Kleen-  
hand"  
Wadsworth, Howland & Co., Boston, Mass.  
Whiting-Adams Co., 700 Harrison Av., Boston, Mass.  
Wolfe Brush Co., Pittsburgh, Pa.  
Wooster Brush Co., Wooster, O. "Foss-Set,"  
"Lindbeck," "Notacks," "Ohio," "Shasta," "Ted-  
the-Tester"

**BRUSHES, Paper Hangers'**

American Brush Corp., 1113 N. Franklin, Chicago,  
Ill.  
Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
Bentzinger Bros., 317 N. 3d, St. Louis, Mo.  
Bowditch-Packard Co., Inc., Boston, Mass.  
Burton Brush Co., Cambridge, Mass.  
Clinton (E.) & Co., 1204 S. 12th, Phila., Pa.  
Costello (J. S.) & Son Brush Co., St. Louis, Mo.  
Dell (Samuel M.) & Co., Inc., Baltimore, Md.  
Du-All Mfg. Co., Geneva, O.  
Elder & Jenks, 411 Vine, Phila., Pa.  
Empire Brush Wks., Port Chester, N. Y.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Flour City Brush Co., Minneapolis, Minn.  
Gerts-Lumbard & Co., Inc., Chicago, Ill.  
Hanlon & Goodman Co., 6 Riverside Av., Belleville,  
N. J.  
Herbert Rattan Works, Kingston, N. Y. "Nu-Glo"  
Liner (David) & Sons, 10 Astor Pl., New York,  
N. Y. "Liner's"  
Maendler Brush Mfg. Co., Inc., St. Paul, Minn.  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
"Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Pittsburgh Plate Glass Co., Brush Div., 3221 Fred-  
erick Av., Baltimore, Md.  
Pollock Brush Co., Easton, Pa.  
Pushee (J. C.) & Sons, Inc., 700 Harrison Av.,  
Boston, Mass.  
Rennous-Kleinle Division Pittsburgh Plate Glass Co.,  
Baltimore, Md. "Gold Stripe"  
Rubberet Co., 56 Ferry, Newark, N. J.  
Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.  
"Shanday"  
Star Brush Mfg. Co., 700 Harrison Av., Boston,  
Mass.  
Superkleen Brushes, Div. Devoe & Reynolds Co.,  
Inc., 460 Smith, B'klyn, N. Y. "Superkleen"  
Whiting-Adams Co., 700 Harrison Av., Boston, Mass.  
Wooster Brush Co., Wooster, O. "Foss-Set," "Ted-  
the-Tester"

**BRUSHES, Paste**

Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
Clinton (E.) & Co., Inc., 1204 S. 12th, Phila., Pa.  
Dell (Samuel M.) & Co., Inc., Baltimore, Md.  
Elder & Jenks, 411 Vine, Phila., Pa.  
Hanlon & Goodman Co., 6 Riverside Av., Belle-  
ville, N. J.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
"Osborn"  
Pittsburgh Plate Glass Co., Brush Div., 3221 Fred-  
erick Av., Baltimore, Md.  
Rubberet Co., 56 Ferry, Newark, N. J.  
Superkleen Brushes, Div. Devoe & Reynolds Co.,  
Inc., 460 Smith, B'klyn, N. Y. "Superkleen"  
Wooster Brush Co., Wooster, O. "Foss-Set," "Ted-  
the-Tester"

**BRUSHES, Platers'**

Anderson Corp., Worcester, Mass.  
Felton (S. A.) & Son Co., Manchester, N. H.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Michigan Brush Mfg. Co., Inc., Detroit, Mich. "Mo-  
tor City"  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th,  
Milwaukee, Wis.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
"Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Pittsburgh Plate Glass Co., Brush Div., 3221 Fred-  
erick Av., Baltimore, Md.  
Rennous-Kleinle Div. Pittsburgh Plate Glass Co.,  
Baltimore, Md. "Perfect Balance"

**BRUSHES, Nail**

Bromwell Brush Mfg. Co., Seymour, Ind.  
Burton Brush Co., Cambridge, Mass.  
Empire Brush Wks., Port Chester, N. Y.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Hayes Duster & Brush Co., 64 Lisenard, New York,  
N. Y.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New  
York, N. Y. "Cleanebest"  
Hygenia Brush Co., Worcester, Mass.  
Leiner (Geo. S.) & Co., 1250 Brook Av., New York,  
N. Y.  
Mil-Rose Co., Cleveland, O.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th,  
Milwaukee, Wis.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
"Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Silver-Chamberlin Co., Clayton, N. J. "Nibco"  
Walling Bros., Inc., Springfield, N. Y. (Rubber)  
Whiting-Adams Co., 700 Harrison Av., Boston, Mass.

**BRUSHES, Paint and Varnish**

American Brush Mfg. Co., Portland, Ore. "Am-  
bruco"  
Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
Bentzinger Bros., 317 N. 3d, St. Louis, Mo.  
Bowditch-Packard Co., Inc., Boston, Mass. "Packard"  
Bromwell Brush Mfg. Co., Seymour, Ind.  
Burton Brush Co., Cambridge, Mass.  
Clinton (E.) & Co., Inc., 1204 S. 12th, Phila., Pa.  
Costello (J. S.) & Son Brush Co., St. Louis, Mo.

# UNION

## FARM AND GARDEN TOOLS

### RAZOR-BACK • SPEEDLINE

#### SHOVELS      GARDEN TOOLS



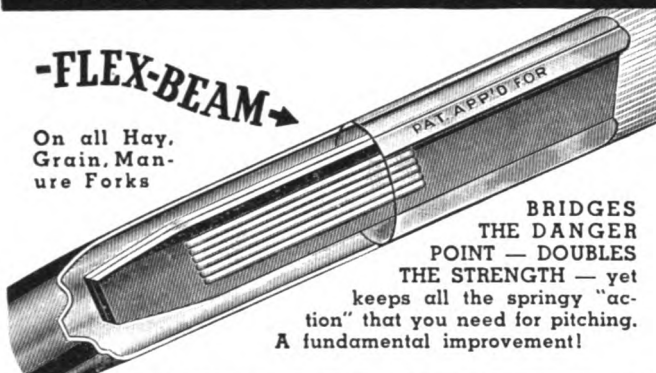
BETTER DISPLAYED      — SOONER SOLD

**—the Tools with the Features That Sell!**

**A Fork Handle That Won't  
BREAK — Yet is FULL OF ACTION**

**-FLEX-BEAM-**

On all Hay,  
Grain, Man-  
ure Forks



BRIDGES  
THE DANGER  
POINT — DOUBLES  
THE STRENGTH — yet  
keeps all the springy "ac-  
tion" that you need for pitching.  
A fundamental improvement!

**UNION** FOR FARM  
AND GARDEN

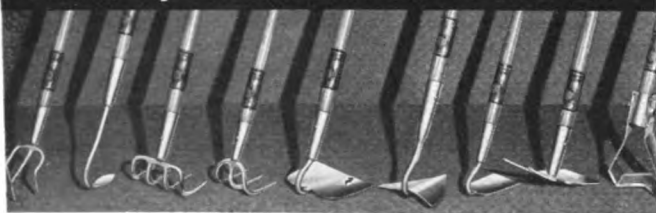
**The ONLY Shovel with  
a BACKBONE . . .**

60% THICKER  
CENTER — ALL  
THE WAY —  
from Cutting  
Edge to Upper  
Part of Socket!  
NO IMITATOR  
HAS THIS  
CONSTRUCTION



**RAZOR-BACK SHOVELS**

**Light, Fast Garden Tools in a  
Class by Themselves for BEAUTY!**



UNION dealers did over 15% of their whole 1939 tool business on these 17 SPEEDLINE items — quick turn-over, big volume, full mark-up. Blue handles and gold trim match eye appeal with popular price appeal.

**-SPEEDLINE-** FOR HOME  
GARDENERS

**And Every Tool We Make  
RENEWABLE for LONGER LIFE**

Every tool we make is permanently marked like this.

Every Right Repair Handle we make is permanently marked like this.

UNION FORK & HOE CO. SB34  
TO REPAIR CORRECTLY USE  
RIGHT REPAIR HANDLE No 50

UNION FORK & HOE CO.  
RIGHT REPAIR HANDLE No 50  
UNION XX QUALITY

**RIGHT REPAIR HANDLES**

# THE UNION FORK & HOE COMPANY

Mention Hardware Age When Writing

Digitized by Google



Order RAZOR-BACK Shovels from This Catalog Page—Cut Your Stock 95%

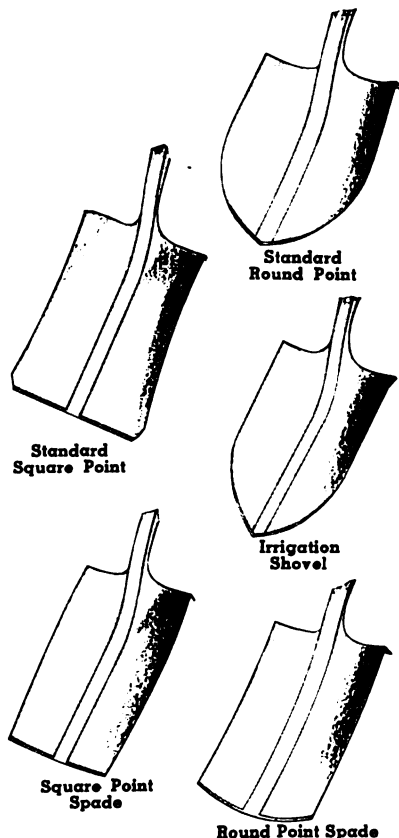


THE SHOVEL  
WITH A BACKBONE  
**60% Thicker**  
ALL THE WAY  
FROM TOP OF SOCKET  
THROUGH THE FROG  
and  
AT THE POINT

TUBULAR SHANK SHOVEL—One Grade, One Type, Meets Every Need Because:

- (1) Standard RAZOR-BACKS now have the feel and balance of a strap-back, without the weakness of strap-back welds.
- (2) Every shovel is built to exceed U. S. Gov't. specifications for strength—forged in one piece with 60% thicker full-length backbone and 11-inch socket.
- (3) New bright "Anti-Friction" finish is smoother, as well as much tougher, than "polished" shovels.
- (4) Guaranteed to give MORE SERVICE PER DOLLAR than any other shovel.

DESCRIPTIVE TOOL NAME	Anti-Friction Finish Cat. No.	Black Finish Cat. No.	Handle	Blade Size	Approx. Handle Lift	Right Repair Handle No.	Approx. Weight per Dozen
Standard No. 2 Round Point	R248A	R248	Long	9"x12"	31"	1004	55 Lbs.
" " " "	R2UDA	R2UD	Dee	9"x12"	19"	1005	55 Lbs.
Standard No. 2 Square Point	S248A	S248	Long	9 3/4"x12"	31"	1004	58 Lbs.
" " " "	S2UDA	S2UD	Dee	9 3/4"x12"	19"	1005	58 Lbs.
Standard No. 3 Round Point	R348A	R348	Long	9 1/2"x12 1/2"	31"	1004	64 Lbs.
" " " "	R3UDA	R3UD	Dee	9 1/2"x12 1/2"	19"	1005	64 Lbs.
Standard No. 3 Square Point	S348A	S348	Long	10 1/4"x12 1/2"	31"	1004	66 Lbs.
" " " "	S3UDA	S3UD	Dee	10 1/4"x12 1/2"	19"	1005	66 Lbs.
Standard No. 4 Round Point	R448A	R448	Long	10"x13"	31"	1004	65 Lbs.
" " " "	R4UDA	R4UD	Dee	10"x13"	19"	1005	65 Lbs.
Standard No. 4 Square Point	S448A	S448	Long	10 1/4"x13"	31"	1004	67 1/2 Lbs.
" " " "	S4UDA	S4UD	Dee	10 1/4"x13"	19"	1005	67 1/2 Lbs.
Ditching and Spading Shovel	SR48A	SR48	Long	9"x12"	22"	1007	56 Lbs.
" " " "	SRUDA	SRUD	Dee	9"x12"	13 1/2"	1006	56 Lbs.
Irrigating Shovel—Rd. Point	IR48A	IR48	Long	8 3/4"x11 1/2"	22"	1002	52 Lbs.
" " " "	IR148A	IR148	Long	8"x11"	22"	1002	48 Lbs.
Rice Shovel	RP48A	RP48	Long	9"x11 1/4"	22"	1007	54 Lbs.
Garden Spade—Round Point	GR48A	GR48	Long	7 1/4"x12"	22"	1007	52 Lbs.
" " " "	GRUDA	GRUD	Dee	7 1/4"x12"	13 1/2"	1006	52 Lbs.
Garden Spade—Sq. Point	GS48A	GS48	Long	7 1/4"x12"	22"	1007	52 Lbs.
" " " "	GSUDA	GSUD	Dee	7 1/4"x12"	13 1/2"	1006	52 Lbs.
Brick & Sewer Shovel—Sq.Pt.	BSUDA	BSUD	Dee	9"x10"	19"	1005	56 Lbs.



COLUMBUS, O. • FRANKFORT, N.Y. • JACKSON, MISS.

# DeLuxe Household Metalware

Here, illustrated, are a few of the outstanding sellers in the big popular DeLuxe Line of Modern Household Metalware. Every item is backed by 39 years of experience in producing Quality Products that give complete customer satisfaction, build volume business and steady repeat profits for every jobber and Dealer. Ask your jobber's Representative.



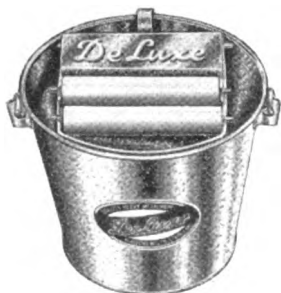
## DeLuxe Kitchen Cans

No. 749—The "French Rose," the newest creation in modern colored kitchenware. White enamel coated—black or red trim, with painted or galvanized inset. 2 sizes. Capacity 10½ and 11½ qts. Moderately priced.



## DeLuxe Improved Angel Cake Pan

No. 2010—It honors the name. Made of plain IX tin with tube and cooling feet riveted securely to top. Each pan attractively labeled with approved receipts on reverse side. Size: 10¼" x 4 1/8". Also without cooling feet and with higher tube.



## DeLuxe Improved Mop Wringer Pail

No. 2940—An Amazing New Invention. Permits opening, inserting mop and wringing with unusual ease. Extra heavy, all parts completely hot-dipped; simple construction, no springs. Capacity 14½ qts. Size: 12½" x 9¾".



## DeLuxe Water Pails

No. 308—Standard weight, hot-dipped, swedged body, deep bottom. Capacity 8 qts. Other sizes, cap.: 10½ to 17 qts. Other styles.



## DeLuxe Four-Piece Canister Set

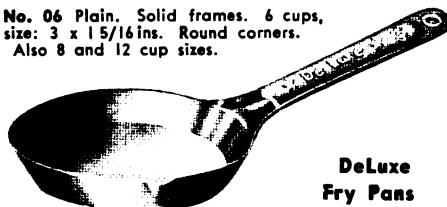
No. 705—"French Rose" colored kitchen set including: Tea, Coffee, Sugar and Flour Canisters of extra large sizes, with slip covers and bakelite knobs.

Also No. 780R DeLuxe 8 piece "French Rose" white enameled coated kitchen set—Red or Black Trim. Comprises: Oval Waste Basket, Kitchenette Bread Box, 4 Piece Canister Set, Step-On Kitchen Can and Covered Dust Pan. A beautiful set.



## DeLuxe Corn or Lemon Cake Pans

No. 06 Plain. Solid frames. 6 cups, size: 3 x 1 5/16 ins. Round corners. Also 8 and 12 cup sizes.



## DeLuxe Fry Pans

No. 39 Cold handles, Silver finish. Size: Top 6 ins. Depth 1¼ ins. Also 8 other sizes: From 7 x 1¼ ins. to 12 x 2¼ ins.



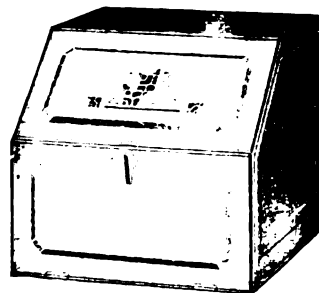
## DeLuxe Oil Cans

No. 1055. Extra large combination pouring spouts. Galvanized tops. Red trim. Capacity 5 gals. Size 11 x 15 ins. Other styles and sizes.



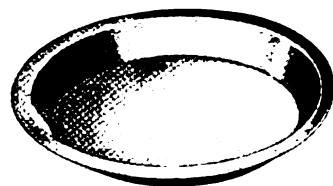
## DeLuxe Oval Waste Basket

No. 725—An attractive waste basket, neatly designed and beautifully colored. Actual capacity 12 quarts. Also Round Waste Baskets and Kitchen Waste Baskets, attractively colored.



## DeLuxe Bread and Cake Box

No. 739—Two Compartment Slant-Top Bread Box of pleasing design and dependable quality. Size: 13 x 11¼ x 11 ins. R-White with Red Trim; K-White with Black Trim. Also other styles.



## DeLuxe Deep Pie Plates

No. 304—Plain in name only. So popular they are furnished in 9 different sizes. From 4 5/16" x 1 1/16" to 11 9/16" x 1 1/4". Smallest size No. 304—largest No. 312.



## DeLuxe Nestable Garbage Cans

No. 000—Hot-dipped, galvanized after made up. Corrugated sides. Deep galv'd. seamless covers. Lock wire bail. Cap.: 3 to 10 gals.



# Schlueter Mfg. Co., St. Louis, Mo.



**BRUSHES, Rifle—See Brushes, Firearms'**

**BRUSHES, Refrigerator**

Braun, Paul, 193 Wilson Av., Bklyn., N. Y.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
Maxwell Brushes, Inc., 218 E. 144th, New York, N. Y.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"

**BRUSHES, Roofing**

American Brush Corp., 1113 N. Franklin, Chicago, Ill.  
Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
Benzinger Bros., 317 N. 3d, St. Louis, Mo.  
Burton Brush Co., Cambridge, Mass.  
Castello (J. S.) & Son Brush Co., St. Louis, Mo.  
Dell (Samuel M.) & Co., Inc., Baltimore, Md.  
Elder & Jenks, 411 Vine, Phila., Pa.  
Empire Brush Wks., Port Chester, N. Y.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Hanlon & Goodman Co., 6 Riverside Av., Belleville, N. J.  
Herbert Rattan Works, Kingston, N. Y.  
Hoge Brush Co., New Knoxville, O.  
Indianapolis Brush & Broom Mfg. Co., Inc., Indianapolis, Ind.  
Laitner (A.) & Sons, Detroit, Mich.  
Lay (Joseph) Co., Portland, Ind.  
Linzer (David) & Sons, 10 Astor Pl., New York, N. Y. "Linzer's"  
Maendler Brush Mfg. Co., Inc., St. Paul, Minn.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Newark Brush Co., 241 South, Newark, N. J.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
Rennous-Kleinle Division Pittsburgh Plate Glass Co., Baltimore, Md. "Gold Stripe"  
Superkleen Brushes, Div. Devoe & Reynolds Co., Inc., 460 Smith, B'klyn., N. Y. "Superkleen"  
Warner (W. E.) & Co., 265 Canal, New York, N. Y.  
Whiting-Adams Co., 700 Harrison Av., Boston, Mass.  
Wolfe Brush Co., Pittsburgh, Pa.  
Wooster Brush Co., Wooster, O. "Foss-Set," "Ted-the-Tester"

**BRUSHES, Sanitary**

American Brush Corp., 1113 N. Franklin, Chicago, Ill.  
Du-All Mfg. Co., Geneva, O.  
Empire Brush Wks., Port Chester, N. Y.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
Mill-Rose Co., Cleveland, O.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Silver-Chamberlin Co., Clayton, N. J. "Nibco"

**BRUSHES, Scrubbing**

American Brush Mfg. Co., Portland, Ore. "Am-bruco"  
Blumenthal (H.) & Co., 241 Centre, New York, N. Y.  
Braun, Paul, 193 Wilson Av., Bklyn., N. Y.  
Bromwell Brush Mfg. Co., Seymour, Ind.  
Burton Brush Co., Cambridge, Mass.  
Du-All Mfg. Co., Geneva, O.  
Elder & Jenks, 411 Vine, Phila., Pa.  
Empire Brush Wks., Port Chester, N. Y.  
Felton (S. A.) & Son Co., Manchester, N. H. "Felt-on-Made"  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Herold Bros. Co., Cleveland, O.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
Holcomb (J. I.) Mfg. Co., Indianapolis, Ind.  
Indianapolis Brush & Broom Mfg. Co., Indianapolis, Ind. "Capital"  
National Brush Co., Aurora, Ill.  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Ox Fibre Brush Co., Frederick, Md. "Goose Brand"  
Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
Pollock Brush Co., Easton, Pa.  
Shane & Hays, Inc., 5300 21st Av., B'klyn., N. Y.  
Wolfe Brush Co., Pittsburgh, Pa.

**BRUSHES, Shaving**

American Safety Razor Corp., 308 Jay, B'klyn., N. Y. "Ever-Ready"  
Auster (Leopold) Co., Inc., 22 W 15th, New York, N. Y.  
Cattaraugus Cutlery Co., Little Valley, N. Y.  
Ezra (James Lowe) Co., 100 Water, B'klyn., N. Y. "Solid Set"  
Wolfe Bros. & Co., 2028 Pacific, B'klyn., N. Y.  
Rubberet Co., 56 Ferry, Newark, N. J.  
Whiting-Adams Co., 700 Harrison Av., Boston, Mass.

**BRUSHES, Shoe**

Brown Co., Inc., 193 Piedmont, Waterbury, Conn.  
Bromwell Brush Mfg. Co., Seymour, Ind.  
Cassins (O.) Sons, Troy, N. Y.  
Empire Brush Wks., Port Chester, N. Y.  
Flatt (E. T.) Mfg. Co., Rochester, N. Y. "Gilco"

Hayes Duster & Brush Co., 64 Lispenard, New York, N. Y.  
Herbert Rattan Works, Kingston, N. Y.  
Herold Bros. Co., Cleveland, O.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
Hoge Brush Co., New Knoxville, O.  
National Brush Co., Aurora, Ill.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
Pollock Brush Co., Easton, Pa.  
Shane & Hays, Inc., 5300 21st Av., B'klyn., N. Y.  
Thayer (P. E.) & Co., Pawtucket, R. I.

**BRUSHES, Sink**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
American Brush Mfg. Co., Portland, Ore. "Am-bruco"  
Biltwell Brush Co., Rockford, Ill.  
Bookbroom & Brush Co., Inc., 220 W. 42nd, New York, N. Y.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Fogarty (Philip) Co., 49 Wyona, Bklyn., N. Y. "Anchor"  
Hamblin & Russell Mfg. Co., Worcester, Mass. "H. & R."  
Herold Bros. Co., 1104 W. 9th, Cleveland, O.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
Hoge Brush Co., New Knoxville, O.  
Hygenia Brush Co., Worcester, Mass.  
Leiner (Geo. S.) & Co., 1250 Brook Av., New York, N. Y.  
Maxwell Brush, Inc., 218 E. 144th, New York, N. Y.  
Mill-Rose Co., Cleveland, O.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
National Brush Co., Aurora, Ill.  
Neuberger (Andrew J.) Co., Boston, Mass. "Ever-lasto"  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Peerless Mfg. Co., New Durham, N. H.  
Pillay Flue Brush Co., St. Louis, Mo.  
Shane & Hays, Inc., 5300 21st Av., B'klyn., N. Y.  
Silver-Chamberlin Co., Clayton, N. J. "Nibco"  
Washburn Company, Worcester, Mass.

**BRUSHES, Soft Hair—See Brushes, Artists**

**BRUSHES, Stencil**

American Brush Mfg. Co., Portland, Ore. "Am-bruco"  
Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
Benzinger Bros., 317 N. 3d, St. Louis, Mo.  
Bowditch-Packard Co., Inc., Boston, Mass.  
Bradley (A. J.) Mfg. Co., 101 Beekman, New York, N. Y.  
Burton Brush Co., Cambridge, Mass.  
Clinton (E.) & Co., Inc., 1204 S. 12th, Phila., Pa.  
Costello (J. S.) & Son Brush Co., St. Louis, Mo.  
Dickey Grabler Co., Cleveland, O.  
Display Material Co., St. Paul, Minn.  
Elder & Jenks, 411 Vine, Phila., Pa.  
Gerts-Lumbard & Co., Inc., Chicago, Ill.  
Hanlon & Goodman Co., 6 Riverside Av., Belleville, N. J. "Perfection"  
Herbert Rattan Works, Kingston, N. Y. "Nu-Glo"  
Ideal Stencil Mach. Co., Belleville, Ill.  
Linzer (David) & Sons, 10 Astor Pl., New York, N. Y. "Linzer's"  
Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Markwell"  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Parks & Parks, Troy, N. Y.  
Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
Rennous-Kleinle Div. Pittsburgh Plate Glass Co., Baltimore, Md. "Gold Stripe"  
Rubberet Co., 56 Ferry, Newark, N. J.  
Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
Shane & Hays, Inc., 5300 21st Av., B'klyn., N. Y. "Shanday"  
Superkleen Brushes, Div. Devoe & Reynolds Co., Inc., 460 Smith, B'klyn., N. Y. "Superkleen"  
Whiting-Adams Co., 700 Harrison Av., Boston, Mass.  
Wooster Brush Co., Wooster, O.

**BRUSHES, Stove**

Bromwell Brush Mfg. Co., Seymour, Ind.  
Burton Brush Co., Cambridge, Mass.  
Dennins (O.) Sons, Troy, N. Y.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Herold Bros. Co., 1104 W. 9th, Cleveland, O.  
Hygenia Brush Co., Worcester, Mass.  
National Brush Co., Aurora, Ill.  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Pollock Brush Co., Easton, Pa.  
Silver-Chamberlin Co., Clayton, N. J. "Nibco"

**BRUSHES, Stucco**

Alabastine Co., 835 Chicago Drive, S.W., Grand Rapids, Mich. "Alabastine Matched"  
American Brush Mfg. Co., Portland, Ore. "Am-bruco"

Baker Brush Co., Inc., 87 Grand, New York, N. Y.  
Benzinger Bros., 317 N. 3d, St. Louis, Mo.  
Burton Brush Co., Cambridge, Mass.  
Clinton (E.) & Co., Inc., 1204 S. 12th, Phila., Pa.  
Dell (Samuel M.) & Co., Inc., Baltimore, Md. "Fitz-Rite"  
Elder & Jenks, 411 Vine, Phila., Pa.  
Hanlon & Goodman Co., 6 Riverside Av., Belleville, N. J.  
Hoge Brush Co., New Knoxville, O.  
Linzer (David) & Sons, 10 Astor Pl., New York, N. Y. "Linzer's"  
Maendler Brush Mfg. Co., Inc., St. Paul, Minn.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md. "Gold Stripe"  
Rennous-Kleinle Division Pittsburgh Plate Glass Co., Baltimore, Md. "Gold Stripe"  
Rubberet Co., 56 Ferry, Newark, N. J.  
Shane & Hays, Inc., 5300 21st Av., B'klyn., N. Y. "Shanday"  
Superkleen Brushes, Div. Devoe & Reynolds Co., Inc., 460 Smith, B'klyn., N. Y. "Superkleen"  
Whiting-Adams Co., 700 Harrison Av., Boston, Mass.  
Wooster Brush Co., Wooster, O. "Foss-Set," "Ted-the-Tester"

**BRUSHES, Toilet Bowl**

American Brush Corp., 1113 N. Franklin, Chicago, Ill.  
Braun, Paul, 193 Wilson Av., Bklyn., N. Y.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleansbest"  
Hoge Brush Co., New Knoxville, O.  
Leiner (Geo. S.) & Co., 1250 Brook Av., New York, N. Y.  
Lincolnwood Mfg. Co., 7560 Rogers Av., Chicago, Ill. "Bowl-Brite"  
Maxwell Brushes, Inc., 218 E. 144th, New York, N. Y.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
Shane & Hays, Inc., 5300 21st Av., B'klyn., N. Y. "Shanday"  
Silver-Chamberlin Co., Clayton, N. J. "Nibco"  
Warner (W. E.) & Co., 265 Canal, New York, N. Y.  
Wolfe Brush Co., Pittsburgh, Pa.

**BRUSHES, Tumbler and Glass**

Braun, Paul, 193 Wilson Av., Bklyn., N. Y.  
Jiffy Glass Brush Co., 380 Throop Av., Bklyn., N. Y.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Osborn Mfg. Co., Inc., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.

**BRUSHES, Varnish—See Brushes, Paint and Varnish**

**BRUSHES, Whitewash—See Brushes, Kalsomine; also Brushes, Paint and Varnish**

**BRUSHES, Window**

American Brush Mfg. Co., Portland, Ore. "Am-bruco"  
Benzinger Bros., 317 N. 3d, St. Louis, Mo.  
Blumenthal (H.) & Co., 241 Centre, New York, N. Y.  
Bowditch-Packard Co., Inc., Boston, Mass.  
Bromwell Brush Mfg. Co., Seymour, Ind.  
Burton Brush Co., Cambridge, Mass.  
Carroll Bros. & Co., Baltimore, Md.  
Empire Brush Wks., Port Chester, N. Y.  
Flatt (Jos. O.) & Co., Inc., Reading, Pa.  
Gerts-Lumbard & Co., Inc., Chicago, Ill.  
Hayes Duster & Brush Co., 64 Lispenard, New York, N. Y.  
Herbert Rattan Works, Kingston, N. Y.  
Hoag Duster Co., Monticello, Ia.  
Hoge Brush Co., New Knoxville, O.  
Holcomb (J. I.) Mfg. Co., Indianapolis, Ind.  
Illinois Duster Co., 1944 W. Webster Av., Chicago, Ill.  
Leiner (Geo. S.) & Co., 1250 Brook Av., New York, N. Y.  
Linzer (David) & Sons, 10 Astor Pl., New York, N. Y. "Linzer's"  
Maxwell Brushes, Inc., 218 E. 144th, New York, N. Y.  
Michigan Brush Mfg. Co., Inc., Detroit, Mich. "Motor City"  
Mill-Rose Co., Cleveland, O.  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Opie (J. W.) Brush Co., Kansas City, Mo.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Ox Fibre Brush Co., Frederick, Md.  
Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
Pollock Brush Co., Easton, Pa.  
Rennous-Kleinle Div. Pittsburgh Plate Glass Co., Baltimore, Md. "Gold Stripe"  
Samson Brush Co., 8 Chardon, Boston, Mass. "Samson"  
Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
Shane & Hays, Inc., 5300 21st Av., B'klyn., N. Y. "Shanday"  
Silver-Chamberlin Co., Clayton, N. J. "Nibco"  
Thayer (P. E.) & Co., Pawtucket, R. I.  
Warner (W. E.) & Co., 265 Canal, New York, N. Y.



# HEALTH GIVING ULTRA VIOLET RAYS (Sunshine Vitamin "D") PASS THRU

Ordinary Glass  
Stops the Sun's  
Vital Ultra-  
Violet Rays

## Warp's Window Materials

### Increase Your Profits - Give Better Service

#### Poultry House Windows



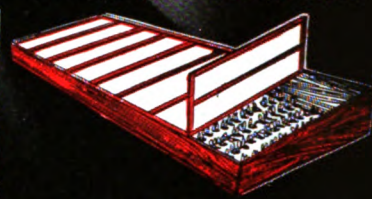
More Winter Eggs With No Extra Feed  
Healthy Chicks in One-Third Less Time

#### Porch Enclosures and Covering Screen Doors



Save Fuel—Avoid Drafts  
Just Nail on Over Screen

#### Hot Beds & Greenhouses



Grow Hardier Plants Quicker  
Holds in Heat Better than Glass

WARP'S WINDOW MATERIALS HAVE POINTS OF  
SUPERIORITY FOUND IN NO OTHER GLASS SUBSTITUTES

Not Just Dipped or Laminated

They have a waterproof foundation  
and are scientifically constructed!



124 tightly woven pre-shrunk threads in every square inch, acting the same as iron braces in concrete construction.

A patented mineral filling, high in ultra violet ray transmission, pressed into every crevice and smoothed over entire surface. The special mineral filling used in **Genuine Flex-O-Glass** will not disintegrate when wet.

Final step is to thoroughly impregnate every fibre as well as the mineral filling with a solution of high melting point, exceptionally waterproof wax composition, that will not run or discolor in use. **Flex-O-Glass** has a self-healing characteristic. **Genuine Flex-O-Glass** will not deteriorate in storage. It is the leading window material, truly a quality product.



Over 80 pre-shrunk threads per square inch.

Extra heavy filling that has no capillary action.

Same melting point of light stable wax coating as is used in making **Flex-O-Glass**, but not as highly impregnated and not quite as transparent. Can be patched with a hot flatiron. **Warp's Window-Fabric** will not deteriorate in storage.



Patent Pending

**Warp's Glass-O-Net** has extra strong cords that will not soak up with water to act as wicks, because every cord is waterproofed.

Tough waterproof composition around each joint so as to bind all parts securely together. No air spaces in **Warp's Glass-O-Net** to make it feel thicker. No place for water to lodge.

Exceptionally transparent cellulose acetate coating, extra high in ultra-violet ray transmission, bonded together into one solid sheet. You will find no cheap rosin, glue or paste to decompose in **Warp's Glass-O-Net**.



Patent Pending

Extra strong, galvanized wire base, drawn tough and thin so as to admit more light. Every strand securely held in place by being sealed at every joint.

Tough, transparent weatherproof plastic applied over all the joints and wires before the cellulose acetate is applied. Exceptionally transparent cellulose acetate coating, extra high in ultra-violet ray transmission, applied over a tough plastic cushion that bonds everything securely together into one sheet. You will find no air holes, no cheap rosin, no glue or paste to decompose in **Warp's Wyr-O-Glass**.

#### GENUINE EXTRA-HEAVY FLEX-O-GLASS

25, 50 or 100 Yd. Rolls  
36" Wide, 55 lb. per 100 yds.  
Retail @ 25c Sq. Yd.

THIS FLEX-O-GLASS DISPENSER CAN EASY DOUBLE YOUR SALES



PAT.  
No. 2,181,555

#### Warp's WINDOW-FABRIC

25, 50 or 100 Yd. Rolls  
36" Wide, 42 lb. per 100 yds.  
Retail @ 18-20c. Yd.

#### Warp's GLASS-O-NET

15, 25 or 50 Yd. Rolls  
36" Wide, 35 lb. per 100 yds.  
Retail @ 50c. Sq. Yd.

#### Warp's WYR-O-GLASS

10, 25 or 50 Yd. Rolls  
36" Wide, 60 lb. per 100 yds.  
Retail @ 75c. Sq. Yd.

#### FREE TO DEALERS — PATENTED DISPENSERS

Exclusive with Warp's Window Materials!

Single Roll Dispenser for Genuine **FLEX-O-GLASS**, the Most Extensively Used Glass Substitute and Most Highly Advertised (Shown at left).

Dispenser for All 4 of Warp's Window Materials, Shown at Right, Takes only 3 Sq. Ft. of Counter Space. Easy Measuring & Cutting.

ATTRACTIVE DISPLAY—QUICK TURNOVER—MORE PROFIT. CARRIED BY BETTER JOBBERS EVERYWHERE OR WRITE FOR FREE SAMPLES

**FLEX-O-GLASS MFG. CO., H. Warp, Pres.**  
1104-6-8 N. Cicero Ave., Chicago, Ill.



NOTE: Copyright, 1940 by H. Warp. The Dispenser and Flex-O-Glass are covered by U. S. Letters Patent, Glass-O-Net and Wyr-O-Glass by Pending Applications. The Copyrights, Patents, Patent Applications and Trade Marks, Flex-O-Glass, Window-Fabric, Glass-O-Net, and Wyr-O-Glass are the property of Flex-O-Glass Mfg. Co., Chicago. No Infringements, Please.



## BRUSHES, Wire, Steel

Anderson Corp., Worcester, Mass.  
 Brown, F. W., Farmington, N. H.  
 Elder & Jenks, 411 Vine, Phila., Pa.  
 Elder (S. A.) & Son Co., Manchester, N. H.  
 Herold Bros. Co., 1104 W. 9th, Cleveland, O.  
 Hoge Brush Co., New Knoxville, O.  
 Manufacturers Brush Co., 12501 Elmwood Av., Cleveland, O.  
 Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
 "Economy," "Junior," "Master," "Monitor," "Osborn"  
 Perless Mfg. Co., New Durham, N. H.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Pilley Fine Brush Co., St. Louis, Mo.  
 Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md. "Even Trim," "Perfect Balance"  
 Rennous-Klein Div., Pittsburgh Plate Glass Co., Baltimore, Md. "Unifill"  
 Rinn (Albert E.) Co., Allentown, Pa. "Samson"  
 Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
 U. S. Brush Co., Omaha, Neb.  
 Worcester Brush & Scraper Co., Worcester, Mass. "Randy," "Win-er"

## BRUSHES, Wire Wheel

Anderson Corp., Worcester, Mass.  
 Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"  
 Felton (S. A.) & Son Co., Manchester, N. H.  
 Herold Bros. Co., 1104 W. 9th, Cleveland, O.  
 Manufacturers Brush Co., 12501 Elmwood Av., Cleveland, O.  
 Milwaukee Brush Co., 2212 N. 35th, Milwaukee, Wis.  
 Newark Brush Co., 241 South, Newark, N. J.  
 Ohio Brush Co., 3093 E. 78th, Cleveland, O.  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
 Pittsburgh Plate Glass Co., Brush Div., 3221 Frederick Av., Baltimore, Md.  
 Worcester Brush & Scraper Co., 38 Austin, Worcester, Mass.

## BUCK SAWS—See Saws, Buck

## BUCK SHOT—See Shot, Lead

## BUCKET PUMPS—See Pumps, Bucket

## BUCKETS, Grease

Gen Mfg. Co., Pittsburgh, Pa.  
 Gruder, Paschke & Frey Co., Milwaukee, Wis.  
 Roe (Frank) Mfg. Co., Hastings, Neb.  
 BUCKETS, Minnow—See Pails, Minnow

## BUCKETS, Pump, Leather

Excelsior Leather Washer Mfg. Co., Rockford, Ill.  
 "X.L."  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.

## BUCKETS, Pump, Rubber

Crosby Co., Cuba, N. Y. "Queen"  
 Hodel Chain Co., 3884 Cooper Av., Cleveland, O.  
 "Cleveland"  
 Star Bucket Pump Co., St. Louis, Mo. "Cooper," "Rex"

## BUCKETS, Well

Atlantic Stamping Co., Rochester, N. Y. (Galvanized)  
 Davis Cooperage Co., Martinsville, Ind.  
 Gruder, Paschke & Frey Co., Milwaukee, Wis.  
 "Cream City"  
 Jakes-Evans Mfg. Co., St. Louis, Mo. (Galvanized, Bored)  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Bowers Steel & Mfg. Co., Dover, O.  
 Southwest Hdw. Mfg. Co., Fort Smith, Ark. "Blue Label," "Dixie," "Mississippi Valley," "Southwest" (Galvanized Bored)

## BUCKETS, Wooden—See Pails and Buckets, Wooden

## BUCKLES, Bale

Acme Steel Co., Chicago, Ill.  
 American Nut & Bolt Fastener Co., Pittsburgh, Pa.  
 Bueling's (John A.) Sons Co., Trenton, N. J.  
 Stanley Wks., New Britain, Conn.

## BUCKLES, Harness

Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 1234 Tennyson Rd., S.E., Cleveland, O.  
 Felton (S. A.) & Son Co., Manchester, N. H.  
 Imperial Bit & Snap Co., Racine, Wis.  
 Johnson (R. C.) & Co., 306 Adams, Newark, N. J.  
 Midland Co., South Milwaukee, Wis. "Economy," "Hansich"  
 Moline Iron Wks., Moline, Ill.  
 North & Judd Mfg. Co., New Britain, Conn. "Tung."  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 Shaw Iron Products Co., Racine, Wis. "Sipco"  
 Steben-Amberg Co., 262 Morris Av., Newark, N. J.  
 Waco Mfg. Co., Inc., Buffalo, N. Y.  
 Waterbury Button & Mfg. Co., Waterbury, Conn.

## BUCKLES, Turn—See Turnbuckles

## BUCKLES, Saw

Bee (John) Mfg. Co., Chicago, Ill.  
 Borton (Henry) & Sons, Inc., (Tacony), Phila., Pa.

## Hutchins & Hutchinson, Bristol, N. H.

Snodcraft, Inc., Norway, Me.  
 Stedman (M. W.) Co., Tyringham, Mass.  
 Wells (Frank B.) Co., Bristol, N. H.

## BUDDING KNIVES—See Knives, Florist, Nursery and Budding

## BUFFERS, Manicure—See Sets, Manicure

## BUFFING BRUSHES—See Brushes, Buffing

## BUFFING WHEELS—See Wheels, Polishing

## BUGGIES, DOLL—See Carriages, Doll

## BUGGY SHAFTS—See Shafts, Buggy, Carriage & Wagon

## BUGS, Fishing—See Flies, Fishing

## BUILDERS' BOARDS, Composition—See Boards, Wall

## BUILDERS' HARDWARE—See article desired

## BUILDERS' HARDWARE, WROUGHT IRON—See Wrought Iron, Hardware

## BUILDERS' TOOLS and SUPPLIES—See article desired

## BUILDING BLOCKS, Stone, Toy—See Blocks, Building, Stone, Toy

## BUILDING BLOCKS, Wood, Toy—See Blocks, Building, Wood, Toy

## BUILDING CORNERS—See Corners, Building

## BUILDING PAPER—See Paper, Roofing, Sheathing and Building

## BUILDING SHEATHING—See Sheathing, Building

## BUILT-IN MAIL BOXES—See Boxes, Built-In

## BUILT-IN-TWO BICYCLES—See Bicycles, Built-In-Two

## BULB-EDGE GLASS—See Glass, Bulb Edge

## BULBS, Electric—See Lamps or Bulbs, Electric

## BULL CHAINS—See Ties, Cattle

## BULL HEAD SKINNERS—See Skinners, Bull Head

## BULL NOSE PUNCHES—See Punches, Nose, Bull

## BULL NOSE RINGS—See Rings, Nose, Bull

## BULL PENS—See Pens, Bull

## BULL POINTS—See Points, Bull

## BULL STAFFS, Leading—See Staffs, Bull

## BULL STANCHIONS—See Stall & Stanchions, Cow and Bull

## BULL TIES—See Ties, Cattle and Horse

## BULLETS—See Cartridges, Rifle, Pistol, Etc.

## BUMPER GUARDS—See Guards, Bumper

## BUMPERS, Beer Keg

Rugg (E. T.) Co., Newark, O.

## BUMPERS, Bicycle

Magna Products Corp., 7 West 30th, New York, N. Y. "Hing-Flex"

## BUMPERS, Manila

Upson-Walton Co., 1280 W. 11th, Cleveland, O.

## BUMPERS, Rubber, Closet Seat

Barwood (L. F.) Mfg. Co., Stoneham, Mass.  
 Canfield (H. O.) Co., Bridgeport, Conn.  
 Canfield Rubber Co., Bridgeport, Conn.  
 Diamond Rubber Co., Inc., Akron, O.  
 Durat Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Elastic Tip Co., 370 Atlantic Av., Boston, Mass.  
 Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.  
 Good Mfg. Co., Inc., 200 Lincoln Av., New York, N. Y.  
 Goodrich (B. F.) Co., Akron, O.  
 International Plumbing Mfg. Co., 45 Murray, New York, N. Y.  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill.  
 "Lucky Strike"  
 Liberty Products Co., West Toledo Station, Toledo, O.  
 Merit Products, Inc., 11711 164th, Jamaica, N. Y.  
 Metamora Rubber Works, Metamora, O.  
 Miller (Robert E.), Inc., 35 Pearl, New York, N. Y. "Remco"  
 Quaker City Rubber Co., Phila., Pa.  
 Republic Rubber Co., Youngstown, O.  
 Rodale Mfg. Co., Emsus, Pa.  
 Schacht Rubber Mfg. Co., Huntington, Ind.  
 United States Rubber Co., 1230 6th Av., New York, N. Y.  
 Williams-Bowman Rubber Co., Cicero, Ill. "Willbow"

## BUN WARMERS—See Warmers, Bun

## BUNCHING TWINE—See Twine, Jute

## BUNG HOLE BORERS—See Boreers, Bung Hole

## BUNG SPOUTS—See Spouts, Bung

## BUNG STARTERS—See Starters, Bung

## BUNGS, Cork

Armstrong Cork Co., Lancaster, Pa.  
 Coyne & Paddock, Inc., 48-15 32d Pl., Long Island City, N. Y.  
 Dodge Cork Co., Inc., Lancaster, Pa.  
 Mundet Cork Corp., 65 S. 11th, B'klyn, N. Y.  
 Cooke-Roberts Corp., Orange, Mass.  
 Redlich Mfg. Co., 637 W. Oak, Chicago, Ill.  
 Redlinger Mfg. Co., Freeport, Ill.  
 Sommers (John) Faucet Co., 20 Morris Av., Newark, N. J.  
 Smith (Fred O.) Mfg. Co., New Vineyard, Me.  
 United States Bung Mfg. Co., 50 S. 2d, B'klyn, N. Y.  
 Wood Products Co., Inc., Brewer, Me.

## BUNGS, Wooden

Cooke-Roberts Corp., Orange, Mass.  
 Redlich Mfg. Co., 637 W. Oak, Chicago, Ill.  
 Redlinger Mfg. Co., Freeport, Ill.  
 Sommers (John) Faucet Co., 20 Morris Av., Newark, N. J.  
 Smith (Fred O.) Mfg. Co., New Vineyard, Me.  
 United States Bung Mfg. Co., 50 S. 2d, B'klyn, N. Y.  
 Wood Products Co., Inc., Brewer, Me.

## BUNSEN BURNERS—See Burners, Bunsen

## BUOYS, Mooring, Etc.

Armstrong Cork Co., Lancaster, Pa.  
 Biertumpfel Bros. Cork Specialty Co., 37 Av. L., Newark, N. J.  
 Koven (L. O.) & Bro., 154 Ogden Av., Jersey City, N. J.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Wilcox, Crutenden & Co., Inc., 77 S. Main, Middletown, Conn.

## BURGLAR ALARMS—See Alarms, Burglar

## BURLAP

Daniels (C. R.) Inc., 101 Crosby, New York, N. Y.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 BURLAP BAGS—See Bags, Burlap  
 BURNER TIPS—See Tips, Gas Burner

## BURNERS, Bunsen

Hones (Chas. A.) Inc., Baldwin, L. I., N. Y. "Bunsen"  
 Ironton Stove & Mfg. Co., Ironton, O.  
 BURNERS, for Room Heater, Range, Stove, Etc.—See Units, Oil Burning, for Room Heater, Range, Stove, Etc.  
 BURNERS, Garbage—See Incinerators, also Burners, Rubbish

## BURNERS, Gas

Century Specialty Co., Johnstown, Pa.  
 Hones (Chas. A.) Inc., Baldwin, L. I., N. Y. "Bunsen"  
 Norge Heating & Conditioning Div. Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Norge"  
 Pennsylvania Furnace & Iron Co., Warren, Pa.  
 Security Mfg. Co., 1630 Oakland, Kansas City, Mo. "Security"

## BURNERS, Gasoline Pressure

American Gas Machine Co., Inc., Albert Lea, Minn. "Sun Flame"  
 Coleman Lamp & Stove Co., Wichita, Kansas. "Coleman"  
 Queen Stove Works, Inc., Albert Lea, Minn. "Queen"  
 Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant"

## BURNERS, Lamp, Kerosene

Bradley & Hubbard Mfg. Div. Chas. Parker Co., Meriden, Conn. "B & H," "Rayo"  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Miller Co., Meriden, Conn. "Apollo," "Dual," "Excelsior," "Favorite," "Hero," "Jewell," "Lenith," "Niagara," "Perfection," "Solar," "Stellar," "Sun," "Vesta," "Venus," "Victor"  
 Plume & Atwood Mfg. Co., Waterbury, Conn. "Acorn," "Badger," "Banner," "Eagle," "Hornet," "Nutmeg," "P. & A."  
 Scovill Mfg. Co., Waterbury, Conn. "Queen Anne," "Rayo"  
 Wheeling Stamping Co., Wheeling, W. Va. "Champion," "Paul," "Premier," "Regal," "Safety," "White Light Mantle"  
 White Flame Light Co., Grand Rapids, Mich. "White Flame"

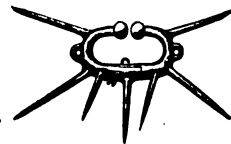
## BURNERS, Oil, House-Heating

Airtemp Div. Chrysler Corp., Dayton, O.  
 American Radiator Co., 40 W. 40th, New York, N. Y. "Arco-Petro"  
 Automatic Burner Corp., 1823 Carroll Av., Chicago, Ill. "A B C"  
 Bunsen Oil Burner Corp., Hartford, Conn.  
 Century Engineering Corp., Cedar Rapids, Ia.  
 Chalmers Oil Burner Co., Minneapolis, Minn.  
 Cleveland Steel Products Co., Cleveland, O. "Tardis"  
 Duo-Therm Div. Motor Wheel Corp., Lansing, Mich. "Duo-Therm"  
 Electrol Inc., 914 Main Av., Clifton, N. J.  
 Enterprise Oil Burner Co., San Francisco, Cal.  
 Fluid Heat, Inc., Baltimore, Md.  
 Franklin Oil Heating, Inc., Columbus, O. "Ben Franklin"  
 General Electric Co., 5 Lawrence, Bloomfield, N. J. "G-E"  
 Hart Oil Burner Corp., Peoria, Ill.  
 Harvey-Whipple Inc., 55 Emery, Springfield, Mass. "Master Kraft"  
 International Oil Burner Co., Inc., Spring & Park Aves., St. Louis, Mo.  
 Kleen Heat, Inc., 1823 Carroll Av., Chicago, Ill. "Kleen Heat"  
 Laco Oil Burner Co., Griswold, Ia.  
 Lassen & Bissell, Inc., Hartford, Conn. "United States"  
 Lillibridge, C. C., Hutchinson, Kans.  
 Malleable Iron Fittings Co., Branford, Conn. "Branford"  
 May Oil Burner Corp., Baltimore, Md. "Quiet May"  
 Mayflower Oil Burner Corp., 5002 Hudson Blvd., West New York, N. J.  
 Micro-Westco, Inc., Bettendorf, Ia.  
 McIlvaine Burner Corp., Evanston, Ill.  
 Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich. "Kelvinator"  
 National Airoil Burner Co., 1284 E. Sedgley Av., Phila., Pa.  
 Oil-American Burner Corp., Roselle Park, N. J. "Carter-Korth"  
 Oil-Electric Engineering Corp., Minneapolis, Minn.  
 Oil King Burner Co., New Haven, Conn.



# IMPERIAL FARM HARDWARE AND GARDEN TOOL SPECIALTIES

In the big, profitable Imperial line you will find everything you need to satisfy your trade and build good will—so great a range of individual products, types, and sizes that you can meet the demands of all customers. Here is a fifty-year-old line that you can depend on for well-made products constantly improved in design and methods of production. On these standard and specialty items it will pay you in profits to concentrate on Imperial. Write today for catalog No. 11; order from your jobber.



**Imperial  
Thistle  
Weaner**

No. 245. The reliable, never-fail type. Tin plated. Furnished in three sizes: 1 calf—2 yearling—3 cow. 1 doz. in carton.



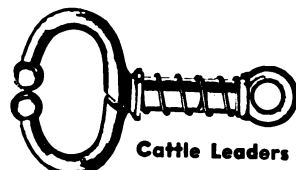
**Ring Bits**

Solid head. 6 in. malleable iron mouth, 2 1/2 in. welded steel rings. Polished, japanned or cadmium plated. No. 47 stiff. No. 47 1/2 jointed.



**Eureka No. 260 Calf and Cow Weaner**

A galvanized weaner with copper plated chain halter. 1/2 doz. in carton.



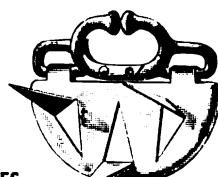
**Cattle Leaders**

Very popular with farmers. No. 51 small size—2 1/2" x 5". No. 52 large size—3" x 5 1/4". Polished finish. 1 doz. in box.



**Swivel Bolt Snap No. 225**

A sturdy snap that swivels easily, snaps quickly and holds securely. Sizes: 1/2" to 1" inc. Cadmium plated, also rubber finish with brass plate bolt. 1/2 and 1/4 gross in box.



**2 TYPES**

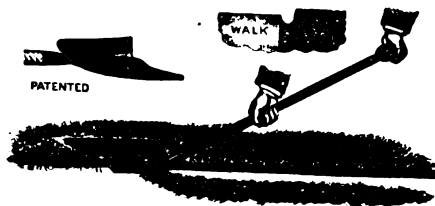
**Sure Cure Calf and Cow Weaners**

Dull disc type, tin plated. (Patented.) 203 calf size—204 cow size. 1 doz. in carton. Prong type 205 calf size—206 cow size. 1/2 doz. in carton.



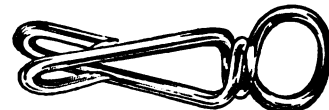
**Imperial Snap No. 2**

A well constructed snap with real "snap" action. Made in six sizes: 5/8" to 1 1/4" inc. Rubber finish, also XC plated finish. 1/2 and 1/4 gross in box.



**Imperial Lawn Edge Trimmer**

The sales leader. Trims rough straggling overhanging grass along edges of walk. Will trim edges along curbing and walk of an eighty foot lot in twenty minutes. Leaves the whole surroundings neat and attractive. Wrapped 1/3rd doz. in bdl.



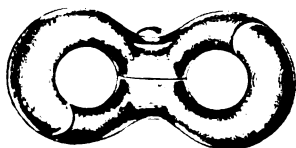
**Round Eye Wire Snaps**

Round eye, 5/8" No. 1507. No. 1508 is 3/4". 1/2 gross in box. Also Loop eye pattern in 1" to 1 1/2" sizes. Polished, coppered or cadmium plated. 1/2 and 1/4 gross in box.



**Elliott Flat Spring No. 200**

Loop eye type, nine sizes: 5/8" to 2" inc. Cadmium plated or Rub. finish. 1/2 and 1/4 gross in box according to size.

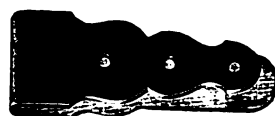


**Chain  
Repair  
Links**

Malleable. Hinged. 3/16" to 3/4". These links give real service. Polished finish. 2 doz. 1 doz. and 1/3 doz. in box according to size.



**Breeching Rings**



**Concord Clips No. 989**

Washburn-Moen gauge 3. Sizes: 1 1/4" to 3".—7/32" wire. Polished, japanned, cadmium, nickel or brass plated, solid brass or nickel comp. 1/2 and 1/4 gross in box. Concord—fits over hame roller. Also made with two holes. Japanned. Sizes: 1 1/2" to 2 1/4". 2 doz. in box.



**Bull Dog Chain Snaps**

Double end. No. 853 light, length overall 3 3/4". No. 855 heavy, length overall 5 1/4". Polished, cadmium plated or rubber finish. Light 3 doz. in box. Heavy 2 doz.



**Curry Comb No. 15**

Reversible. Spring steel or brass. Black enameled handle. Lacquered finish, or solid brass. 1 doz. in box.

**Imperial Folding Boat Seat**

For row boats, launches and canoes. Slips on ordinary boat seat. Light weight. Back can be lowered. Heavily padded and upholstered. 2 sizes.



**IMPERIAL BIT & SNAP CO.**

Since 1883

RACINE, WIS.

Since 1883

Mention Hardware Age When Writing

Digitized by Google



**BURNERS, Oil, House-Heating (Contd.)**

Perfection Stove Co., 7689-C Platt Av., Cleveland, O.  
 "Superflex" (Air Conditioning)  
 Petroleum Heat & Power Co., Stamford, Conn.  
 "Arco," "Nokol," "Petro"  
 Quaker Mfg. Co., 221 W. Erie, Chicago, Ill.  
 "Quaker Burnoil"  
 Queen Stove Works, Inc., Albert Lea, Minn. "Super-flame"  
 Reif-Rexoil, Inc., 37-41 Carroll, Buffalo, N. Y.  
 "Rexoil"  
 Round Oak Co., Dowagiac, Mich.  
 Rudy Furnace Co., Dowagiac, Mich.  
 Silent Automatic Corp., Detroit, Mich.  
 Silent Glow Oil Burner Corp., Hartford, Conn.  
 Silent Sioux Oil Burner Corp., Orange City, Ia.  
 Simplex Oil Heating Corp., 30 Church, New York, N. Y.  
 Standard Products Co., Clinton, Mass. "Standard-Ine"  
 Super Oil Heater Sales Co., Hartford, Conn.  
 Timken-Detroit Co., Detroit, Mich.  
 Tower Mfg. Corp., Boston, Mass.  
 Wayne Oil Burner Corp., Fort Wayne, Ind.  
 Weiskittel (Harry C.) Co., Inc., Baltimore, Md.  
 "Real Hot"  
 Westinghouse Electric & Mfg. Co., Mansfield, O.  
 Williams Oil-O-Matic Heating Corp., Bloomington, Ill.  
 York Oil Burner Co., Inc., York, Pa.

**BURNERS, Oil, Unit, for Room Heater, Range and Stove, Etc.—See Units, Oil Burning, for Room Heater, Range and Stove, Etc.**

**BURNERS, Rubbish**

Bornside, H. B., 15 Winter, Providence, R. I.  
 "Bornside," "Skyscraper"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boycro"  
 Brown (H. L.) Fence & Mfg. Co., Cincinnati, O.  
 "Norwood"  
 Capital Wire Co., Madison, Wis.  
 Clark (Henry N.) Co., 56 Union, Boston, Mass.  
 "Crescent"  
 Cribben & Sexton Co., Chicago, Ill. "Universal"  
 Cystone Fence Co., Waukegan, Ill. "Catch All."  
 "Red Tag," "Flex-Top"  
 Donley Bros. Co., Cleveland, O.  
 Eastern Can Co., 306 Bremen, East Boston, Mass.  
 Gaelel Steel Co., Detroit, Mich.  
 Goldsmith (A. M.) Inc., Grand Central Terminal, New York, N. Y. (Concrete Tree Trunk)  
 Grand Rapids Wire Products Co., Grand Rapids, Mich. (Collapsible)  
 Harrington & King Perforating Co., Chicago, Ill.  
 "King"  
 Hart & Cooley Mfg. Co., Chicago, Ill.  
 Home Mfg. Co., Inc., No. Kansas City, Mo. "Easy-Open"  
 Ideal Can Co., Everett, Mass.  
 Easper Wire Works, Shiner, Tex.  
 Keystone Wire Matting Co., Beaver Falls, Pa. "Ideal"  
 Malleable Steel Range Mfg. Co., South Bend, Ind.  
 "Yard Boy"  
 Massillon Wire Basket Co., Massillon, O. "Daisy"  
 Mid-West Metal Products Co., Muncie, Ind.  
 Milwaukee Tank Wks., Milwaukee, Wis. "Household"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Neenah Brass Wks., Neenah, Wis. "Ranz"  
 Northwest Metal Products, Inc., Seattle, Wash. "Nor-western"  
 Norwich Wire Works, Inc., Norwich, N. Y.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Serton Can Co., Everett, Mass. "Ajax"  
 Smith (John P.) Co., New Haven, Conn.  
 Standard Fence Co., Oakland, Cal.  
 Union Steel Products Co., Albion, Mich. "Volcano."  
 "Zipper Top"  
 United Steel & Wire Co., Battle Creek, Mich. "Collapsible"  
 Westboro Company, Worcester, Mass.  
 Wheeling Corrugating Co., Wheeling, W. Va.  
 Worcester Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Worcester Wire Novelty Co., Inc., Baltimore, Md.  
 "Hold-Em"

**BURNERS, Unit, Oil, for Room Heater, Range, Stove, Etc.—See Units, Oil Burning, for Room Heater, Range, Stove, Etc.**

**BURNERS, Weed**

Aerol Burner Co., Inc., West New York, N. J.  
 "Aerol"  
 Hook Mfg. Co., 126 10th, B'klyn, N. Y.  
 Smith (D. B.) & Co., Utica, N. Y. "Smith"  
 Turner Brass Works, Sycamore, Ill.

**BURNING BRANDS—See Brands, Burning**

**BURNISHERS**

Bark Bros., Millbury, Mass.  
 Allen Falls Co., Greenfield, Mass.  
 Barker Saw & Tool Corp., 47 Warren, New York, N. Y. "Shark" (Swedish)  
 Torr Mfg. Co., Brockton, Mass.

**BURRS—See also Rivets**

**BURRS, Brass—See Burrs, Copper and Brass**

**BURRS, Copper and Brass**

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Rice & Johnson Co., Waterbury, Conn. "Star Brand"  
 Burr & Copper Co., Waterbury, Conn.  
 Burr Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill.  
 Burstin Bros., Inc., 110 South, Baltimore, Md.

Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
 Holland Mfg. Co., Baltimore, Md. "Superior"  
 Hussey (C. G.) & Co., Pittsburgh, Pa. (Copper)  
 Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Revere Copper & Brass, Inc., 280 Park Av., New York, N. Y.  
 Shelton Tack Co., Shelton, Conn.  
 Stimpson (Edwin B.) Co., 70 Franklin Av., Bklyn., N. Y.  
 Taunton Rivet Works, Taunton, Mass.  
 Townsend Co., New Brighton, Pa.  
 United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
 Waterbury Brass Goods Corp., Waterbury, Conn.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.  
 York Tack & Nail Wks., York, Pa.

**BURRS and RIVETS, Iron**

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Autoscrow Co., 355 W. B'way, New York, N. Y. (Monel Metal)  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
 Joliet Wrought Washer Co., Joliet, Ill.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 Townsend Co., New Brighton, Pa.  
 Tubular Rivet & Stud Co., Wollaston, Mass.  
 United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.  
**BUSH HOOKS—See Hooks, Bush**  
**BUSH PRUNERS—See Pruners, Bush and Vine**  
**BUSHES, Rose—See Nurseries, Rose Bush, Shrub, Evergreen, Etc.**

**BUSHINGS, Machinery**

Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**BUSYBODY WINDOW MIRRORS—See Mirrors, Window, Look Out**

**BUTCHERS' BLOCK SCRAPERS—See Scrapers, Butchers' Block**

**BUTCHERS' BRUSHES—See Brushes, Bakers' & Butchers'**

**BUTCHERS' CLEAVERS—See Cleavers**

**BUTCHERS' KNIVES—See Knives, Butchers'**

**BUTCHERS' SAW BLADES—See Blades, Butchers' Saw**

**BUTCHERS' SAWS—See Saws, Butchers'**

**BUTCHERS' SCALES—See Scales, Counter**

**BUTCHERS' SPLITTERS—See Splitters, Butchers'**

**BUTCHERS' STEELS—See Steels, Knife Sharpening**

**BUTCHERS' TOOL—See article desired**

**BUTLER TRAY HINGES—See Hinges, Tray, Butlers'**

**BUTT CHAINS—See Chains, Butt**

**BUTT GAGES—See Gages, Butt**

**BUTT HINGES—See Hinges, Butt**

**BUTTER KNIVES—See Knives, Butter**

**BUTTER MOLDS—See Molds, Butter**

**BUTTERISES, Blacksmith**

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.

**BUTTONS, Door**

(See also Pulls, Door)

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-o-Krat"  
 American Brass Goods Co., Grand Rapids, Mich.  
 Arcade Mfg. Co., Freeport, Ill.  
 Champion Hardware Co., Geneva, O.  
 Climax (J. H. W.) Co., 87 Clay, Newark, N. J. "J. H. W."  
 Corbin (P. & F.) New Britain, Conn.  
 Fernald Mfg. Co., North East, Pa.  
 Fiwale Equipment Mfg. Co., 64 Reade, New York, N. Y.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 National Aluminum Co., Inc., Racine, Wis.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Mfg. Co., Sterling, Ill.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Penn Hardware Co., Reading, Pa.  
 Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.  
 Reading Hardware Corp., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Schartow Iron Products Co., Racine, Wis. "Sipco"  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Shelby Metal Products Co., Shelby, O.  
 Shelby Spring Hinge Co., Shelby, O.  
 Stanley Wks., New Britain, Conn.  
 Stevenson Mfg. Co., South Bend, Ind.  
 Stover Mfg. & Engine Co., Freeport, Ill.

**BUTTONS, Handles and Knobs, China**

Douglas (John) Co., Cincinnati, O.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Merit Products, Inc., 11711 164th, Jamaica, N. Y.  
 Scovill Mfg. Co., Plumbers' Brass Goods Div., Waterbury, Conn.  
 Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
 Trenton Potteries Co., Trenton, N. J.

**BUTTONS, Push**

Auth Electrical Specialty Co., Inc., 322 E. 53rd New York, N. Y.  
 Corbin (P. & F.) New Britain, Conn.  
 Deal Electric Co., Inc., 338 Berry, Bklyn, N. Y.  
 Detroit Hardware Mfg. Co., Detroit, Mich.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn, N. Y.  
 Edwards & Co., Norwalk, Conn. "Bronx," "Togel-push," "Directory Push"  
 Ideal Clamp Mfg. Co., 200 Bradford, Bklyn., N. Y.  
 Keil (Francis) & Son, 401 E. 163rd, New York, N. Y.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Reading Hdw. Co., Reading, Pa.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Skillman Hardware Mfg. Co., Trenton, N. J.  
 Union Hdw. Co., Torrington, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**BUTTONS, Sign, Reflector**

Eastern Cataphote Co., 485 Madison Ave., New York, N. Y. "Libby Cataphote"  
 Kajo Novelty Co., 839 Sixth Av., New York, N. Y.  
**BUTTS, Cabinet—See Hinges, Cabinet**  
**BUTTS, Casement—See Hinges, Window, Casement**  
**BUTTS, Door—See Hinges, Butt**  
**BUTTS, Furniture—See Hinges, Cabinet**

**BUTTS, Steel**

Frantz Mfg. Co., Sterling, Ill.  
 Frost (C. L.) & Son, Grand Rapids, Mich.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Mfg. Co., Sterling, Ill.  
 Reading Hardware Corp., Reading, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sager Lock Works, N. Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Stanley Wks., New Britain, Conn.

**BUZZERS, ELECTRIC—See Bells and Buzzers, Electric**

**CABBAGE CORERS—See Corers, Cabbage**

**CABIN DOOR HOOKS—See Hooks, Cabin Door**

**CABINET BUTTS—See Hinges, Cabinet**

**CABINET KITCHEN HARDWARE**

(See also article desired)

American Brass Goods Co., Grand Rapids, Mich.  
 American Cabinet Hardware Corp., Rockford, Ill.  
 "Amerock," "Color-Trim," "De Luxe," "Luster-Chrome," "Master," "Standard"  
 Brainerd Mfg. Co., E. Rochester, N. Y.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Champion Hardware Co., Geneva, O.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Corbin, P. & F., New Britain, Conn.  
 Fiwale Equipment Mfg. Co., 64 Reade, New York, N. Y.

Frantz Mfg. Co., Sterling, Ill.  
 Grand Rapids Brass Co., Grand Rapids, Mich.  
 Greene (G. G.) Mfg. Co., Warren, Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Kason Hdw. Corp., 127 Wallabout, Bklyn., N. Y.  
 Knap & Vogt Mfg. Co., Grand Rapids, Mich.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Mode Mfg. Co., Pasadena, Cal.  
 National Brass Co., Grand Rapids, Mich. "Color-Toned"  
 National Lock Co., Rockford, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Shelby Metal Products Co., Shelby, O.  
 Shelby Spring Hinge Co., Shelby, O.  
 Stanley Wks., New Britain, Conn. "Multichrome"

**CABINET HARDWARE ASSORTMENTS—See Cabinet Kitchen Hardware**

**CABINET HEATERS—See Heaters, Circulating, Coal or Wood; Also Heaters, Circulating and Radiant, Fuel Oil Burning**

**CABINET HINGES—See Hinges, Cabinet**

**CABINET KEROSENE HEATERS—See Heaters, Kerosene, Cabinet**

**CABINET KNOBS—See Knobs, Furniture**

**CABINET LATCHES—See Catches, Cupboard, Door, etc.**

**CABINET LOCKS—See Locks, Cabinet**

**CABINET MAKERS' BENCHES—See Benches, Cabinet Makers**

**CABINET MAKERS' CLAMPS—See Clamps, Cabinet Makers**

**CABINET MAKERS' TOOLS and SUPPLIES—See article desired**



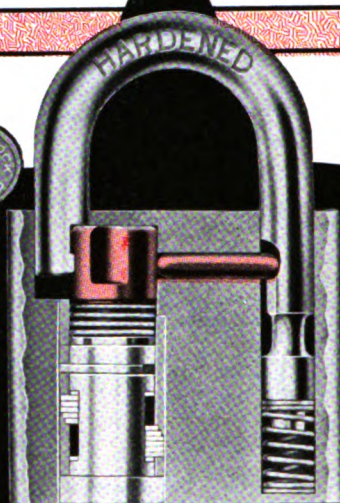
# Chicago Locks are different



Display container holding 12 individually packed locks in strong attractive cartons.



Two Nickel Finish  
Double Bitted Keys  
with each lock.  
KEY BLANK NO. K 7  
250 Key Changes



U. S. Pat. No.  
2141748

**No. 741—50¢ Retailer**

**3 Fast Selling Price Leaders**

**25¢**

**50¢**

**75¢**

**Other Super Values Retailing Up to \$5.00**

No. 741 — See cut open view shown above. Self-locking, revolving cam and sliding bolt simultaneously lock BOTH SIDES of shackle. 11 criss-cross tumblers lock both sides of patented locking plug into lock body. Tumblers manually operated. Barrel, plugs, rust-proofed. Freezing, sticking, breaking of tumblers eliminated.

**"DOUBLE Locking • DOUBLE Security"**

## MATERIAL

Case · Solid one piece white metal, no rivets, rust proof.

Shackle · Hardened steel, rustproofed

Reciprocating parts · Brass.

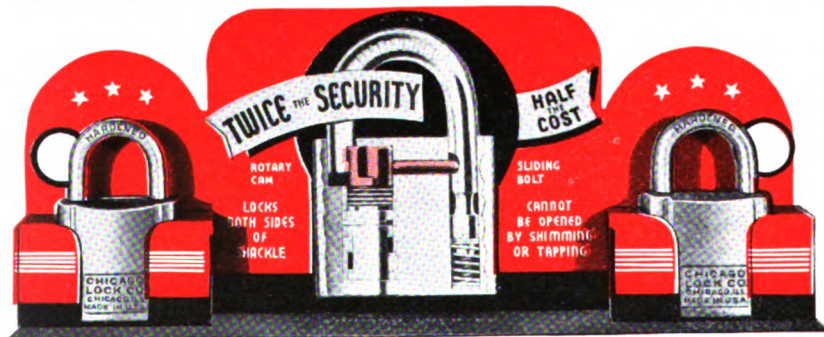
Finish · Dull Nickel.

## SPECIFICATIONS

NO.	CASE	SHACKLE	WT PER DOZ.
740	1 1/8 x 1 1/8	3/16	2 1/4 Lbs.
741	1 9/16 x 1 1/2	1/4	5 "
742	2 x 1 3/8	5/16	7 1/2 "



Packing 1 in a box, 12 to a container, 25 dozen to a case.



Collapsible display easel packed with each dozen locks. Accommodates 2 padlocks. Suitable for counter or window.

**Big 25¢ Retailer →**

No. 725—Biggest padlock value on the market. Rust-proofed, white metal case. No rivets. Self-locking. Swing type bolt grips—locks—BOTH SIDES of shackle. Plate tumbler type locking plug incorporates single action tumblers that protrude from lock plug into lock body. An UNBEATABLE 25c Price Leader . . . Remember, ALL Chicago Locks insure

**"DOUBLE Locking • DOUBLE Security"**



**No. 725**

**25¢**

**Retailer**

**O**

2 Bright  
Finish  
Single  
Bitted  
Milled  
Keys with  
Each Lock



**CHICAGO LOCK COMPANY**  
2024 NO. RACINE AVENUE, CHICAGO, ILL.



**CABINET SCRAPERS—See Scrapers, Cabinet**  
**CABINETS, Bathroom, Medicine**

American Enamelled Products Co., Waukesha, Wis.  
"Saw-White"  
Baker (S. D.) Mfg. Co., 234 W. 14th, New York, N. Y. "Samson-Steel"  
Bennett Mfg. Co., Alden, N. Y. "Steel-Maid"  
Boston Mirror Co., Boston, Mass.  
Columbia Metal Box Co., 260 E. 148rd, New York, N. Y. "Perfectlite"  
Conant Bros., Somerville, Mass. "Conantlite"  
Conroy-Frugh Glass Co., Pittsburgh, Pa.  
Corcoran Mfg. Co., Covington, Ky.  
Dillingham Mfg. Co., Sheboygan, Wis.  
Durach Can & Iron Works, 168 7th, B'klyn, N. Y.  
Egin Stove & Oven Co., Elgin, Ill.  
Ertis (J. P.) Mfg. Co., Cambridge, Mass. "Bracecrafters"  
Farms Mfg. Co., Decatur, Ill. "Edge-lite"  
Farley & Loetscher Mfg. Co., Dubuque, Ia. "Qual-Hybit"  
Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
Hallenscheid & McDonald, 1844 W. Wash. Blvd., Los Angeles, Cal. "Hall-Mark"  
Hamilton Metal Products Co., Hamilton, O. "Clismar"  
Hoegger, Inc., 859 Communipaw Av., Jersey City, N. J.  
Hutig Seash & Door Co., St. Louis, Mo.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Metropolitan Elec. Mfg. Co., 38th & Potter Av., Long Island City, N. Y. "Facallite"  
Miami Cabinet Div., Philip Carey Co., Middletown, O. "Miami-Carey"  
Morton Mfg. Co., 5133 W. Lake, Chicago, Ill.  
National Metal Art Mfg. Co., Inc., 420 12th, B'klyn, N. Y.  
National Metal Products Co., Waterloo, Ia.  
Palley Mfg. Co., Pittsburgh, Pa.  
Parker (Chas.) Co., Meriden, Conn.  
Par-Metal Products Corp., 3521 41st, Long Island City, N. Y.  
Payne (A. S.) Inc., N. Bennington, Vt.  
Quaker Metal Products Co., 2228 N. 28th, Phila., Pa. "Quaker-Maid"  
Reliable Metal Novelty Co., 13 W. 26th, New York, N. Y. "Ramco"  
Rockford Steel Furniture Co., Rockford, Ill. "Rock-steel"  
United Metal Box Co., Inc., 168 7th, B'klyn, N. Y.  
Walters Mfg. Co., Oakmont, Pa.  
White Steel Sanitary Furniture Co., Grand Rapids, Mich.

**CABINETS, Bolt—See Cases, Bolt**  
**CABINETS, CLOTHES DRYING—See Dryers, Clothes (Gas or Electric)**

**CABINETS, Door**

Servidor Co., 1491 S. Division Av., Grand Rapids, Mich. "Servidor"

**CABINETS, Drill**

Frick-Gallagher Mfg. Co., Wollaston, O. "Rotabin"  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**CABINETS, Hose, Garden**

Stewart Bros., Schenectady, N. Y. "Hose-Away"

**CABINETS, Household**

Art Metal Construction Co., Jamestown, N. Y.  
Austell Cabinet Co., Austell, Ga.  
Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
Campbell-Smith-Ritchie Co., Lebanon, Ind. "Helen Boone"  
Carr, Ryder & Adams Co., Dubuque, Ia.  
Colonial Stove Co., 2154 E. Somerset, Phila., Pa.  
Dietrich Mfg. Co., 221 No. La Salle, Chicago, Ill.  
Durham Mfg. Co., Muncie, Ind. "Duplex"  
Durach Can & Iron Wks., 167 7th, B'klyn, N. Y.  
Elgin Stove & Oven Co., Elgin, Ill.  
Ellwood Co., Ellwood City, Pa. "Blue Cross"  
Excel Metal Cabinet Co., Inc., Jamestown, N. Y.  
Farley & Loetscher Mfg. Co., Dubuque, Ia.  
Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
Hoosier Mfg. Co., New Castle, Ind.  
Indiana Metal Products Corp., Goshen, Ind.  
Interstate Metal Products Co., Inc., 4401 Ogden Av., Chicago, Ill.  
I-X L. Furniture Co., Inc., Goshen, Ind.  
James & Kirtland, 101 Park Av., New York, N. Y. "White House"  
Kitchen Maid Corp., Andrews, Ind.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Marsh Furniture Co., High Point, N. C.  
McAker (E. J.) & Co., Inc., 1422 N. 8th, Phila., Pa.  
McDougall Co., Frankfort, Ind. "Domestic Science"  
Mutachler Bros. Co., Nappanee, Ind. "Porco-Name!"  
National Box & Can Co., 4131 B'way Av., Cleveland, O.  
National Metal Art Mfg. Co., Inc., 420 12th, B'klyn, N. Y.  
Palley Mfg. Co., 1019 Sidwell, Pittsburgh, Pa. (Electric Attachment)  
Porter, Charles A., 123 Broad, Phila., Pa.  
Quaker Metal Products Co., 2228 N. 28th, Phila., Pa. "Quaker Maid"  
Rockford Steel Furniture Co., Rockford, Ill. "Rock-steel"  
St. Charles Mfg. Co., St. Charles, Ill.  
Seilers (G. L.) & Sons Co., Elwood, Ind. "Klear Front"  
Steel Craft Co., 865 Osborn, Burlington, Ia.  
Union Furniture & Novelty Co., Warren, Pa.

Walters Mfg. Co., Oakmont, Pa.  
Youngtown Pressed Steel Div. Mullins Mfg. Corp., Warren, O. "YPS"

**CABINETS, Ironing Board**

Dieterich Steel Cabinet Corp., 109 N. Dearborn, Chicago, Ill.  
Excel Woodcraft Corp., 1715 Leonard, Cleveland, O.  
Farley & Loetscher Mfg. Co., Dubuque, Ia.  
Morton Mfg. Co., 5143 W. Lake, Chicago, Ill.

**CABINETS, Key**

Durabilt Steel Locker Co., Aurora, Ill.  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**CABINETS, Kitchen, Toy**

Cass (N. D.) Co., Athol, Mass.  
Eastman Mfg. Co., Union City, Pa.  
Gibraltar Corrugated Paper Co., No. Bergen, N. J.  
Hoge Mfg. Co., 200 5th Av., New York, N. Y. "Playhouse"  
Ohio Art Co., Bryan, O.  
Schoenhut Mfg. Co., 3046 Castor Av., Phila., Pa.  
**CABINETS, MOTHPROOF—See Wardrobes, Mothproof**

**CABINETS, Pastry and Food**

Carrollton Metal Products Co., Carrollton, O. "Carlton"

**CABINETS, RADIATOR—See Covers, Radiator**

**CABINETS, Recipe**

American Steel Box Corp., 4600 Palmer, Chicago, Ill.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Garden Girl"  
Norcor Mfg. Co., Green Bay, Wis.  
Patent Novelty Co., Inc., Fulton, Ill. "Polly Prim"  
**CABINETS, Screw—See Cases, Bolt and Screw**

**CABINETS, Shoe Cleaning, Metal**

United Metal Box Co., 168 7th, B'klyn, N. Y. (Built-In)

**CABINETS, Sink, Kitchen**

Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
Ellwood Co., Ellwood City, Pa. "Blue Cross"  
Excel Metal Cabinet Co., Inc., Jamestown, N. Y.  
Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
National Metal Art Mfg. Co., Inc., 406 12th, B'klyn, N. Y.  
Quaker Metal Products Co., 2228 N. 28th, Phila., Pa. "Quaker Maid"  
St. Charles Mfg. Co., St. Charles, Ill.  
Steel Kitchens Corp., Connersville, Ind. "Sinkabnet"  
United Metal Box Co., Inc., 168 7th, B'klyn, N. Y.  
Youngtown Pressed Steel Div. Mullins Mfg. Corp., Warren, O. "YPS"

**CABINETS, Utility**

Excel Metal Cabinet Co., Inc., Jamestown, N. Y.  
Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
I-X L. Furniture Co., Inc., Goshen, Ind.  
Kennedy Mfg. Co., Van Wert, O.  
Korrol Mfg. Co., 350 Greenwich, New York, N. Y.  
Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.  
Standard Steel Products Co., 380 Main, Poughkeepsie, N. Y.  
Union Steel Chest Corp., Le Roy, N. Y.  
**CABINETS, Tool—See Chests, Tool**  
**CABLE, Battery—See Wire Insulated**  
**CABLE CHAIN—See Chains, Cable**  
**CABLE CLAMPS—See Clamps, Cable**

**CABLE, Flexible Steel Armored**

American Conduit Co., 146 Coit, Irvington, N. J.  
American Flexible Conduit Co., New Bedford, Mass.  
American Metal Moulding Co., Irvington, N. J.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Anaconda Wire & Cable Co., 25 B'way, New York, N. Y.  
Austin (M. B.) Co., 108 S. Desplaines, Chicago, Ill. "Safesteel"  
Boston Insulated Wire & Cable Co. (Dorchester), Boston, Mass. "B.I.W."  
Collyer Insulated Wire Co., Pawtucket, R. I.  
Columbia Cable & Electric Co., Thompson Av., Long Island City, N. Y.  
Crescent Insulated Wire & Cable Co., Trenton, N. J.  
Eastern Tube & Tool Co., 594 Johnson Av., Bklyn, N. Y. "Ettco"  
Essex Wire Corp., Detroit, Mich. "Paranite"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "BX"  
Globe Insulated Wire Co., Wollaston, Mass.  
Hazard Insulated Wire Wks., Div. of Okonite Co., Wilkes-Barre, Pa.  
Hazard Wire Rope Div. American Chain & Cable Co., Inc., Wilkes-Barre, Pa. "Hazard"  
National Electric Products Corp., Pittsburgh, Pa. "Flexsteel"  
Okonite Co., Passaic, N. J.  
Providence Insulated Wire Co., Providence, R. I.  
Roebling's (John A.) Sons Co., Trenton, N. J.  
Triangle Conduit & Cable Co., Dry Harbor Rd. & Cooper Av., Bklyn., N. Y.

**CABLE, Ignition, Lighting and Starting**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Austin (M. B.) Co., Chicago, Ill.  
Belden Mfg. Co., Chicago, Ill.  
Bishop Wire & Cable Corp., 420 E. 25th, New York, Boston Insulated Wire & Cable Co., Boston, Mass.  
Collyer Insulated Wire Co., Pawtucket, R. I.  
Consolidated Wire & Associated Corp., Chicago, Ill.  
General Cable Corp., 420 Lexington Av., New York, N. Y.  
General Electric Co., 1 River Road, Schenectady, N. Y. "G-E"  
Goodrich-Lenhardt Mfg. Co., Hamburg, Pa.  
Habirshaw Cable & Wire Corp., Yonkers, N. Y.  
Indiana Rubber & Insulated Wire Co., Jonesboro, Ind.  
Kerite Insulated Wire & Cable Co., 30 Church, New York, N. Y.  
Lowell Insulated Wire Co., Lowell, Mass.  
New England Cable Co., Concord, N. H.  
Okonite Co., Passaic, N. J.  
Packard Electric Co., Warren, O.  
Philadelphia Insulated Wire Co., Phila., Pa.  
Roebling's (John A.) Sons Co., Trenton, N. J.  
Simplex Wire & Cable Co., 79 Sidney, Cambridge, Mass.  
Whitney Blake Co., New Haven, Conn.  
**CABLE, Lighting—See Cable, Ignition, Lighting and Starting**  
**CABLE REEL JACKS—See Jacks, Cable Reel**  
**CABLE SAWS—See Saws, Cable**  
**CABLE, Starting—See Cable, Ignition, Lighting and Starting**  
**CABLE, Towing—See Ropes, Chains & Bars, Tow**

**CABLE, Well Drilling**

American Cable Div. American Chain & Cable Co., Inc., Wilkes-Barre, Pa.  
American Mfg. Co., West & Noble, B'klyn, N. Y. "American"  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian"  
Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
Hazard Wire Rope Div. American Chain & Cable Co., Inc., Wilkes-Barre, Pa.  
Kelly (R. A.) Co., Xenia, O.  
New Bedford Cordage Co., 233 B'way, New York, N. Y.  
Plymouth Cordage Co., N. Plymouth, Mass. "Plymouth"  
Roebling's (John A.) Sons Co., Trenton, N. J.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Waterbury Blue Marker"  
Whitlock Cordage Co., 46 South, New York, N. Y.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
Williamsport Wire Rope Co., Williamsport, Pa.  
**CABLE, Wire—See Rope or Cable, Wire**  
**CADDY BAGS—See Bags, Golf**  
**CATERIA SUPPLIES—See Supplies, Kitchen, Hotel, Etc.**  
**CAGE HOOKS—See Hooks, Cage**

**CAGES, Bird**

Crown Products Co., Indianapolis, Ind.  
Hendryx (Andrew B.) Co., New Haven, Conn.  
**CAGE STANDS, Bird—See Stands, Cage**

**CAGES and WICKETS, Cashiers'**

Badger Wire & Iron Wks., Milwaukee, Wis.  
Buffalo Wire Wks. Co., Buffalo, N. Y.  
Logan Co., Louisville, Ky.  
Roebling's (John A.) Sons Co., Trenton, N. J. "Jersey"  
Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**CAKE BOARDS—See Boards, Cake**

**CAKE BOXES—See Boxes, Bread and Cake**

**CAKE COVERS—See Covers, Cake**

**CAKE CUTTERS—See Cutters, Cake**

**CAKE MIXERS—See Mixers, Bread and Cake**

**CAKE MOLDS—See Molds, Cake, Pudding, Etc.**

**CAKE PANS—See Pans, Bread & Cake**

**CAKE SERVERS—See Servers, Cake**

**CAKE TURNERS—See Turners, Cake**

**CAKES, Dog—See Biscuits, Dog**

**CALCIMINE—See Kalsomine**

**CALCIUM CARBIDE—See Carbide, Calcium**

**CALDRON KETTLES—See Kettles, Caldron**

**CALENDARS**

May (J. L.) Co., 111 W 19th, New York, N. Y. "Marco"

**CALENDER STANDS—See Stands, Calender**

**CALF FEEDERS—See Feeders, Calf**

**CALF PENS—See Pens, Bull, Cow & Calf**

**CALF WEANERS—See Weaners, Calf**

**CALIPER GAGES—See Gages, Caliper**

**CALIPER SQUARES—See Squares, Caliper**

**CALIPER RULES—See Rules, Caliper**



1880

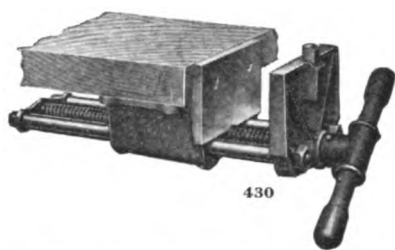
Sixty Years of Richards-Wilcox

1940

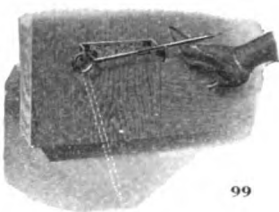
distinctive hardware for modern Door-Ways

*"A Hanger for Any Door That Slides"*

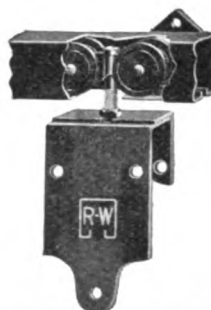
The R-W Line includes Door Hangers and Tracks—Garage Equipment for sliding-folding, straight sliding and overhead doors, Store Ladders—Fire and Industrial Doors and Hardware—Fire Station Door Hardware—Electric Door Operators—School Partitions and Wardrobes—Elevator Door Equipment—Overhead Conveying Systems—Hardware Specialties—and many other items of interest to the Hardware Trade.



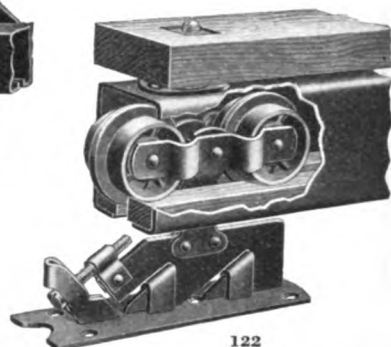
430



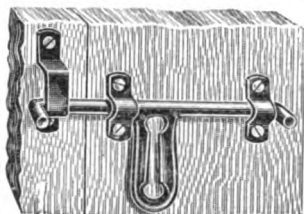
99



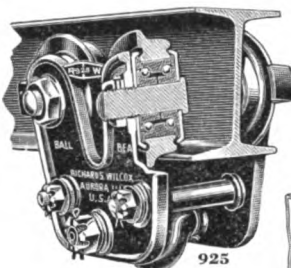
346 1/2 B x 239



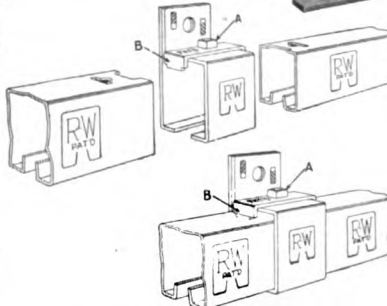
122



128-2



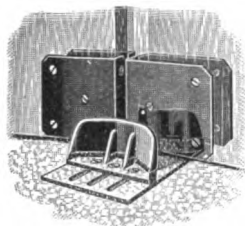
925



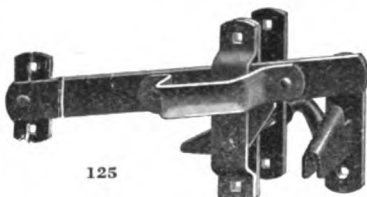
R-W PATENTED LOCK JOINT TRACKS



No. 150 1/2 B



271



125



1040



311



81

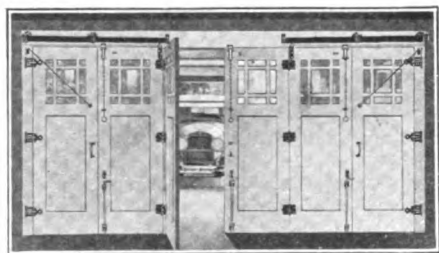


1035

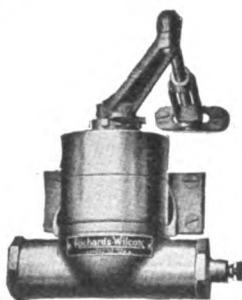


311

96



435



643



282



300

**RICHARDS-WILCOX MFG. CO., AURORA, ILL.**  
BRANCHES IN PRINCIPAL CITIES

Mention Hardware Age When Writing

## CALIPERS and DIVIDERS

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Fleming Mfg. Co., Inc., Worcester, Mass.  
 Grafton Metal Products Co., Worcester, Mass.  
 "Copecland"  
 Indicating Calipers Corp., 504 E. 19th, New York, N. Y.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Johnson (E. P.) Rule Mfg. Co., Chicago, Ill.  
 Lufkin Rule Co., Saginaw, Mich. "Banner"  
 Millers Falls Co., Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.  
 Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn. "Bernard," "Lodi"  
 Starrett (L. S.) Co., Athol, Mass. "Fay," "Yankee"  
 Union Tool Co., Orange, Mass.  
 Winsted Edge Tool Works, Winsted, Conn. "With-  
 erty"

## CALIPERS, Micrometer

Brown & Sharpe Mfg. Co., Providence, R. I. "Rex"  
 Indicating Calipers Corp., 504 E. 19th, New York, N. Y.  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Reed Small Tool Wks., Worcester, Mass.  
 Slocumb (J. T.) Co., Providence, R. I.  
 Starrett (L. S.) Co., Athol, Mass.

## CALIPERS, Vernier

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Glosau & Co., 2000 Rand McNally Bldg., Chicago, Ill.  
 Indicating Calipers Corp., 504 E. 19th, New York, N. Y.  
 Johnson (E. P.) Rule Mfg. Co., Chicago, Ill.  
 Starrett (L. S.) Co., Athol, Mass.  
 CALKING COTTON—See Oakum  
 CALKING IRONS—See Tools, Calking  
 CALKING TOOLS—See Tools, Calking

## CALKS, Boot and Shoe

General Mfg. Co., Waterbury, Conn. "Lipscomb"  
 Lufkin Rule Co., Saginaw, Mich.  
 Star Heel Plate Co., 357 Wilson Av., Newark, N. J.

## CALKS, Horseshoe

Diamond Calk & Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
 Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"  
 (Removable Drive & Screw)  
 Phoenix Manufacturing Company, Joliet, Ill. "Bulldog," "Sweets"  
 Wareham Mfg. Co., Inc., Wareham, Mass. "Wear-Well"

## CALL BELLS—See Bells, Call

## CALLS, Bird

Allen, Fred A., Monmouth, Ill.  
 Ditto (C. H.), Keithsburg, Ill.

## CALLS, Crow

Allen (Fred A.), Monmouth, Ill.  
 Ditto (C. H.), Keithsburg, Ill.  
 J. & M. Mfg. Co., 126 Main, Oshkosh, Wis.  
 Martin (Boyd) Mfg. Co., South Bend, Ind.  
 Olt (Philip S.), Dept. E., Pekin, Ill.  
 Turpin, Tom, 1150 Eastmoreland Av., Memphis, Tenn.

## CALLS, Duck

Allen (Fred A.), Monmouth, Ill.  
 Ditto (C. H.), Keithsburg, Ill.  
 Hansen (N. C.) Co., Zimmerman, Minn.  
 J. & M. Mfg. Co., 126 Main, Oshkosh, Wis.  
 Larson, L. C., 623 Clarence Av., Oak Park, Ill.  
 "Trutone"  
 Martin (Boyd) Mfg. Co., South Bend, Ind.  
 Olt (Philip S.), Dept. E., Pekin, Ill.  
 Union Hardware Co., Torrington, Conn.

## CALLS, Goose

Larson, L. C., 623 Clarence Av., Oak Park, Ill.  
 Olt (Philip S.), Dept. E., Pekin, Ill.

## CALLS, Hawk

Ditto (C. H.), Keithsburg, Ill.  
 Hudson Mfg. Co., Pascagoula, Miss.  
 J. & M. Mfg. Co., 126 Main, Oshkosh, Wis.  
 Larson, L. C., 623 Clarence Av., Oak Park, Ill.  
 Olt (Philip S.), Dept. E., Pekin, Ill.

## CALLS, Turkey

Olt (Philip S.), Dept. E., Pekin, Ill.  
 Union Hardware Co., Torrington, Conn.

## CAMERAS

Agfa Ansco Corp., Binghamton, N. Y.  
 Burke & James, Inc., 225 W. Madison, Chicago, Ill.  
 Candid Camera Corp. of America, 844 W. Adams, Chicago, Ill. "Perflex"

Detrola Corp., 1501 Beard Av., Detroit, Mich. "Detrola"  
 Eastman Kodak Co., 344 State, Rochester, N. Y. "Brownie," "Kodak"  
 Folmer Graflex Corp., Rochester, N. Y. "Graflex"  
 International Research Corp., Ann Arbor, Mich. "Argus"  
 Monarch Mfg. Co., 711 W. Lake, Chicago, Ill. "Flash-Master," "Fleetwood," "Flex-Master," "Majestic," "Pickwik," "Regal"  
 Mostow Co., Merchandise Mart, Chicago, Ill.  
 Rolls Camera Mfg. Co., 1414 S. Wabash Av., Chicago, Ill. "Rolls"  
 Revere Camera Co., 320 E. 21st, Chicago, Ill. "Super Eight"  
 Universal Camera Corp., 32 W. 23rd, New York, N. Y. "Univex"  
 Utility Mfg. Co., 261 Fifth Av., New York, N. Y. "Falcon"

## CAMP BEDS or BERTHS—See Beds or Berths, Camp & Automobile

## CAMP BROILERS—See Broilers, Camp, also Grates, Camp

## CAMP CHAIRS, Folding—See Chairs, Folding

## CAMP COOKING UTENSILS—See Utensils, Cooking, Camp

## CAMP COTS, Folding—See Cots, Camp, Folding

## CAMP FIRE FORKS—See Forks, Toasting

## CAMP FIRE GRUB STAKES—See Grub Stakes, Camp Fire

## CAMP FOLDING FURNITURE—See Chairs, Folding; also Cots, Camp, Folding; also Beds or Berths, Camp & Automobile

## CAMP GRATES—See Grates, Camp

## CAMP GRIDS—See Grids, Camp

## CAMP GRILLS—See Grills, Charcoal

## CAMP LAMPS—See Lamps, Camp

## CAMP OVENS—See Ovens, Camp

## CAMP STOOLS—See Stools, Camp

## CAMP STOVES—See Stoves, Camp

## CAMPING OUTFITS—See Outfits, Camping; also article desired

## CAN OPENERS—See Openers, Can

## CAN SEALING MACHINES—See Machines, Can Sealing

## CAN TAP FAUCETS—See Faucets, Tap, Can

## CANDLE HOLDERS—See Holders, Birthday Cake Candle

## CANDLE WICKING—See Wicking, Cotton

## CANDLES, Christmas, Electric

Gloite Corp., Waukegan, Ill.  
 Noma Electric Corp., 55 W. 13th, New York, N. Y. "Noma"  
 Pollock (Leo) Corp., 644 Bway., New York, N. Y. "Polly"  
 CANDLES, Christmas Tree—See Candles, Birthday

## CANDLES, Fancy

Art Candle Co., Syracuse, N. Y.  
 Cathedral Candle Co., Syracuse, N. Y.  
 Colonial Candle Co. of Cape Code, Hyannis, Mass.  
 Columbia Wax Wks., 9425 Ocean Av., Ozone Park, Long Island, N. Y.  
 Diamond Candle Co., Inc., 1073 Metropolitan Av., Bklyn, N. Y.  
 Emery Industries, Inc., Cincinnati, O.  
 Empire Candle Works, 126 13th, Bklyn., N. Y.  
 Mack-Miller Candle Co., Syracuse, N. Y.  
 Root (A. I.) Co., Medina, O.  
 Socony-Vacuum Oil Co., Inc., 26 Bway., New York, N. Y.  
 Will & Baumer Candle Co., Inc., Syracuse, N. Y.

## CANDLES, Plumbers'

Emery Industries, Inc., Cincinnati, O.  
 Empire Candle Works, 126 13th, Bklyn., N. Y.  
 Gross (A.) Candle Co., Inc., Baltimore, Md.  
 Muench-Kreuzer Candle Co., Inc., Syracuse, N. Y.  
 Socony-Vacuum Oil Co., Inc., 26 Bway., New York, N. Y.  
 Werk (M.) Co., St. Bernard, Cincinnati, O.  
 Will & Baumer Candle Co., Inc., Syracuse, N. Y.

## CANDLESTICKS

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 American Windshield & Specialty Co., 442 Boston Post Rd., Milford, Conn. "Puritan"  
 Centre Brass Works, Inc., 72 Spring, New York, Chapman (W. H.), Middletown, Conn.  
 Colonial Brass Co., Middleboro, Mass.  
 Cooke-Roberts Corp., Orange, Mass.  
 Howes (S. M.) Co., Boston, Mass.  
 Ohlson Metal Products Co., Waltham, Mass. "Candle-  
 delete," "Scrol-Lo"

## Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.

## Rostand Mfg. Co., Milford, Conn.

## United States Glass Co., Pittsburgh, Pa.

## CANDY THERMOMETERS—See Thermometers, Candy

## CANE BOLTS—See Bolts, Cane

## CANE EVAPORATORS—See Evaporators, Cane and Maple Sugar

## CANE FIBRE BOARD INSULATION—See Insulation, Board, Fibre, Cane

## CANE KNIVES—See Knives, Cane

## CANES, Stockmen's, Electric

Electric Stock Driver Co., Bellefontaine, O.

## CANISTER SETS, Kitchen—See Sets, Canister, Kitchen

## CANNED HEAT—See Heat, Canned

## CANNERS, Cold Pack

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro," "Viko"  
 Atlantic Stamping Co., Rochester, N. Y.  
 Buckeye Aluminum Co., Wooster, O. "Buckeye"  
 Enterprise Aluminum Co., Massillon, O.  
 Federal Enameling & Stamping Co., McKees Rocks, Pa.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
 Moore Enameling & Mfg. Co., W. Lafayette, O. "Enamlart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Swartzbaugh Mfg. Co., Toledo, O. "Conserve"  
 United States Stamping Co., Moundsville, W. Va. "Col-Pac"  
 West Bend Aluminum Co., West Bend, Wis.

## CANNING OUTFITS and SUPPLIES

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Ball Bros. Co., Muncie, Ind. "Thrifty" (Pressure Canner)  
 Burpee Can Sealer Co., 218 W. Liberty, Barrington, Ill. "Burpee"  
 Everedy Co., Frederick, Md. (Jelly Bag)  
 McAleer (E. J.) & Co., Inc., 1422 N. 8th, Phila., Pa.  
 National Aluminum Mfg. Co., Peoria, Ill. "Health" (Sealer)  
 National Can Co., 110 E. 42nd, New York, N. Y. (Sealer)  
 National Pressure Cooker Co., Eau Claire, Wis. "National Automatic," "National Standard" (Sealing Machine and Steamer)  
 United Sales & Mfg. Corp., 1831 N. W. 23rd Place, Portland, Ore. "Captite," "Griptite"  
 Wisconsin Aluminum Fdry. Co., Inc., Manitowoc, Wis. (Sealer & Steamer)

## CANNING MACHINES—See Machines, Can Sealing

## CANNING RACKS—See Racks, Canning, Cold Pack

## CANNON STOVES—See Stoves, Cannon, Heavy Type

## CANNONS, Toy

Conestoga Corp., Bethlehem, Pa. "Big-Bang"  
 Kenton Hdw. Co., Kenton, O.  
 Kilgore Mfg. Co., Waterville, O.

## CANOE CUSHIONS—See Cushions, Boat and Canoe

## CANOE PADDLES—See Paddles, Canoe

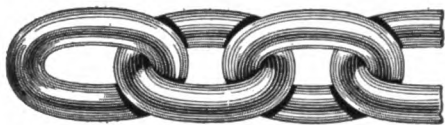
## CANOES

(See also Boats)  
 Darrow Steel Boat Co., Albion, Mich.  
 Gold Medal Folding Furniture Co., Racine, Wis.  
 Kennebec Boat & Canoe Co., Waterville, Me.  
 Keady (Daniel) & Son, West De Pere, Wis.  
 Old Town Canoe Co., Old Town, Me.  
 Robertson, J. R., Anburndale, Mass.  
 St. Louis Boat & Canoe Co., Valley Park, Mo.  
 Skaneateles Boat & Canoe Co., Skaneateles, N. Y.  
 Thompson Bros. Boat Mfg. Co., Peshtigo, Wis.

## CANS, Ash, Galvanized, Corrugated, Etc.

Atlantic Stamping Co., Rochester, N. Y.  
 Brooklyn Metal Ware Co., 222 Varet, Bklyn., N. Y.  
 Cincinnati Galvanizing Co., Cincinnati, O. "King"  
 Durlach Can & Iron Works, 168 7th, Bklyn., N. Y.  
 Friedley-Voshardt Co., Chicago, Ill.  
 General Metalware Co., Minneapolis, Minn. "Martintware"  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Ideal Can Co., Everett, Mass.  
 Kreamer (A.) Inc., 307 Kent Ave., Bklyn., N. Y.  
 Lamothe (E. J.) Co., 127 Wyllis Av., Malden, Mass. "Lamco"  
 Majestic Can Corp., 286 Richardson, Bklyn., N. Y.  
 Manhattan Mfg. & Jobbing Co., 182 Av. C, New York, N. Y.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Reeves Steel & Mfg. Co., Dover, O. "Atlas," "Biltwell," "Capital," "Dependable," "Dixie," "Engineers," "Favorite," "Samson," "Super," "Vulcan"  
 Richardson (M. A.) Inc., 2934 W. Lake, Chicago, Ill.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schlueter Mfg. Co., St. Louis, Mo. "Jewel"  
 Sexton Can Co., Everett, Mass. "Ajax"  
 Witt Cornice Co., 2114 Winchell Av., Cincinnati, O. "Brighton," "Modern Home," "Wico," "Witt"

# AMERICAN Welded CHAIN



## Acco Proof and BBB Coil Chain

Acco Proof Coil Chain is for ordinary uses, except for lifting. Made from open hearth basic steel. Natural finish. 15 sizes from 3/16 in. to 1 1/2 in. Proof test 3/16 in. smallest size, 1,045 Lbs. 1 1/2 in. 54,400 Lbs. BBB Coil recommended for flexibility, strength and durability. Blacked finish. Used for ordinary lifting but where safety is at stake Ajax or H B Dredge Iron Chain should be used. Same sizes as Acco Proof, but heavier and stronger. 3/16 in. BBB proof test 1300 Lbs. 1 1/2 in. BBB proof test 68,000 Lbs.



## Elwel Coil Chain

Electrically welded, bright finish. Twist or Straight link. Unless specified twist link furnished. 13 sizes. Nos. 6 to 6/0 inc. 100 Ft. in carton. No. 7/0 supplied in lengths of 100 Ft. in bulk, unless ordered in continuous length. Tensile strength 12 Ga. wire smallest size 475 Lbs., 5/16 in. wire largest size 4050 Lbs.



## Elwel Machine Chain

A short link electrically welded, bright finish chain for general uses where strength and compactness are desired. Twist or Straight link. Twist link furnished, unless straight link is specified. 12 sizes. Nos. 5 to 6/0 inc., packed 100 Ft. in carton. No. 7/0 in lengths of 100 Ft. in bulk unless ordered in continuous length. Tensile strength 12 Ga. smallest, 620 Lbs., 5/16 in. wire, largest 4260 Lbs.



## Elwel Passing Link Chain

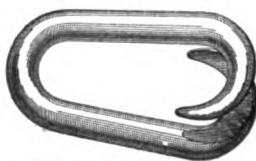
Extra wide links permit free action and passing of one link by the other, impossible to kink. For agricultural and general utility purposes. Continuous lengths, or cut to length as ordered. Bright finish unless otherwise ordered. Nos. 1/0 to 4/0 inclusive, packed 100 Ft. in a carton. Nos. 5/0 to 7/0 inclusive in lengths of 100 Ft. in bulk unless ordered in continuous length.

In  
Business  
for  
Your  
Safety

# A Better Stock Turn . . .

The steady movement of American Welded and Weldless Chains keeps capital active and productive. A good chain stock—carefully selected to meet the demands of your trade—represents one of the soundest investments you can make. Sales are so steady, so certain—that you can buy with confidence in the quantities that gain the favorable prices.

## A CHAIN FOR EVERY PURPOSE



## Acco Repair or Lap Links

For temporarily joining chain. End Open and Side Open types. End Open furnished unless otherwise specified. When possible, attachments should be joined to Welded Chain with welded links. ACCO End Open Repair or Lap Links can be welded. Regularly furnished bright. From smallest size 1 in. long inside to large size 3 1/2 in. long inside.



## Acco Cold Shuts

Two types: No. 1 plain (as shown), No. 2 with shoulder. For joining Welded Chain. When closed and riveted they develop a tensile strength close to that of the chain. Should be at least one size heavier than chain size. Natural finish. 10 sizes from 1/4 in. to 1 in. For use on Dredge Chain, order style No. 3 Cold Shuts.



## Acco Slip Hooks and Grab Hooks

Both drop forged. Natural Finish. For use on Log and other General Utility Chains. Slip Hooks permit chain to slip easily through loop. Grab Hooks when hooked over a link, chain will not slip. Both types in 9 sizes for chains from 1/4 in. to 1 in. diameter. Order by size of chain.

## Also Welded Chain in the Following Items:

Acco Electric Welded Steel Loading Chain, Ajax Fire Welded Steel Loading Chain, HC High Test Steel Chain, HB and Ajax Dredge Chain, Conveyor Chain, General Purpose or Utility Log or Towing Chains, Truck Chain, Cow Ties, Halter Chains and Harness Chains.



## El-Wel-Tra Trace Chains

Wrought steel, electrically welded, bright finish. Malleable swivel, patented. Furnished in straight link with either Ring or Hook. Sizes 6 1/2 Ft. to 9 Ft. length over all, with 8 or 10 links per Ft. In Nos. 2, 1 and 0 Ga., 1/4, 9/32 and 5/16 in.

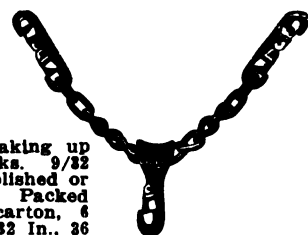


## El-Wel-Tra Butt Chains

Straight Link with Ring or Hook, also with Ring and Hook, with Hook and Hook, or with Ring and Swivel (Texas Pattern). Packing: 1 doz. pairs in bag; 18 and 24 in., 20 doz. pairs, 30 and 36 in., 16 doz. pairs, in barrel. Bright, Japaned or Electro-Copper Plated Finish. Approximate Weight per Dozen Pairs Butt Chains—Pounds:

Length of Chain—Inches	18	24	30	36
8 Links per Ft. No. 2 (1/4 in.)	21	27	31	37
8 Links per Ft. No. 1 (9/32 in.)	27	33	42	45
8 Links per Ft. No. 0 (5/16 in.)	32	41	50	60

## Ajax Breast Chains



Adjustable by taking up or dropping links. 9/32 in. material. Polished or XC Plate Finish. Packed 2 pairs in a carton, 6 lengths, 28 in., 32 in., 36 in., 40 in., 44 in. and 48 in.



## Elwel Heel Chains

No. 45 with Swivel Dee, 1 1/4 in., 1 1/2 in. or 2 in. Links 1/4 in. x 2 1/2 in. long inside. Bright finish. No. 57 with snap. Handy Heel or Trace Chain No. 0 (5/16 in.) material; links 1/4 in. x 3 in. inside.



## Acco Log Chains

Commonly used as general utility chains. Furnished self-colored, polished or blacked. Sizes 1/4, 5/16, 3/8, 7/16, 1/2, 5/8 and 3/4 in. Style 110 has ring on one end, swivel in center and grab hook on other. Style 120 illustrated has grab hook on one end, swivel in center, and slip hook on other end.

AMERICAN CHAIN DIVISION  
AMERICAN CHAIN & CABLE COMPANY, Inc.  
YORK • PENNSYLVANIA



Mention Hardware Age When Writing

Digitized by Google



## ... and Better Returns!

No stock depreciations—no bothersome adjustments—no costly servicing. Bought and sold at prices that give you opportunity for profit. These are among the principal reasons why a well-selected chain stock is so reliably profitable. It will pay you well to sell chain the American Chain & Cable Company way. Ask your wholesale distributor.

### A PURPOSE FOR EVERY CHAIN



#### American Sash Chain

Copper Bearing Steel and Bronze

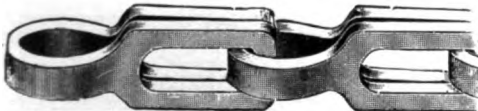
Strong and uniformly designed links—operate freely over all standard pulleys. Finishes: Steel Chain—Polished Bright, Coppered, Galvanized, Hercules Finish (Galv. and Copper Plated), Nickel or any plated finish. Bronze: A strong non-corrosive and durable alloy, especially selected for Sash Chain.

A size for every weight sash, viz.:  
 New Nos. 25 30 35 40 45 50  
 Old Nos. 60 80 100 120 150 200  
 For sash weighing not over  
 Lbs. 50 60 100 150 175 200  
 Fixtures: All Types and Combinations



#### American Pattern Chain

Made from flat stock. Smooth, uniform—works freely over pulleys. Adaptable for many uses. Made in full range of sizes from No. 12, less than 1/16 in. across link to No. 280 approximately 1/2 in. across link. Bright finish. Packed 100 feet in carton unless otherwise ordered. Also put up 250 ft. and 500 ft. on reels.



#### Loom Friction Chain

(American Pattern)

Sizes No. 4/0 Special, 210 and 280. Tensile strength 1750, 2100 and 3000 lbs. resp. No. 4/0 Special for weaving medium weight fabrics: No. 210 and 280 for carpets, duck, etc.



#### Safety Chain, Steel and Brass

Seven standard sizes Nos. 000 to 4 inclusive. Packing: In 50 Ft. Cartons or multiples thereof and 500 Ft. Reels.



#### Double Jack Chain

(Steel and Brass)



#### Single Jack Chain

(Steel and Brass)

A light weldless wire chain suitable for use where strength is not a factor. Double Chain in eleven sizes, Nos. 24 to 10. Single in 14 sizes, Nos. 24 to 5. Furnished in either brass or steel. Packed in cartons of 50 Ft. each and on reels of 500 Ft.

#### Acco No. 8 Sash Chain Runs Over Any Cord Pulley

For hanging windows in large, fireproof buildings, apartment houses and smallest dwellings. Finishes:—Coppered or galvanized—rust-proof. Packed 100 Ft. in cloth bags with fixtures for seven complete windows. Also in attractive display cartons, each containing 10 small packages having four 4-Ft. pieces and fixtures for one complete double hung window—ready for use. Also on reels of 500 Ft., fixtures in separate packages.



#### Tenso Porch Swing Chains

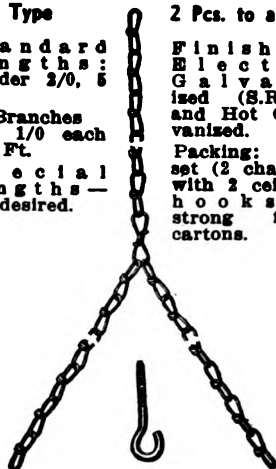
Y Type

Standard lengths: Leader 2/0, 5 Ft.  
 2 Branches No. 1/0 each 2 1/2 Ft.  
 Special lengths—as desired.

2 Pcs. to a Set

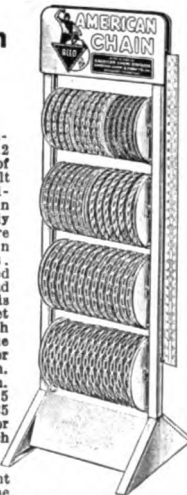
Finishes: Electro Galvanized (S.R.P.) and Hot Galvanized.

Packing: One set (2 chains) with 2 ceiling hooks in strong fibre cartons.



#### Acco Chain Sales-Maker

Provide a silent display salesman for 12 kinds or sizes of ACCO Chain. Built to N.R.H.A. specifications. The chain on reels is readily stocked and more readily sold than chain in cartons. Chain can be unreel directly from rack and cut to length. Rack is made of heavy sheet metal, welded. Finish—attractive dark blue body with 4-color lithographed sign. Dimensions: 54 in. high, 16 in. deep, 15 in. wide. Weight 35 lbs. net. Send for Special Folder which gives complete information and prices on the Six Different Assortments, any one of which may be had with rack.



## AMERICAN Weldless CHAIN



#### Tenso Pattern Chain

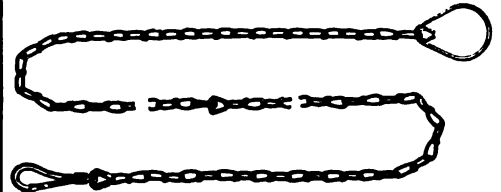
Most popular type steel wire chain, adapted for general uses, viz.: Well Chain, Swing Chains, General Utility Purposes. Made in 18 sizes, No. 7 (No. 18 W & M gage) to 10/0 (No. 2 gage) inclusive. Finishes:—Polished Bright, Electro Galvanized, Hot Galvanized or any plate. Packing:—Reels containing 250 or 500 Ft. Fibre Shipping Cases containing 250 Ft. Kegs containing 500 Ft. Packages containing 100 Ft.

#### Tenso Tie-Out or Picket Chains

Five sizes carried in stock, Nos. 1, 1/0, 2/0, 3/0 and 4/0. Larger sizes made to order. Four lengths, 20, 30, 40 and 50 Ft. assembled with swivels; ring and swivel snap attached to opposite ends. Finishes:—Polished Bright or Galvanized. Packing:—Each chain in a strong, labelled muslin bag, requiring minimum amount of storage space.

#### Tenso Halter and Dog Chains

Standard lengths, 4 1/2 and 6 Ft., sizes No. 7 to 6/0 inclusive. Swivel Snap and Toggle Bar attached to opposite ends, or snaps at each end. The 4 1/2 Ft. has one, the 6 Ft. length two adjustment rings. Finishes:—Polished Bright or Galvanized. Halter Chain Sizes, Nos. 1/0 to 6/0 inclusive, packed 1/2 dozen in carton. Dog Chain Sizes Nos. 7 to 1 inclusive, packed one dozen in carton.



#### Tenso Dog Runner Chain

Runs on wire or rope fastened between two posts. Keeps dog tethered, yet provides plenty of room for exercise. For town and rural use. Made in 10, 12 and 15 Ft. and special lengths, for all size dogs. Nos. 4 to 2/0 chains inclusive carried in stock. Strong swivel snap attached to opposite ends or detachable ring and swivel snap at opposite ends, swivel in center of 15 Ft. chain. Finishes: Polished Steel, Galvanized, or Nickel Plated. Packing: Each chain in a strong fibre carton.

#### Tenso Kennel Chains

Made in all sizes, 4 1/2, 6 and 9 Ft. lengths. Other lengths as desired. Strong swivel snap attached to opposite ends of each chain, swivel in center. Finishes: Polished Steel, Galvanized or Nickel Plated. Packing: Large size, 1/2 dozen in carton; medium and small sizes 1 dozen in each carton.



#### Lock Link Pattern Chain

A smooth, flexible weldless wire chain which lies flat and allows of many adjustments. Adaptable to many general uses. Used extensively on light conveyors, rolling shutters and folding doors. The shape of the links makes it ideal for operating over sprocket wheels. Bright, galvanized or any other finish required. Packed 100 feet in a carton unless otherwise specified. Also put up 250 feet and 500 feet on reels.

Mention Hardware Age When Writing

# Picture of Prestige...and Volume

## THERMOS

TRADE-MARK REG. U. S. PAT. OFF.

### BRAND VACUUM BOTTLES

**No. 34A LINE**—Buff bottles with red and black stripe. Atherlite heat-resisting cup. Four nested cups on quart.

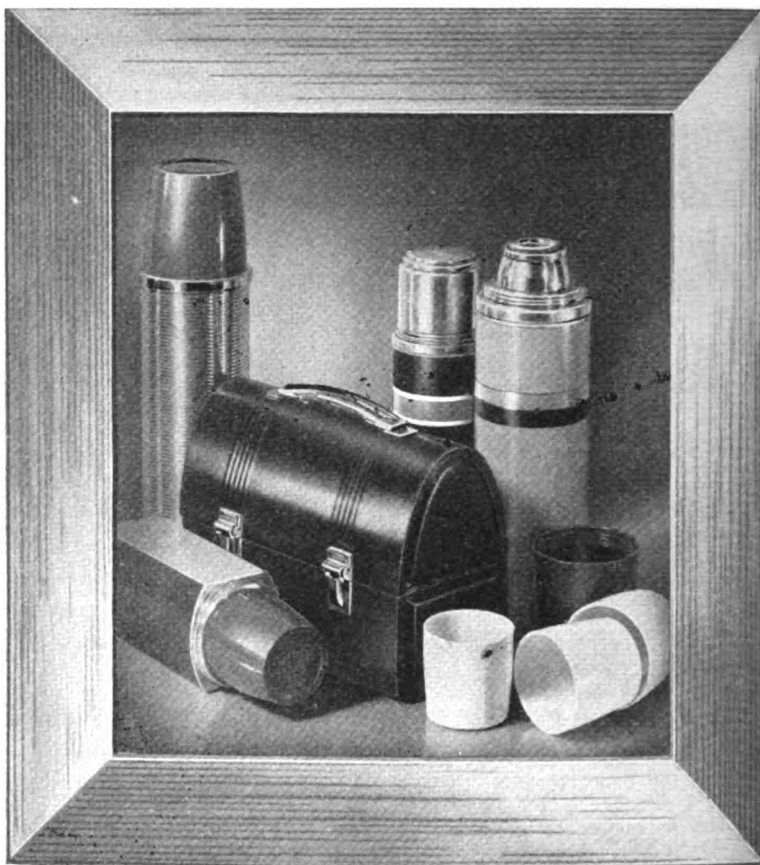
**No. 7 LINE**—Black bottles with cream-edged red stripe. Aluminum cup. Priced for volume sales.

**No. 37 LINE**—The Square-Oval, non-rolling bottle. Morocco finish in chocolate and tan. Atherlite cup. Four on quart.

**No. 17 LINE**—Deluxe chromium plated, seamless brass case. Ridged to give positive grip. Displays beautifully. Atherlite cups. Four on quart.

**LUNCH KITS**—*Thermos* offers a full line of workmen's kits and school lunch kits. Eye-catching colors. Durable metal cases. Complete with pint or half-pint bottle.

*Bottles, packed in individual cartons, and all types of kits, come 10 in a standard shipping case. All stated capacities are approximate.*



Your customers know and prefer *Thermos* brand Vacuum Ware. And *Thermos* maintains this prestige with a steady, consistent schedule of national advertising. Take advantage of *Thermos* prestige . . . go after *Thermos* volume.

## ICY-HOT

... DISTRIBUTED EXCLUSIVELY THROUGH WHOLESALERS

Style, utility, competitive price—*Icy-Hot* brand vacuum bottles and lunch kits have what it takes to build real volume. Product of The American Thermos Bottle Company...distributed through wholesalers exclusively...sold to the trade at net prices.

**No. 2410**—Quart *Icy-Hot* vacuum bottle—red barrel with black stripes—aluminum shoulder and cup—efficient vacuum-glass filler.

**No. 2210**—Pint *Icy-Hot* vacuum bottle of same design and construction.

**No. 2110**—Half-pint *Icy-Hot* vacuum bottle of same design and construction.

The *Icy-Hot* line of lunch kits is complete. Popular styles for workmen, older and younger school children. Many outstanding sales features. Each has generous food capacity, and includes *Icy-Hot* vacuum bottle.

*Icy-Hot* vacuum bottles are cartoned individually and packed 10 units to a shipping case. All stated capacities are approximate.

THE AMERICAN THERMOS BOTTLE COMPANY, NORWICH, CONN.  
Thermos Bottle Company, Limited, Toronto

Thermos Limited, London

Mention Hardware Age When Writing

Digitized by Google

**CANS, Ash and Garbage**

(See also Receptacles, Garbage)

American Can Co., 230 Park Av., New York, N. Y.  
 Atlantic Stamping Co., Rochester, N. Y.  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Brooklyn Metalware Co., 222 Varet, B'klyn, N. Y.  
 Cincinnati Galvanizing Co., Cincinnati, O. "Kings"  
 Cleveland Wire Spring Co., Cleveland, Ohio.  
 Cruden (Martin) Mfg. Co., St. Louis, Mo.  
 Diener (Geo. W.) Mfg. Co., Chicago, Ill.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Durlach Can & Iron Works, 168 7th, B'klyn, N. Y.  
 Eastern Can Co., 306 Bremen, East Boston, Mass.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Hill (Jas.) Mfg. Co., Providence, R. I.  
 Ideal Can Co., Everett, Mass.  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Kluwer Mfg. Co., Dubuque, Ia.  
 Klein Mfg. Co., Burlington, Ia.  
 Koven (L. O.) & Bro., 154 Ogden Av., Jersey City, N. J.  
 Kreamer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
 Lamothe (E. J.) Co., 127 Wyllis Av., Malden, Mass. "Lamco"  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
 Lynn Iron Fdry., Inc., Lynn, Mass.  
 Madewell Mfg. Co., Oakland, Cal.  
 Majestic Can Corp., 296 Richardson, Bklyn., N. Y.  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Sanette" (Step-On)  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 New York Standard Mfg. Co., Inc., 99 Kent Av., B'klyn, N. Y.  
 Northwest Metal Products, Inc., Seattle, Wash. "Chief," "Norwesco"  
 Peoria Metal Specialty Co., Peoria, Ill.  
 Pittsburgh Tinware Mfg. Co., Pittsburgh, Pa.  
 Richardson (M. A.) Inc., 2934 W. Lake, Chicago, Ill.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Sanitary Receiver Co., Inc., Dunkirk, N. Y. "Hydawaite," "San-Can"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schluter Mfg. Co., St. Louis, Mo. "De Luxe"  
 Sexton Can Co., Everett, Mass. "Ajax" "Strong-Hoop"  
 Sigl Plumbing & Fg. Corp., Buffalo, N. Y. "San All"  
 Steel Basket Co., Cedar Rapids, Ia.  
 United Ash Can Mfg. Co., 2372 3rd Av., New York, N. Y.  
 Vernier Mfg. Co., Cedar Rapids, Ia.  
 Wheeling Corrugating Co., Wheeling, W. Va.  
 Witt Cornice Co., 2114 Winchell Av., Cincinnati, O. "Brighton," "Modern Home," "Wico," "Witt"  
 Woolwine Metal Products Co., 5119 S. Riverside Drive, Los Angeles, Cal. "Bear Brand," "G can"

**CANS, Bait**

Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Pails City"  
 Thomas Bait Can Co., Lake Geneva, Wis.

**CANS, Ice Cream**

Cherry-Burrell Corp., Chicago, Ill.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 Sheet Metal Specialty Co., Pittsburgh, Pa. "Follansbee Forge"  
 Solar-Sturges Mfg. Co., Melrose Park, Ill.

**CANS, Milk**

Atlantic Stamping Co., Rochester, N. Y.  
 Buckeye Aluminum Co., Wooster, O. "Buckeye"  
 Creamery Package Mfg. Co., Chicago, Ill.  
 General Metalware Co., Minneapolis, Minn. "Martinware"  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Lalance & Grosjean Corp., Woodhaven, L. I., N. Y.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Sheet Metal Specialty Co., Pittsburgh, Pa. "Follansbee Forge"  
 Solar-Sturges Mfg. Co., Melrose Park, Ill. "Never-leak," "Solar"  
 Superior Metal Products Co., St. Paul, Minn.

**CANS, Oil and Gasoline**

Atlantic Stamping Co., Rochester, N. Y.  
 Behrens (H.) Mfg. Co., Winona, Minn.  
 Beman Automatic Oil Can Co., Meadville, Pa.  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Chapin (R. E.) Mfg. Works, Batavia, N. Y.  
 Cincinnati Ball Crank Co., Cincinnati, O. "Brookings"  
 Connecticut Can Co., Connecticut, O. "Red Hoop"  
 Continental Can Co., Inc., 100 E. 42nd, New York, N. Y.  
 Cruden (Martin) Mfg. Co., St. Louis, Mo.  
 Diener (Geo. W.) Mfg. Co., Chicago, Ill. "Protection"  
 Dover Stamping & Mfg. Co., Cambridge, Mass. "Acme"  
 Eagle Mfg. Co., Wellsburg, W. Va. "Eagle Flexo-Spout," "Two-In-One"  
 Enterprise Stamping Co., McKees Rocks, Pa. (Square)  
 Gem Mfg. Co., Pittsburgh, Pa.  
 General Metalware Co., Minneapolis, Minn. "Martinware"  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Handlan-Buck Mfg. Co., St. Louis, Mo.  
 Handy Oil Co., Danville, Ind.

Harker Mfg. Co., Cincinnati, O. "Queen"  
 Harpe (J. A.) Mfg. Co., Greenfield, O. "Never-Fail"  
 Huffman Mfg. Co., Dayton, O.  
 Hunt & Dorman Mfg. Co., Cleveland, O.  
 Jackson (J. W.) Co., Sharpsville, Pa.  
 Johnson Mfg. Co., Urbana, O.  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Kiechler Mfg. Co., Cincinnati, O.  
 Klein Mfg. Co., Burlington, Ia.  
 Koven (L. O.) & Bro., 154 Ogden Av., Jersey City, N. J.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Lidseen (Gustave), Inc., 880 S. Central Av., Chicago, Ill. "Lidseen"  
 Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
 Miller-Peerless Mfg. Co., 452 N. Sangamon, Chicago, Ill. "Peerless"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco," "Superior"  
 New Delphos Mfg. Co., Delphos, O. "C. C. Brands," "Legal," "Never Leak"  
 Ohio Galvanizing Mfg. Co., Niles, O.  
 Owens-Illinois Can Co., Toledo, O.  
 Protectoseal Co., 1922 S. Western Av., Chicago, Ill.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schluter Mfg. Co., St. Louis, Mo. "De Luxe"  
 Sexton Can Co., Everett, Mass. "Orient," "Puritan"  
 Stempel Fire Extinguisher Mfg. Co., St. Louis, Mo.  
 Weaver Mfg. Co., Springfield, Ill.  
 Wheeling Corrugating Co., Wheeling, W. Va. "Corco," "No-Drip"

**CANS, Oiling—See Oilers****CANS, Oiling, Pressure—See Oilers, Pump or Pressure****CANS, Oiling, Pump or Pressure—See Oilers, Pump or Pressure****CANS, Oily-Waste—See Cans, Waste****CANS, Radiator Filler, Automobile**

Atlantic Stamping Co., Rochester, N. Y.  
 Behrens (H.) Mfg. Co., Winona, Minn.  
 Cincinnati Ball Crank Co., Cincinnati, O. "Brookings"  
 Eagle Mfg. Co., Wellsburg, W. Va.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Huffman Mfg. Co., Dayton, O.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 New Delphos Mfg. Co., Delphos, O.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Sexton Can Co., Everett, Mass.  
**CANS, Sprinkling—See Pots, Watering**

**CANS, Waste**

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Brooklyn Metal Ware Co., 222 Varet, B'klyn, N. Y.  
 Cincinnati Ball Crank Co., Cincinnati, O. "Brookings"  
 Cincinnati Galvanizing Co., Cincinnati, O. "King"  
 Cleveland Wire Spring Co., Cleveland, O.  
 Continental Can Co., Inc., 100 E. 42nd, New York, N. Y.  
 Diener (Geo. W.) Mfg. Co., Chicago, Ill. "Perfection"  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Durlach Can & Iron Works, 168 7th, B'klyn, N. Y.  
 Eastern Can Co., 306 Bremen, East Boston, Mass.  
 Economy Baler Co., Ann Arbor, Mich.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Ideal Can Co., Everett, Mass.  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Koven (L. O.) & Bro., 154 Ogden, Jersey City, N. J.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Majestic Can Corp., 296 Richardson, Bklyn., N. Y.  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Sanette" (Step-On)  
 National Can Co., Inc., 110 E. 42nd, New York, N. Y. "Empeco"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 New Delphos Mfg. Co., Delphos, O.  
 Northwest Metal Products, Inc., Seattle, Wash. "Chief"  
 Ohio Corrugating Co., Warren, O.  
 Reeves Steel & Mfg. Co., Dover, O.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Sanitary Receiver Co., Inc., Dunkirk, N. Y. "Hydawaite," "Refuse-Can"  
 Sexton Can Co., Everett, Mass.  
 Solar-Sturges Mfg. Co., Melrose Park, Ill.  
 Steel Basket Co., Cedar Rapids, Ia.  
 Stempel Fire Extinguisher Mfg. Co., St. Louis, Mo.  
 Wall (P. B.) Mfg. Supply Co., 3126-3166 Preble Av., Pittsburgh, Pa.  
 Wilson (Andrew) Co., Lawrence, Mass.  
 Witt Cornice Co., 2114 Winchell Av., Cincinnati, O. "Witt"

**CANT HOOK HANDLES—See Handles, Cant Hook****CANT HOOKS—See Hooks, Cant****CANTEENS**

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
 Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Campbell (A. S.) Co., East Boston, Mass. "Cello"  
 Dean Specialty Wks., San Antonio, Tex.  
 New Delphos Mfg. Co., Delphos, O.

Outdoor Supply Co., Inc., 164 Madison Av., New York, N. Y. "Osco"  
 Pueblo Tent & Awning Co., Inc., Pueblo, Colo.  
 Rome Sporting Goods Mfg. Co., Rome, N. Y.  
 Woolwine Metal Products Co., 5119 S. Riverside Drive, Los Angeles, Cal. "Bear Brand"  
 Worcester Pressed Aluminum Co., Worcester, Mass. "Palco"

**CANVAS**

Boyle (John) & Co., 112 Duane, New York, N. Y.  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Daniels (C. R.), Inc., 101 Crosby, New York, N. Y.  
 Fulton Bag & Cotton Mills, Atlanta, Ga.  
 Humphrys (R. A.) Sons, Inc., 1019 Callowhill, Phila., Pa.  
 Stanley (Wm. W.) Co., Inc., 359 B'way, New York, N. Y.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wellington Sears Co., 64 Worth, New York, N. Y.  
 Werner Canvas Products Co., 607 Bergen, B'klyn, N. Y.

**CANVAS APRONS—See Aprons, Canvas****CANVAS BAGS—See Bags, Canvas****CANVAS BELTING—See Belting, Canvas Stitched****CANVAS CEMENT—See Cement, Canvas****CANVAS GLOVES—See Gloves and Mittens, Canvas, Cotton, Leather, Etc.****CANVAS LEGGINGS—See Leggings, Canvas****CANVAS PRESERVERS—See Preservers, Metal, Leather, Wood, Canvas, Etc.****CANVAS WATER BAGS—See Bags, Water Carrying****CAP CRIMPERS—See Crimpers, Cap****CAP NUTS—See Nuts, Cap****CAPPED SADDLE TACKS—See Tacks, Capped Saddle****CAPPERS, Bottle, Hand**

(See also Capping Machines, Bottle)

Crown Cork & Seal Co., Inc., Baltimore, Md. "Pyramid"  
 Debus Mfg. Co., Hastings, Neb. "Handy" (Combination)  
 Everedy Co., Frederick, Md. "Climax," "Double Duty," "Gear Top"  
 Gem Stopper Co., Phila., Pa.  
 Grand Rapids Wire Products Co., Grand Rapids, Mich.  
 Scovill Mfg. Co., Waterbury, Conn.  
 United States Lock & Hdw. Co., Columbia, Pa.  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Easy-Protecto"

**CAPPERS, Milk Bottle, Hand**

Conco Engineering Wks., Mendota, Ill. "Dairy Maid"  
 Creamery Package Mfg. Co., Chicago, Ill.  
 Manning Mfg. Co., Rutland, Vt.  
 Modern Equipment Co., Greensburg, Pa.  
 Specialty Brass Co., Kenosha, Wis.

**CAPPERS, Screw**

Rawplug Co., Inc., 97 Lafayette, New York, N. Y. "Crowners" (Patented)

**CAPPING MACHINES, Bottle**

(See also Cappers, Bottle, Hand)

Anchor Cap & Closure Corp., 10 Queens, Long Island City, N. Y.  
 Cedar Rapids Foundry & Mach. Co., Cedar Rapids, Ia.  
 Crown Cork & Seal Co., Inc., Highlandtown, Baltimore, Md. "Pyramid"  
 Hamilton Beach Co., Racine, Wis.  
 Ideal Mfg. Co., Kewanee, Ill.  
 King (C. M.) & Co., Racine, Wis.  
 Millers Falls Co., Greenfield, Mass.  
 Scovill Mfg. Co., Waterbury, Conn.  
 Specialty Brass Co., Kenosha, Wis. (Milk Bottle)  
 U. S. Bottlers' Machy. Co., Chicago, Ill.

**CAP PISTOLS—See Pistols, Toy****CAP SCREWS—See Screws, Cap****CAPE CHISELS—See Chisels, Cape****CAPS, Advertising**

Advertisers Mfg. Co., Ripon, Wis.  
 American Advertising & Shop Cap Co., 222 Washington, Hoboken, N. J.  
 Bertram Co., 132 S. 11th, Phila., Pa.  
 Kemper-Thomas Co., Park Av., E. Cincinnati, O.  
 Marso & Rodenborn Mfg. Co., Fort Dodge, Ia.  
 New York Advertising Cap Co., Inc., 96 Spring, New York, N. Y.  
 Standard Awning Co., 83 Avon, Hartford, Conn.

**CAPS, Anchor**

Rawplug Co., Inc., 97 Lafayette, New York, N. Y. "Crowners"

**CAPS, Bathing**

Davol Rubber Co., Providence, R. I.  
 Goodrich (B. F.) Co., Akron, O.  
 Kleinfert (L. B.) Rubber Co., 485 5th Av., New York, N. Y.



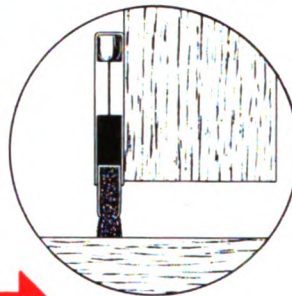


**MR. DEALER!**  
**STOCK THESE 3 CHAMBERLIN**  
**MONEY MAKERS FOR**  
**QUICK, OVER THE COUNTER**  
**SALES—**

## **1** **AUTOMATIC — NO DRAFT** **DOR-SEAL**

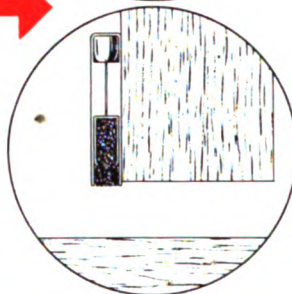
(OPENS AND CLOSES AUTOMATICALLY)

A simple, effective, low cost device which anyone can attach to inside or outside doors with a screw-driver in five minutes. Is made of finest bonderized steel and felt; in three attractive finishes. Comes in five standard sizes to fit doors 28", 30", 32", 34" and 36". Individually packed. Sales helps include Operating Counter Model; Counter Cards and Circulars.



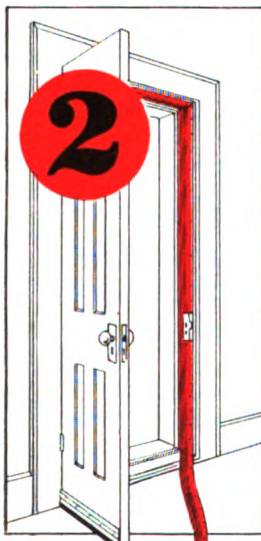
### **DOR-SEAL CLOSED**

Dor-Seal fits inconspicuously on the inside of any door. When the door is closed, it presses firmly against the floor, sealing the gap and stopping cold drafts. Seals a gap up to  $\frac{3}{4}$ " in height. Also deadens sounds.



### **DOR-SEAL OPEN**

Dor-Seal operates automatically—every time. When the door is opened, Dor-Seal raises instantly so that the door can clear a rug or carpet. There is nothing to adjust or get out of order. Nothing to catch clothing or cause injury to little fingers.



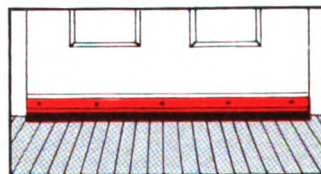
## **2** **BRONZE** **WEATHER** **STRIP**

### **FOR WINDOWS** **AND DOORS**

All bronze and rustless; double-hemmed and corrugated for extra strength. Pre-punched for easy nailing. Comes in convenient "dispensing" packages of 100 ft. coils, nails and instructions included. Four widths— $\frac{7}{8}$ " 1"; 1  $\frac{1}{8}$ " and 1  $\frac{1}{4}$ ".



## **3** **METAL COVERED** **DOOR** **BOTTOMS**



A practical, efficient and inexpensive door sealer, made of first quality, heavy moth-proofed felt set in solid brass strip. Easily cut to exact door width.

### **TWO TYPES**

Type A, in 36" or 42" lengths, comes with slotted screw holes and brass screws. Type C, in 36" lengths, is prick-punched and nails are supplied. Door Bottoms are packed in cartons of four dozen.

**ORDER**  
**FROM YOUR**  
**JOBBER**  
**OR WRITE THE**  
**FACTORY**

**CHAMBERLIN METAL WEATHER STRIP COMPANY, INC.**  
 1254 LA BROSSE ST. SINCE 1893 DETROIT, MICHIGAN

Mention Hardware Age When Writing

**CAPS, Blasting**

Atlas Powder Co., Wilmington, Del. "Giant"  
Du Pont (E. I.) de Nemours & Co., Inc., Wilming-  
ton, Del. "Du Pont"  
Berkus Powder Co., Inc., Wilmington, Del.  
Illinois Powder Mfg. Co., St. Louis, Mo.  
Western Cartridge Co., East Alton, Ill. "Delay Elec-  
tric," "Electric," "Protecto-Loop," "Protecto-  
Spool," "Seismograph Electric," "Western"

**CAPS, Bolt, Nut and Screw**

Raviping Co., Inc., 97 Lafayette, New York, N. Y.  
"Crowners," "Lok-Crowners," "Insulok-Crown-  
ers"

**CAPS, Bottle**

Anchor Cap & Closure Corp., 10 Queens, Long Island  
City, N. Y.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Bernardin Bottle Cap Co., Evansville, Ind.  
Bond Mfg. Corp., Wilmington, Del.  
Consolidated Cork Corp., 49 Bogart, Bklyn., N. Y.  
Crown Cap Mfg. Co., 201 27th, Bklyn., N. Y.  
Crown Cork & Seal Co., Inc., Highlandtown, Balti-  
more, Md. "Home Use," "Pyramid," "Re-Ly-On"  
Du Pont Cellophane Co., Inc., 330 Fifth Av., New  
York, N. Y.  
Gem Stopper Co., Phila., Pa.  
Graham Metal Mfg. Co., Inc., Kansas City, Mo. "Ras  
Tite," "MIXIE"  
Imperial Metal Mfg. Corp., 28-01 Queens Blvd., Long  
Island City, "Leak-Proof"  
Meco, Inc., 2947 No. 30th, Milwaukee, Wis. "Filler-  
Kap," "Handy-Kap," "Quickap"  
Modern Metal Products Co., 551 Boylston, Boston,  
Mass. "Tite-Fit"  
Morgan Industrial Products Co., 412 Morgan Av.,  
Bklyn., N. Y.  
Mundt Cork Corp., 65 S. 11th, Bklyn., N. Y.  
Ohio Bottle Cap Co., Piqua, O.  
Phoenix-Hermetic Co., 3720 14th Av., Bklyn., N. Y.  
Richards, Boggs & King, Inc., 387 W. Adams, Chi-  
cago, Ill. "Sheer-O-Sheen"  
Seal Sac, Inc., 385 Purchase, Fall River, Mass.  
"Seal-Sac"  
Tuttle Press Co., Appleton, Wis.

**CAPS, Bottle, Milk**

Crown Cork & Seal Co., Inc., Highlandtown, Balti-  
more, Md. "Dacro"  
Gem Stopper Co., Phila., Pa. "Lightning" (Tin)  
Gordon Mfg. Co., 110 E. 33rd, New York, N. Y.  
Meco, Inc., 2947 N. 30th, Milwaukee, Wis. "Milkar"  
National Mfg. Co., Kansas City, Mo.  
Ohio Bottle Cap Co., Piqua, O.  
Piqua Cap Co., Piqua, O.  
Sealright Co., Fulton, N. Y. "Sealright"  
Super Metal Mfg. Co., Inc., 3923 Hudson Blvd.,  
North Bergen, N. J. "Neva-Drip"  
Thatcher Mfg. Co., Elmira, N. Y.

**CAPS, Chimney**

Adams Co., Dubuque, Ia.  
Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North  
Chicago, Ill.  
Hudson (H. D.) Mfg. Co., Chicago, Ill.  
Maple City Furnace Co., Monmouth, Ill.  
Quinn Wire & Iron Wks., Boona, Ia. "Dandy"  
Simplex Brooder Stove Co., Grand Rapids, Mich.  
"Simplex London"  
Standard Ventilator Co., Lewisburg, Pa.  
Sterling Fdry Co., Sterling, Ill. "Best"  
Twickler (Wm.) & Sons, Inc., 4530 Magazine, New  
Orleans, La. "South-Stat"  
Wildner Mfg. Co., 2001 S. Main, Niles, O.

**CAPS, Fruit Jar**

Anchor Cap & Closure Corp., 10 Queens, Long Island  
City, N. Y.  
Ball Bros. Co., Muncie, Ind. "Vacu-Seal"  
Bernardin Bottle Cap Co., Evansville, Ind.  
Crown Cork & Seal Co., Highlandtown, Baltimore,  
Md.  
Kerr Glass Mfg. Corp., Sand Springs, Okla. "Econ-  
omy"  
Sev Products, Inc., 2002 Rand Bldg., Buffalo, N. Y.  
"Fits-All Ease-On-Ease-Off"  
Upresait Products Corp., 420 Lexington Av., New  
York, N. Y. "Upresait"

**CAPS and HATS, Safety, Miners'**

Bullard (E. D.) Co., 275 Eighth, San Francisco,  
Cal. "Hard Boiled"  
Jones (T. J.) Co., 381 S. Sherman, Wilkes-Barre,  
Pa. "Coal King"  
Mine Safety Appliances Co., Pittsburgh, Pa.  
"Compo," "Doughboy," "M-S-A," "Skullgard"  
Penna Mfg. & Supply Co., Wilkes-Barre, Pa.  
Wilkes-Barre Cap Mfg. Co., 88 E. Northampton,  
Wilkes-Barre, Pa. "Antaxicaps," "Black-Diamond,"  
"Double Safety," "Hedgards," "Protective"  
"Safety"

**CAPS, HUNTING—See Hats, Hunting****CAPS, Pipe—See Fittings, Pipe****CAPS, Post**

Ideal Hanger Co., Div. Consolidated Iron-Steel Mfg.  
Co., 1290 E. 53rd, Cleveland, O.

**CAPS, Roofing, Tin**

Amundson & Co., Baltimore, Md.  
Barrett Co., 40 Rector, New York, N. Y.

Braden Mfg. Co., Terre Haute, Ind.  
Globe Iron Roofing & Corrugating Co., Inc., Newport,  
Ky.  
Heartley Mach. & Tool Co., 900 Summit, Toledo, O.  
Jacks-Evans Mfg. Co., St. Louis, Mo.  
Merwin Mfg. Co., Erie, Pa.  
Penn Supply & Metal Corp., 948 N. 8th, Phila., Pa.  
Robertson Steel & Iron Co., Cincinnati, O.  
Stratton & Terstegge Co., Inc., Mfg. Div., Louisville,  
Ky. "Falls City"  
Wheeling Corrugating Co., Wheeling, W. Va.  
CAR BITS—See Bits, Car  
CAR DOOR LOCKS—See Hardware, Car  
CAR DOOR ROLLERS—See Rollers, Door, Car  
CAR HOPPER WRENCHES—See Wrenches, Hop-  
per, Car  
CAR MOVERS—See Movers, Car  
CAR TOP FISHING RODS, OARS and SKIS CAR-  
RIERS—See Carriers, Car Top, Suction Type  
CAR WASHERS—See Washers, Vehicle  
CARAFON SETS—See Jugs, Vacuum

**CARBIDE, Calcium**

Air Reduction Sales Co., 60 E. 42nd, New York,  
N. Y. "National"  
American Carbolite Co., Duluth, Minn. "Carbolite"  
Linde Air Products Co., 30 E. 42nd, New York, N. Y.  
Shawinigan Products Corp., 350 5th Av., New York,  
N. Y.  
CARBIDE TIPPED DRILLS—See Drills, Carbide  
Tipped

**CARBOLINEUM**

C-A Wood Preserver Co., 6623 Delmar Blvd., St.  
Louis, Mo.  
Carbolineum Wood Preserving Co., 518 Highland  
Ave., Milwaukee, Wis. "Avenarius"  
S.P.F. Wood-Preserving Co., Inc., Cambridge, Mass.

CARBON REMOVING BRUSHES—See Brushes,  
Carbon Removing  
CARBON SCRAPERS—See Scrapers, Carbon  
CARBONATED SYPHONS—See Syphons, Carbo-  
nated

**CARD FRAMES—See Holders, Card****CARD GAMES—See Games, Card****CARD HOLDERS—See Holders, Card****CARD TABLE TRAYS—See Trays, Card Table****CARD TABLES—See Tables, Card****CARDING HARDWARE—See Hardware, Carded****CARDS, Cotton and Wool**

Sandvik Saw & Tool Corp., 47 Warren, New  
York, N. Y. "Mustad" (Swedish)  
Watson & Williams Mfg. Co., Leicester, Mass.  
"Wasco"

**CARDS, Curry—See Combs, Curry****CARDS, File—See Cleaners, File****CARDS, Playing**

Consolidated-Dougherty Card Co., Inc., 385 Gerard  
Av., New York, N. Y.  
Kem Playing Cards, Inc., 330 W. 42nd, New York,  
N. Y.  
Russell Playing Card Co., 200 5th Av., New York,  
N. Y.  
United States Playing Card Co., Park Av., Cincin-  
nati, O. "Bicycle," "Congress"

**CARDS and BOOKS, Price**

Dennison Mfg. Co., Framingham, Mass.  
Dunning, H. A., Westerly, R. I. "Manson's"  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
National Blank Book Co., Holyoke, Mass.  
Phenix Box & Label Co., Kansas City, Mo.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**CARDS, Price, Open Counter Case**

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Hopp Press, Inc., 460 W. 34th, New York, N. Y.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**CARNIVAL DOLLS—See Dolls, Character; also  
Dolls, Composition; also Dolls, Novelty****CARNIVAL HORNS, TOY, ETC.—See Horn, Carni-  
val Toy, etc.****CARPENTERS' ADZES—See Adzes****CARPENTERS' APRONS—See Aprons, Canvas****CARPENTERS' CHALK—See Chalk, Carpenters'****CARPENTERS' CHISELS—See Chisels, Carpenters'****CARPENTERS' CLAMPS—See Clamps, Carpenters'****CARPENTERS' GAGES—See Gages, Carpenters'****CARPENTERS' GOUGES—Gouges, Carpenters'****CARPENTERS' PENCILS—See Pencils, Carpenters'****CARPENTERS' SLICKS—See Slicks, Carpenters'****CARPENTERS' SQUARES—See type desired, under  
Squares****CARPENTERS' TOOLS—See article desired****CARPET BEATERS—See Beaters, Carpet and Rug****CARPET CLEANERS—See Cleaners, Carpet****CARPET CLEANING MACHINERY—See Machin-  
ery, Carpet Cleaning****CARPET FASTENERS—See Fasteners, Carpet and  
Rug****CARPET NAILS—See Nails, Carpet****CARPET NEEDLES—See Needles, Packing & Bag-  
ging****CARPET SCRUBBERS—See Machinery, Carpet  
Cleaning****CARPET STRETCHERS—See Stretchers, Carpet****CARPET SWEEPERS—See Sweepers, Carpet****CARPET SWEEPERS, Toy—See Sweepers, Carpet,  
Toy****CARPET TACKS—See Tacks, Carpet****CARPET WASHERS—See Machinery, Carpet Clean-  
ing****CARRIAGE BOLTS—See Bolts, Carriage****CARRIAGE & WAGON AXLES—See Axles, Car-  
riage, Wagon, Etc.****CARRIAGE and WAGON HARDWARE**

(See also article desired)

American Brass Novelty Co., Grand Haven, Mich.  
American Skein & Fdry. Co., Racine, Wis.  
Blakeslee Forging Co., Plantsville, Conn.  
Bonney Forge & Tool Wks., Allentown, Pa.  
Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
Av., Phila., Pa.  
Clapp (E. D.) Mfg. Co., Auburn, N. Y.  
Cleveland Hdw. & Forging Co., 3250 E. 79th, Clevel-  
and, O.  
Colebrookdale Iron Co., Boyertown, Pa. (Wagon  
Skeins)  
Columbus Bolt Wks. Co., Columbus, O.  
Cowles (C.) & Co., New Haven, Conn.  
Eberhard Mfg. Co. Div. Eastern Malleable Iron Co.,  
2734 Tennyson Rd., S.E., Cleveland, O.  
Franklin Equipment Co., Monticello, Ia.  
Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
Harvey Spring & Forging Co., Racine, Wis.  
Hesse Mfg. Co., Leavenworth, Kan.  
National Malleable & Steel Castings Co., Cleveland,  
O. "McPhail"  
Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
Queen City Forging Co., Cincinnati, O.  
Republic Steel Corp., Upson Nut Div., Cleveland, O.  
"Upson"  
Southern Skein & Foundry Co., Chattanooga, Tenn.  
Wagner Mfg. Co., Cedar Falls, Ia.  
Wilcox (D.) Mfg. Co., Mechanicsburg, Pa.  
Woodruff (Walter W.) & Sons Co., Mt. Carmel,  
Conn.  
CARRIAGE & WAGON WOOD HUBS—See Hubs,  
Carriage & Wagon, Wood  
CARRIAGE CLIPS—See Clips, Axle, Carriage and  
Wagon  
CARRIAGE ELEVATORS—See Elevator, Carriage,  
Automobile, Etc.  
CARRIAGE SHAFTS—See Shafts, Buggy, Carriage  
& Wagon  
CARRIAGE RIMS—See Rims, Carriage & Wagon  
Wheel  
CARRIAGE STUMP JOINTS—See Joints, Stump  
Carriage  
CARRIAGE WASHERS—See Washers, Carriage

**CARRIAGES, Baby**

Bloch Go-Cart Co., Phila., Pa.  
Gendron Wheel Co., Toledo, O.  
Hartsborn, C. H., Gardner, Mass.  
Hedstrom-Union Co., Gardner, Mass.  
Heywood-Wakefield Co., Gardner, Mass.  
Marlin Carriage Corp., New Haven, Conn.  
Perfection Mfg. Co., St. Louis, Mo. (Folding)  
Ramsdell (L. B.) Co., Gardner, Mass.  
Siebert (O. W.) Co., Gardner, Mass.  
Thayer (H. N.) Co., Erie, Pa.  
Whitney (F. A.) Carriage Co., Leominster, Mass.

**CARRIAGES, Doll**

(See also Carts, Go, Doll)

All Metal Products Co., Wyandotte, Mich.  
American-National Co., Toledo, O.  
Bloch Go-Cart Co., Phila., Pa.  
Gendron Wheel Co., Toledo, O.  
Hedstrom-Union Co., Gardner, Mass.  
Heywood-Wakefield Co., Gardner, Mass.  
Junior Toy Corp., Hammond, Ind.  
Lloyd Mfg. Co., Menominee, Mich.  
Mam-A-Car Mfg. Co., Inc., Coudersport, Pa.  
Marlin Carriage Corp., New Haven, Conn.  
Perfection Mfg. Co., St. Louis, Mo. (Folding)  
Siebert (O. W.) Co., Gardner, Mass.  
South Bend Toy Mfg. Co., South Bend, Ind.  
Thayer (H. N.) Co., Erie, Pa.  
Whitney (F. A.) Carriage Co., Leominster, Mass.  
Whitney Reed Corp., Leominster, Mass.

**CARRIAGEMAKERS' CLAMPS—See Clamps, Car-  
riagemakers'****CARRIERS, Animal**

Backus (A.) Jr. & Sons, Detroit, Mich.  
Brauer Bros., Inc., St. Louis, Mo.  
Fibre Case & Novelty Co., 42 E. 20th, New York,  
N. Y.  
Graton & Knight Co., Worcester, Mass.  
Kennedy Mfg. Co., Van Wert, Ohio.  
Lefkowitz (Louis) & Bro., Inc., 25 Water, New  
Brunswick, N. J.  
Warren Leather Goods Co., Worcester, Mass.  
Wilson, Wm. A., 50 Warren, New York, N. Y.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.



# TWIST DRILLS AND REAMERS

BY

**CLEVELAND**



**CLE-FORGE HIGH SPEED DRILLS** TAPER SHANK  
TRADE MARK REG. U. S. PAT. OFF.  
DRILLS LIST NOS. 940—941—942



STRAIGHT SHANK DRILLS SHORT SET  
CARBON STEEL LIST NO. 108  
HIGH SPEED STEEL LIST NO. 917



STRAIGHT SHANK DRILLS WIRE GAUGE  
CARBON STEEL LIST NO. 108-A  
HIGH SPEED STEEL LIST NO. 918



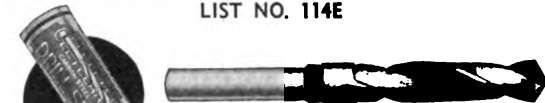
BIT STOCK DRILLS FOR METAL OR WOOD  
LIST NO. 114



WOOD BITS FOR BRACE. LIST NO. 114A



BELL HANGERS' AND ELECTRICIANS' BITS  
LIST NO. 114E



DRILL FOR BLACKSMITH'S DRILL PRESSES  
CARBON STEEL LIST NO. 120  
HIGH SPEED STEEL LIST NO. 936



DISPLAY CARTON HOLDING  
6, 26 OR 57 SETS  
CARBON STEEL LIST NO. 260  
HIGH SPEED STEEL LIST  
NO. 570

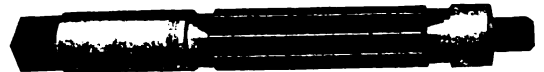


HANDY DRILL SET FOR HOME USE  
CONSISTS OF 8 STRAIGHT SHANK DRILLS  
TRADE MARK REG. U. S. PAT. OFF.  
CARBON STEEL LIST NO. 26  
HIGH SPEED STEEL LIST NO. 57



**Quick-Set** ADJUSTABLE REAMER  
Adjustable Reamer  
TRADE MARK REG. U. S. PAT. OFF.

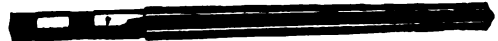
CARBON STEEL LIST NO. 148  
HIGH SPEED STEEL LIST NO. 649



EXPANSION HAND REAMER. LIST NO. 129



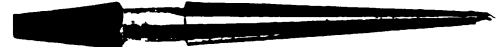
**pirex** MACHINE TAPER PIN REAMER  
CARBON STEEL LIST NO. 140  
HIGH SPEED STEEL LIST  
NO. 650  
TRADE MARK REG. U. S. PAT. OFF.



STRAIGHT FLUTE TAPER PIN REAMER  
CARBON STEEL LIST NO. 137  
HIGH SPEED STEEL LIST NO. 657



BIT STOCK TAPER REAMER. LIST NO. 137-A



REPAIRMAN'S TAPER REAMER. LIST NO. 142



**EZY-OUT** SCREW EXTRACTOR  
TRADE MARK REG. U. S. PAT. OFF.  
LIST NO. 192



STRAIGHT SHANK DRILLS IN METAL  
CASES. WIRE GAUGE OR FRACTIONAL  
SIZES. CARBON STEEL LIST NO. 51-52.  
HIGH SPEED STEEL LIST NO. 58-59



TRADE MARK  
REG. U. S. PAT. OFF.

The **CLEVELAND**

TRADE MARK REG. U. S. PAT. OFF. AND FOREIGN COUNTRIES

30 READE ST. NEW YORK

9 NORTH JEFFERSON ST. CHICAGO

6515 SECOND BLVD. DETROIT

LONDON - E. P. BARRUS, LTD. - 35-36-37 UPPER THAMES ST. E.C.4

**TWIST DRILL  
COMPANY**  
1242 EAST 49<sup>th</sup> STREET  
CLEVELAND



TRADE MARK  
REG. U. S. PAT. OFF.

**CLEVELAND JOBBERS EVERYWHERE ARE READY TO SERVE YOU**

Mention Hardware Age When Writing



### CARRIERS, Battery

Honeycut Battery Corp., Kansas City, Mo.  
Mueller Electric Co., 1583 E. 31st, Cleveland, O.  
"Cook-Eyed"

**CARRIERS, BOTTLE BEVERAGE**—See Coolers, Bottle, Beverage

### CARRIERS, Car Top, Suction Type

Los Angeles Ladder Co., 6230 S. Alameda, Los Angeles, Cal. "Octopus"  
Parten Products Co., 311 Sixth Av., So. Minneapolis, Minn.  
Peerless Chain Co., Winona, Minn. "Top-O-Car"  
Rugg Mfg. Co., Greenfield, Mass. "Strand Mikkel-ski Ski Carrier"  
Vac-O-Grip Co., 428 Islington, Toledo, O. "Vac-O-Grip"  
Weslar Stamping Corp., West Bend, Wis.

### CARRIERS, Egg

(See also Boxes, Eggs)  
Cramery Package Mfg. Co., Chicago, Ill.  
Defiance Box Co., Defiance, O.  
East End Sheet Metal Co., Cleveland, O. (Parcel Post)  
Elba, John G., Rochester, N. Y. "Star"  
Hoelt Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill. (Parcel Post)  
Mitt-Shed Stamping Mfg. Co., Quincy, Ill. "Farmers Friend"  
Owosso Mfg. Co., Owosso, Mich. "Humpty-Dumpty"  
Quincy Egg Carrier Co., Quincy, Ill.  
Self-Locking Carton Co., 589 E. Illinois, Chicago, Ill. "Carry-Safe"  
Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.

### CARRIERS, Feed

Clay Equipment Corp., Cedar Falls, Ia.  
Drew Line Co., Fort Atkinson, Wis.  
Franklin Equipment Co., Monticello, Ia.  
James Mfg. Co., Fort Atkinson, Wis.  
Louden Mch. Co., Fairfield, Ia.  
Menasha Wood Split Pulley Co., Menasha, Wis. "Lawson"  
Milwaukee Hay Tool Co., Milwaukee, Wis. "Leader"  
Mitchell Mfg. Co., Milwaukee, Wis.  
Ney Mfg. Co., Canton, O.  
Rochester Barn Equipment Co., Rochester, N. Y.  
Starline, Inc., Harvard, Ill.  
West Bend Equipment Co., West Bend, Wis.

### CARRIERS, Hay

Advance Car Mover Co., Appleton, Wis. "Eagle," "Miller"  
Farrell (John) & Son, Newton, N. J.  
Goshen Mfg. Co., Goshen, Ind. "Hercules"  
Hanson (S. L.) Mfg. Co., Albert Lea, Minn. "National"  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Dead Lock"  
Hummer Plow Wks., Springfield, Ill. "W. S. & C."  
Louden Mch. Co., Fairfield, Ia. "Duplex," "Iowa," "Jewel," "Round Barn," "Royal," "Victor"  
Milwaukee Hay Tool Co., Milwaukee, Wis. "Boomer Swivel," "Leader"  
Ney (F. E.) & Bro. Co., 902 Church, Ashland, O. "Clover Leaf," "Cross Draft," "Haymaker," "Imperial," "O. K." "Peerless," "Sure Grip," "Sure Lock"  
Ney Mfg. Co., Canton, O.  
Olson Mfg. Co., Albert Lea, Minn.  
Red Jacket Mfg. Co., Davenport, Ia.  
Rochester Barn Equipment Co., Rochester, N. Y.  
Starline, Inc., Harvard, Ill. "Harvester," "Starline"

**CARRIERS, Litter**—See Carriers, Manure or Litter

### CARRIERS, Luggage, Automobile

Adkins, Young & Allen Co., 32 S. Jefferson, Chicago, Ill. "Hemenway"  
Chicago Tool & Kit Mfg. Co., Chicago, Ill. "Out-Of-Side"  
Duluth Tent & Awning Co., Duluth, Minn. "Auto-pack"  
Gold Medal Folding Furniture Co., Racine, Wis.  
Greig Mfg. Co., Fredericktown, O.  
International Mfg. Co., Boston, Mass. "Practo"  
Mole Co., New Haven, Conn. (With Mat Attached)  
Weller-Shuford Co., 1116 S. Grand Blvd., St. Louis, Mo. "Kik-Rak"  
Williams (H. E.) Products Co., Carthage, Mo. "Foldaway"

### CARRIERS, Luggage, Bicycle

Arnold, Schwinn & Co., 1718 N. Kildare Av., Chicago, Ill.  
Barris (D. P.) Howe & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast"  
Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
Pavona-Majestic Mfg. Co., Worcester, Mass.  
Wild Mfg. Co., Inc., Marysville, Ky.

### CARRIERS, Manure or Litter

Clay Equipment Corp., Cedar Falls, Ia.  
Drew Line Co., Fort Atkinson, Wis.  
Franklin Equipment Co., Monticello, Ia.  
Garber Mfg. Co., Horicon, Wis. "Ideal"  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
James Mfg. Co., Fort Atkinson, Wis. "Big Boy," "Mascot"  
Louden Mch. Co., Fairfield, Ia. "Emancipator"

Milwaukee Hay Tool Co., Layton Pk., Milwaukee, Wis. "Leader"  
Mitchell Mfg. Co., Milwaukee, Wis.  
Ney Mfg. Co., Canton, O.  
Olson Mfg. Co., Albert Lea, Minn.  
Starline, Inc., Harvard, Ill.  
West Bend Equipment Co., West Bend, Wis.

### CARRIERS, Milk Bottle

Grand Rapids Wire Products Co., Grand Rapids, Mich.  
Hoffman, Chas. D., 201 Hill, Fair Oaks, Pa.  
Kitchen Aid Mfg. Co., Troy, O.  
Koven (L. O.) & Bro., 154 Ogden Av., Jersey City, N. J.  
Lamson Co., Inc., Syracuse, N. Y.  
Smith (John P.) Co., New Haven, Conn.  
Union Steel Products Co., Albion, Mich.  
United Steel & Wire Co., Battle Creek, Mich.  
Vaughan Novelty & Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
Washburn Company, Worcester, Mass.

**CARRIERS, OVERHEAD**—See Trolleys and Trolley Tracks, Overhead

### CARRIERS, Package, Rubber

Hohwieler Rubber Co., Morrisville, Pa. "Hold-All-Carrier"

**CARRIERS, REFRIGERATORS**—See Trucks, Refrigerator

**CARROM GAMES**—See Games, Carrom

**CARRY-ALL BAGS**—See Bags, Carry-All

### CARS, Children's, Walking, Hand or Foot Power

American-Acme Co., Emigsville, Pa.  
American-National Co., Toledo, O.  
Auto-Wheel Coaster Co., Inc., North Tonawanda, N. Y.  
Beckley-Ralston Co., 42 W. 22nd, Chicago, Ill. "Doodlebug," "Spe-Da-Way"  
Colson Corp., Elyria, O. "Colson"  
Garton Toy Co., Sheboygan, Wis.  
Gendron Wheel Co., Toledo, O. "Pioneer"  
Hedstrom-Union Co., Gardner, Mass. "Kiddie Kar"  
Lullabye Furniture Corp., Stevens Point, Wis.  
Murray-Ohio Mfg. Co., Cleveland, O. "Playboy Speed Car"  
Schmid Bros., Lancaster, Pa. "Humdinger"  
Strobel-Wilken Co., Inc., 33 E. 17th, New York, N. Y.  
Taylor Bros. Mfg. Co., St. Louis, Mo. "Pedal Coaster"  
Taylor (Frank F.) Co., Norwood, Cincinnati, O. "Taylor-Tot"  
Toy Kraft Co., Wooster, O.

**CARS, PEDAL**—See Cars, Children's, Walking, Hand or Foot Power

**CARTON CUTTERS**—See Openers, Carton, Safety

**CARTON OPENERS**—See Openers, Carton, Safety

**CARTONS**—See Boxes, Paper, Folding

**CARTIDGE BAGS**—See Bags, Ammunition

**CARTRIDGE BELTS**—See Belts, Cartridge

**CARTRIDGE BOXES**—See Boxes, Cartridge

**CARTRIDGE CENTER PUNCHES**—See Punches, Center, Cartridge

**CARTRIDGE LOADERS**—See Loaders, Cartridge

**CARTRIDGE LOADING TOOLS**—See Tools, Loading, Cartridge and Shell

**CARTRIDGE PRIMERS**—See Primers, Cartridges & Shells

### CARTRIDGES, Rifle, Pistol, Etc.

Federal Cartridge Corp., Minneapolis, Minn.  
Peters Cartridge Div. Remington Arms Co., Inc., 989 Barnum Av., Bridgeport, Conn. "Belted Bullet," "Dewar Match," "Filinkote," "High Velocity," "Oil-Tite," "Outdoor Tackhole," "Rustless," "Target," "Wimbledon Match"  
Remington Arms Co., Inc., Bridgeport, Conn. "Core-Lokt," "Hi-Skor," "Hi-Speed," "Palma Klean-bore," "Palma Match"  
U. S. Cartridge Co., Div. Winchester Repeating Arms Co., New Haven, Conn. "Copperhead," "Copperhead Speedsters," "N. R. A." "Self-Cleaning," "U. S."  
Western Cartridge Co., Dept. 50, East Alton, Ill. "Kant-Splash," "Lubaloy," "Marksman," "Super-Match," "Super-X," "Expert"  
Winchester Repeating Arms Co., New Haven, Conn. "Leader Stayless," "Precision Exxs," "Stayless," "Super Speed," "Winchester"

### CARTRIDGES, Rifle, Pistol, Empty

Federal Cartridge Corp., Minneapolis, Minn.  
Peters Cartridge Div. Remington Arms Co., Inc., 989 Barnum Av., Bridgeport, Conn.  
Remington Arms Co., Inc., Bridgeport, Conn.  
U. S. Cartridge Co., Div. Winchester Repeating Arms Co., New Haven, Conn.  
Western Cartridge Co., Dept. 50, East Alton, Ill.  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

### CARTS, Barrel

Brown-Manly Plow Co., Malta, O. "Malta"  
Deming Co., Salem, O.  
La Crosse Plow Co., La Crosse, Wis. "Jim Dandy," "Rival"  
Lansing Co., Lansing, Mich.

Musselman Products Co., 6242 St. Clair Av., Cleveland, O. "Doenut"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Puffer-Hubbard Mfg. Co., Minneapolis, Minn. "Duplex," "Eclipse"

### CARTS, Concrete

Case Crane & Kilbourne Jacobs Co., Lincoln & Fourth, Columbus, O.  
Chattanooga Wheelbarrow Co., Chattanooga, Tenn. "Chattanooga"  
Fairbanks Co., 393 Lafayette, New York, N. Y.  
General Wheelbarrow Co., Div. Empire Plow Co., 3140 E. 65th, Cleveland, O. "General"  
Jackson Mfg. Co., Harrisburg, Pa.  
Lansing Co., Lansing, Mich.  
Penn Fdry. & Mfg. Co., Reading, Pa.  
Ransome Concrete Mch. Co., Dunellen, N. J.  
Red Star Products Co., 12910 Taft Av., Cleveland, O. "Red Star"  
Sidney Steel Scraper Co., Sidney, O.  
Sterling Wheelbarrow Co., Milwaukee, Wis.  
Toledo Wheelbarrow Co., Toledo, O. "Bull Frog"

### CARTS, Garden

Budwig Mfg. Co., Burbank, Cal. "Gard-N-Cart"  
Masters Planter Co., 4029-A W. Lake, Chicago, Ill. "Handi-Cart," "Masters"  
Thompson (O. E.) & Sons, Ypsilanti, Mich. "Lawn-ette Roll-Away," "Lawnette Gardener"

### CARTS, Go, Doll

(See also Carriages, Doll)  
American-National Co., Toledo, O.  
Bloch Go-Cart Co., Phila., Pa.  
Hedstrom-Union Co., Gardner, Mass.  
Heywood-Wakefield Co., Gardner, Mass.  
Lloyd Mfg. Co., Menominee, Mich.  
Perfection Mfg. Co., St. Louis, Mo. (Folding)  
Siebert (O. W.) Co., Gardner, Mass.  
Whitney Bros. Co., Marlboro, N. H.  
Whitney (F. A.) Carriage Co., Leominster, Mass.

### CARTS, Play

Cass (N. D.) Co., Athol, Mass.  
Drees (Con F.) Co., Covington, O.  
Durrel Co., Gardner, Mass.  
Gendron Wheel Co., Toledo, O. "Pioneer"  
Gibbs Mfg. Co., Canton, O.  
Gong Bell Mfg. Co., E. Hampton, Conn. "Placart"  
Paris Mfg. Co., S. Paris, Me.  
Steel Stamping Co., Lorian, O.  
Toy Kraft Co., Wooster, O.

### CARTS, Push, Hand

Brown-Manly Plow Co., Malta, O. "Malta"  
Brown Mfg. Co., Zanesville, O.  
Case Crane & Kilbourne Jacobs Co., Columbus, O. "K. & J."  
Chattanooga Wheelbarrow Co., Chattanooga, Tenn. "Chattanooga"  
Fairbanks Co., 393 Lafayette, New York, N. Y.  
Farm Tools, Inc., Mansfield, O. "Butler"  
La Crosse Plow Co., La Crosse, Wis.  
Lansing Co., Lansing, Mich.  
Musselman Products Co., 6242 St. Clair Av., Cleveland, O. "Doenut"  
Puffer-Hubbard Mfg. Co., Minneapolis, Minn.

### CARVERS, Wood, Electric, Homecraft

Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill. "De Luxe Handee," "Handee," "Hi-Power"  
Dremel Mfg. Co., Racine, Wis. "Moto-Tool"  
Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
Excel Auto Radiator Co., 320 E. 21st, Chicago, Ill. "Toolmaster"  
Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"  
Stanley Electric Tool Div., Stanley Works, New Britain, Conn.  
Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"

**CARVING KNIVES**—See Knives, Carving

**CARVING PINS**—See Pins, Carving

**CARVING SETS**—See Sets, Carving

**CARVING TOOLS**—See Tools, Wood Carving

**CASE BOLTS**—See Bolts, Case

**CASE HARDENED NUTS**—See Nuts, Case Hardened

**CASEIN GLUE**—See Glue, Casein

**CASEIN PAINTS**—See Paints, Casein

**CASEMENT WINDOW ADJUSTERS**—See Adjusters, Window, Casement

**CASEMENT WINDOW FASTENERS**—See Fasteners, Window, Casement

### CASEMENT WINDOW HARDWARE

(See also Adjusters, Window Casement)  
American Brass Goods Co., Grand Rapids, Mich.  
American Cabinet Hdw. Corp., Rockford, Ill. "Amerock"  
Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Casement Hardware Co., 404 N. Wood, Chicago, Ill. "Win-Dor"  
Champion Hardware Co., Geneva, O.  
City Plating & Mfg. Co., St. Louis, Mo.  
Corbin, P. & F., New Britain, Conn.



# ARVIN

ELECTRIC FAN-FORCED

## Circulating Heaters

**These Arvin Profit Makers are selling faster every year.** Sales jumped 65% last year. And this year—they'll sell faster than ever with an even more aggressive consumer advertising campaign in these leading national magazines.



- Chilly weather makes hot prospects—so profit from the early demand by ordering from your Arvin jobber now. Ask him for the free sales-building window-counter card and consumer folders.
- Three compact models, beautifully designed and finished. They circulate as they heat. Plug into any AC wall outlet. Safe with children. Efficient and economical.

Approved by Underwriters' Laboratories and Good Housekeeping Institute

**NOBLITT-SPARKS INDUSTRIES, Inc., COLUMBUS, INDIANA**



### DELUXE MODEL 201

Tan and Brown Morocco Finish. Chromium Grille. Toe Switch and Glow Light. Size 11 $\frac{3}{4}$ " high, 10 $\frac{1}{2}$ " by 6 $\frac{1}{2}$ " at base.

**\$8.95**

LIST

### STANDARD MODEL 101

Two-tone Green Enamel Finish. Chrome Grille. Carrying handle recessed in back of case. Size 10" high, 9 $\frac{3}{4}$ " by 6 $\frac{1}{2}$ " at base.

**\$6.95**

LIST

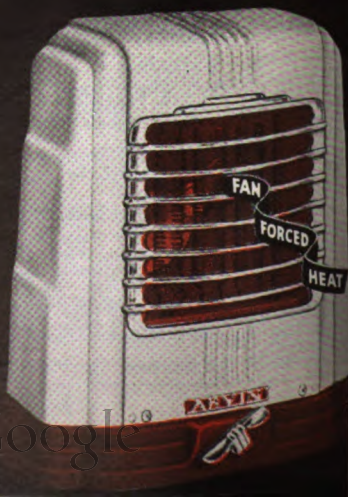
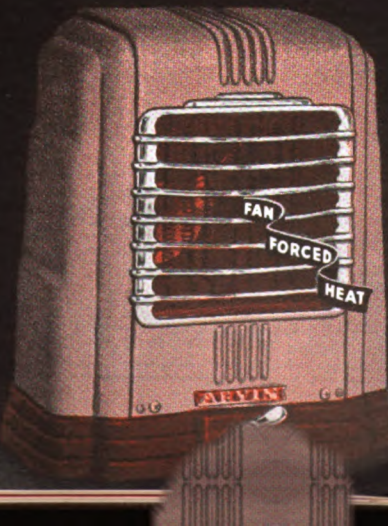
### DELUXE MODEL 201A

Ivory and Maroon Enamel Finish. Chromium Grille. Toe Switch and Glow Light. Size 11 $\frac{3}{4}$ " high, 10 $\frac{1}{2}$ " by 6 $\frac{1}{2}$ " at base.

**\$9.95**

LIST

List Prices 55¢ Higher Denver and West—Also in Extreme South.



### Just What Your Customers Need for:

Bathrooms • Nurseries • Dens • Guest-Rooms • Game-Rooms • Sun-Rooms • Trailers and Camp Cottages • Invalids' Rooms in Homes or Hospitals • Small Offices and Ticket Booths • Hair and Clothes Drying • Bath Houses • Photographers' Drying Rooms.

### Selling Points for You to Use:

Circulates heat by using fan-distributing principle . . . Warms air completely by drawing cold air from floor, heating it and fan-forcing it into the room . . . Safe with children because heating element and fan are enclosed . . . Won't burn rug if accidentally upset . . . Doesn't interfere with radio



**CASEMENT WINDOW HARDWARE**  
(Continued)

Five Equipment Mfg. Co., 64 Reade, New York, N. Y.  
 Frantz Mfg. Co., Sterling, Ill.  
 General Hdw. Mfg. Co., 16 Warren, New York, N. Y.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Grant Pulley & Hdw. Co., 33-36 57th, Woodside, L. I. "Queen"  
 Gullborg (John S.) Mfg. Co., 4318 Ravenswood Av., Chicago, Ill. "Safeguard," "Sterling"  
 Higgins & Page, Inc., Brighton Station, Rochester, N. Y.  
 Hoffman, Andrew, 5034 State, Chicago, Ill. "Grip-lex"  
 Ives (H. B.) Co., New Haven, Conn.  
 Lafayette Metal Products Co., 2416 San Pablo Av., Oakland, Cal.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Midwest Hdw. Co., Chicago, Ill.  
 Monarch Metal Weatherstrip Corp., 6333 Etsel Av., St. Louis, Mo.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Penn Hdw. Co., Reading, Pa.  
 Phenix Mfg. Co., Inc., 2692 N. Humboldt Av., Milwaukee, Wis.  
 Richards-Wilcox Mfg. Co., Aurora, Ill. "Air-Way"  
 Rimmon (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sager Lock Works of Yale & Towne Co., N. Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Stanley Works, New Britain, Conn.  
 Stewart Sales Co., 608 16th, Oakland, Cal. "Stewart"  
 United Specialties Mfg. Co., Ltd., Richmond Hill, N. Y. "Casehold," "Flexostay," "Staylock"  
 Whitney (Vincent) Co., 130 10th, San Francisco, Cal. "Whiteo"  
 Yale & Towne Mfg. Co., Stamford, Conn.

**CASEMENT WINDOW HINGES**—See Hinges, Window, Casement  
**CASEMENT WINDOW STAYS**—See Stays, Window, Casement  
**CASEMENTS**—See under Casings; also under Windows

**CASES, Ammunition**

Brauer Bros., Inc., St. Louis, Mo. "Moore Brand"  
 Kennedy Mfg. Co., Van Wert, O.

**CASES, Bolt and Screw**

Aurora Equipment Co., Aurora, Ill. "Equipto"  
 Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
 Frick & Gallagher Mfg. Co., Wellston, O. "Rotabin"  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.  
 Warren (J. D.) Mfg. Co., Montpelier, O.  
 Wellston Mfg. Co., Wellston, O. "Revolve"

**CASES, Comb, Nail File, Etc.**

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco" (Comb.)  
 National Sheet Metal Co., Peru, Ill.  
 White (W. B.) & Son, Quincy, Mass.

**CASES, Display**

American Fixture & Mfg. Co., 2300 Locust Blvd., St. Louis, Mo.  
 Aurora Equipment Co., Aurora, Ill. "Equipto"  
 Columbia Show Case Co., Columbus, O.  
 Detroit Show Case Co., Detroit, Mich. "Desco," "Smart Salesman"  
 Grand Rapids Store Equipment Co., Grand Rapids, Mich.  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Johns Show Case Co., Boston, Mass.  
 Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.  
 Morton Show Cases, Inc., Washington, C. H., O. "Winner"  
 Schwartz Showell Corp., 842 Goodale Blvd., Columbus, O. "Showell"  
 Weddell Co., Inc., Greenfield, O.  
 Warren (J. D.) Mfg. Co., Montpelier, O. "Economy"  
 Wellston Mfg. Co., Wellston, O. "Revolve"

**CASES, Egg**—See Boxes, Egg

**CASES, Gun**

Brauer Bros., Inc., 817 N. 17th, St. Louis, Mo.  
 Browning Arms Co., 1132 Spruce, St. Louis, Mo.  
 Frantz (Herman H.) Saddlery Co., Denver, Colo.  
 Lawrence (George) Co., Portland, Ore.  
 Nott (W. S.) Co., 201 N. 3rd, Minneapolis, Minn.  
 Red Head Brand Co., Chicago, Ill.  
 Rome Sporting Goods Mfg. Co., Rome, N. Y.  
 Springfield Co., Dallas, Tex.  
 Telford Saddlery Co., Inc., Chattanooga, Tenn.  
 West Hdw. & Mfg. Co., St. Joseph, Mo.

**CASES, Gun, Display**

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.  
 Warren (J. D.) Mfg. Co., Montpelier, O.

**CASES, Gun, Sheepskin**

Berlin Glove Co., Berlin, Wis.  
 Brauer Bros., Inc., 817 N. 17th, St. Louis, Mo.  
 Nott (W. S.) Co., 201 N. 3rd, Minneapolis, Minn.  
 Red Head Brand Co., Chicago, Ill.

**CASES, Key**

Allbright Electric Corp., 119 W. 24th, New York, N. Y. (With Flashlight)  
 American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
 Baltimore Leather Goods Co., Baltimore, Md.  
 Buxton, Inc., Springfield, Mass.  
 Cabot (H. H.) & Co., Phila., Pa.  
 Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
 Gallagher, A. J., Phila., Pa.  
 Hersey Metal Products, Inc., Derby, Conn. "Key-lites" (With Flashlight)  
 Hoffman (H.) Co., 6243 N. Western Av., Chicago, Ill.  
 Independent Lock Co., Fitchburg, Mass. "Ilco"  
 McWilliams-Dennison Co., Inc., 28 E. 22nd, New York, N. Y. "Rubber"  
 Micro-Lite Co., Inc., 45 W. 25th, New York, N. Y. "Micro-Lite" (With Flashlight)  
 No-Tangle Key Case Co., Washington, D. C. "No-Tangle"  
 Southern Saddlery Co., Inc., Chattanooga, Tenn.  
 Ulrich (B.) Co., Milwaukee, Wis.  
 Usona Mfg. Co., Inc., 24 N. 11th, Toledo, O. "Key-Lite" (With Flashlight)

**CASES, Knife**

Graton & Knight Co., Worcester, Mass.  
 Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Rome Sporting Goods Mfg. Co., Rome, N. Y.

**CASES, Racket**—See Covers, Racket

**CASES, Reel**

Alward-Anderson-Southard Co., Chicago, Ill.  
 Brauer Bros., Inc., St. Louis, Mo.  
 Enterprise Mfg. Co., Dept. HA, Akron, O. "Pro-tecto"  
 Shakespeare Co., Kalamazoo, Mich. "Takapart"  
 Stratton & Terstegge Co., Louisville, Ky. "Falls City"  
 Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**CASES, Rifle**—See Cases, Gun

**CASES, Rod**

Brauer Bros., Inc., St. Louis, Mo.  
 Horrocks-Ibbotson Co., Dept. S., Utica, N. Y.  
 Keep Klean Auto Products Co., Inc., 4077 Park Av., New York, N. Y.  
 Kennedy Mfg. Co., Van Wert, O.  
 Penn Metal Ware Co., Wilkes-Barre, Pa. "Old Pal"  
 Shakespeare Co., Kalamazoo, Mich.  
 Stratton & Terstegge Co., Louisville, Ky. "Falls City"  
 Warren Leather Goods Co., Worcester, Mass.  
 Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**CASES, Show**—See Cases, Display  
**CASES, Tool**—See Chests, Tool

**CASES, Vacuum Bottle, Leather**

American Thermos Bottle Co., Norwich, Conn. "Thermos"  
 Brauer Bros., Inc., St. Louis, Mo.  
 Rome Sporting Goods Mfg. Co., Rome, N. Y.  
 Warren Leather Goods Co., Worcester, Mass.  
 Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**CASH BOXES**—See Boxes, Cash**CASH DRAWERS**—See Drawers, Cash, Money, etc.**CASHIERS' CAGES**—See Cages and Wickets, Cashiers**CASHIERS' WICKETS**—See Cages and Wickets, Cashiers**CASING KNIVES**—See Knives, Casing**CASINGS, Door and Window, Metal**

Globe Iron Roofing & Corrugating Co., Inc., Newport, Ky.  
 Milcor Steel Co., Milwaukee, Wis.  
 Truscon Steel Co., Youngstown, O.

**CASSEROLES**

Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)  
 Corning Glass Wks., Corning, N. Y. "Pyrex"  
 Everedy Co., Frederick, Md. "Brown Betty," "Speedy-Clean"  
 Griswold Mfg. Co., Erie, Pa.  
 Hall China Co., East Liverpool, O.  
 Health-Maid, Inc., Cleveland, O.  
 Landers, Frary & Clark, New Britain, Conn. "Universal" (Electric)  
 McKee Glass Co., Jeannette, Pa. "Glasback"  
 Manning, Bowman & Co., Meriden, Conn.  
 Moore Enameling & Mfg. Co., West Lafayette, O.  
 "Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"

**Morton Pottery Co., Morton, Ill.**

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco" (Electric)  
 Rzesakow Co., Chicago, Ill.  
 Steelsmiths, Inc., Meriden, Conn. "Servet"  
 Swartsbaugh Mfg. Co., Toledo, O. "Everhut" (Electric)  
 Universal Potteries, Inc., Cambridge, O. "Oxford"  
 U. S. Stamping Co., Moundville, W. Va.  
 West Bend Aluminum Co., West Bend, Wis.  
**CAST IRON AXES**—See Axes, Cast Iron  
**CAST IRON CEMENT**—See Cement, Cast Iron  
**CAST IRON GAS PLIERS**—See Pliers, Gas, Cast Iron  
**CAST IRON HAMMERS**—See Hammers, Cast Iron  
**CAST IRON HATCHETS**—See Hatchets, Cast Iron  
**CAST IRON HOLLOW WARE**—See Ware, Hollow  
**CAST IRON KETTLES**—See Kettles, Cast Iron  
**CAST IRON PIPE**—See Pipe  
**CAST IRON PIPE CUTTERS**—See Cutters, Pipe, Cast Iron  
**CAST IRON PINNERS**—See Pincers, Cast Iron  
**CAST IRON PULLEYS**—See Pulleys, Iron  
**CAST IRON SLIP JOINT PLIERS**—See Pliers, Slip Joint, Cast Iron  
**CAST IRON TOYS**—See Toys, Cast Iron  
**CAST IRON WASHERS**—See Washers, Iron and Steel  
**CAST STEEL AXES**—See Axes, Single & Double Bit, Cast Steel  
**CAST STEEL HAMMERS**—See Hammers, Ball Pein, Cast Steel; also Hammers, Nail, Cast Steel  
**CAST STEEL HATCHETS**—See Hatchets, Cast Steel  
**CASTELLATED NUTS**—See Nuts, Castellated  
**CASTER CUPS**—See Cups, Caster

**CASTERS, Bed and Furniture**

(See also Slides, Furniture)

Adjustable Caster Co., Phila., Pa. "Adjusta"  
 Bassick Co., Bridgeport, Conn. "Atlasite," "Baco," "Diamond Arrow," "Diamond-Dart," "Diamond Velvet," "Harvard," "Steel Gem," "Swivlo," "Universal Standard," "Wizard Swivel"  
 Bralley's Single Ball Caster Co., 155 Columbus Av., Boston, Mass. "Bralley's"  
 Clark (Geo. P.) Co., Windsor Locks, Conn.  
 Collins (Geo. F.) & Co., Sapulpa, Okla. "Hartford Glasglide"  
 Colson Corp., Elyria, O. "Colson"  
 Darnell Corp., Ltd., Long Beach, Cal. "E-Z-Turn"  
 Domes of Silence, Inc., 35 Pearl, New York, N. Y.  
 Eaton-Pond Co., Inc., Collinsville, Conn.  
 Faultless Caster Corp., Evansville, Ind. "Noelting"  
 Harris & Reed Mfg. Co., 1510 W. 15th, Chicago, Ill.  
 Hight (W. T.) Co., Boston, Mass. "Crystal Glides"  
 Jarvis & Jarvis, Palmer, Mass.  
 Keystone Friction Hinge Co., Williamsport, Pa.  
 Kilian Mfg. Corp., 107 N. Franklin, Syracuse, N. Y.  
 National Lock Co., Rockford, Ill.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Phoenix Caster Co., Inc., Hamilton, O. "Boss," "Martin," "Stengel"  
 Rosen (S.) Mfg. Co., Inc., 616 Plant, Utica, N. Y. "Pussyfoot"  
 Sacks, Inc., 95 Bway, Cambridge, Mass.  
 Saginaw Stamping & Tool Co., Saginaw, Mich.  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy," "Pioneer"  
 Schatz Mfg. Co., Caster Div., Poughkeepsie, N. Y. "Acme"  
 Schriver (O. P.) & Co., Cincinnati, O. "Hercules," "I. X. L.," "Never-Break"  
 Tucker-Dorsey Mfg. Corp., Indianapolis, Ind.  
 Up-To-Date Mach. Wks., Chicago, Ill. "Rollaway"  
 Vervoort, Specialties Corp., Falconer, N. Y. "Invisible"  
 Wagner Specialty Co., Burlington, Wis. "Kleen Rests," "Slidelites"  
 Weidman Mfg. Co., Inc., 168 Centre, New York, N. Y.

**CASTERS, Furniture**—See Casters, Bed and Furniture; also Slides, Furniture

**CASTERS, Garment Rack**

Bassick Co., Bridgeport, Conn.  
 Darnell Corp., Ltd., Long Beach, Cal. "E-Z-Turn"  
 Divine Bros. Co., Utica, N. Y.  
 Faultless Caster Corp., Evansville, Ind. "Noelting"  
 Harris & Reed Mfg. Co., 1510 W. 15th, Chicago, Ill.  
 Moulton Ladder Mfg. Co., Somerville, Mass. "Non-Cloggable"

**CASTERS, Glass**

Collins (Geo. F.) & Co., Sapulpa, Okla. "Hartford Glasglide"  
 Hight (W. T.) Co., Boston, Mass. "Crystal Glides"  
 Onward Mfg. Co., Menasha, Wis.  
 Sneath Glass Co., Hartford, Ind. "Ex-Slyd"  
**CASTERS, Heavy Duty**—See Casters, Stove and Truck  
**CASTERS Sliding**—See Slides, Furniture; also Glides, Furniture

**CASTERS, Stove and Truck**

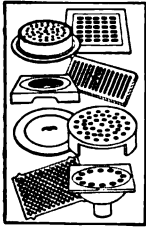
Adams Co., Dubuque, Ia.  
 American Pulley Co., 4200 Wissahickon Av., Phila., Pa.  
 Armstrong Truck Co., North Wales, Pa.  
 Bassick Co., Bridgeport, Conn.



# Majestic

## BUILDING PRODUCTS FOR THE MODERN HOME

### MISCELLANEOUS NECESSITIES



Majestic Steel Basement Sash combines adjustable ventilation, weathertightness and other convenience features with durability.

Majestic manufactures a wide assortment of high-quality castings and other metal building necessities. Such items as Access Doors, Ash Pit Doors, Ash Dumps, Flue Thimbles, Porch Column Bases, Cistern Rings and Covers, Stack Type Clean Out Doors, Ventilating Foundation Grates, Bell Trap Cesspools and Sewer Tile Strainers. For these items call Majestic.



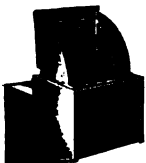
### COAL CHUTES

21 years of leadership makes "Majestic" synonymous with coal chutes—a valuable basement accessory that ends broken windows and ruined sash. A Majestic Chute is also burglar-proof and carefree in service.



A quality chute (at left) offered with solid or glass panels. Glass panels are set in rubber and protected by a steel shield that drops into place automatically when chute is opened. Gravity lock can be operated by convenient pull cord. Heavy steel, covered with asphaltum paint.

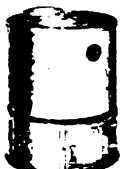
Majestic "Special" Chute (at right) has extra heavy rolled steel frame, electrically welded corners, sturdy hinges, automatic burglar-proof lock and heavy pressed steel door. Finished with asphaltum. A real buy in low-cost chutes.



Majestic Grade Line Chutes (at left) put the exterior opening on the grade line. Built for hard service. Special door flange makes this chute practically watertight. Gravity latches operate with chain and pull cord. Body angle iron re-enforced at edges and corners. Finished in rust resisting asphaltum.

### INCINERATORS

Majestic Incinerators offer the home the modern, healthful, safe and convenient way to dispose of garbage and rubbish. Offered in types to fit any pocketbook. Attaches to ordinary flue. Does not interfere with heating flue. Small, attractive and built to last for years. Fired only when filled. No odors in basement. Only infrequent ash removal necessary. Surprisingly low in cost.



Model No. 30 (at left) requires no fuel other than the combustible rubbish that the average household places in it when filling. Fired only when filled. Burns wet and dry garbage. Costs nothing to operate. 3 bushel capacity. Low cost will astound you!

Gas fired model (at right) for those who prefer this type. Chimney draft dries garbage so requires only a few cents of gas per week. Other models for coal or wood fuel of similar design and rugged construction are also available.



Items shown on this page are but a few of Majestic's extensive line of quality building products fully described and illustrated in the Majestic catalog which will be gladly sent upon request. You'll find it a valuable buying guide because Majestic has been known to builders, dealers and home owners for quality and as reliable manufacturers for more than 35 years.

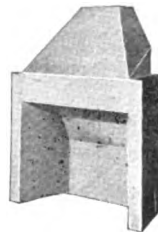
### CIRCULATOR FIREPLACES



Majestic "Master" Circulator (at left) has ingenious "Radiant Blades." Adds 91% more heat-generating surface. Also extra efficiency from enclosed smokedome. Constructed of heavy gauge steel; built in damper; angles at side and other quality features.

The Majestic Circulator works on same efficient principle as modern warm air furnace. Constructed of steel and enclosed in any desired mantel design it sends warm air to all parts of the room—can also be piped to other rooms. Cold air is taken in at bottom, heated, and then passes out at top. Choice of artistic opening grilles offered. A fireplace that will not smoke. Saves time, labor and material. Also saves fuel.

Majestic "Special" Circulator (at right) is a low cost quality unit. Heavily constructed; built in damper; and proportioned throughout for efficient operation. All joints are electrically welded. Offered in widths from 28 to 52 inches.

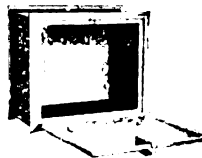


### FIREPLACE ACCESSORIES



Majestic also offers a selection of grilles for inlets and outlets in circulator fireplaces; cranes, fireplace ornaments, and various sizes of grate baskets. Above is Majestic's ingenious controlled-draft basket grate. Door at bottom regulates fire. Ideal for circulators! Regulates heat and saves fuel.

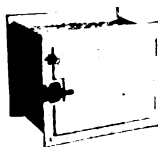
### MILK AND PACKAGE RECEIVERS



Majestic's "Deluxe" Package Receiver is of extra heavy construction and beautifully designed. Interior door, when open, forms convenient shelf. Fully insulated. Automatic lock for outside door.

Package deliveries can be safely made inside the house with Majestic Receiver. No tracking in dirt—no unexpected intrusions—no danger of theft. After delivery is made outside door automatically locks. Full insulation keeps out cold and noise and protects deliveries. Harmonizes with any interior. Attractively priced.

Model "P" (at right) a low cost, fully insulated receiver with easily installed adjustable body. Door opens at side. Automatic outside lock. Attractively finished.



### FIREPLACE DAMPERS

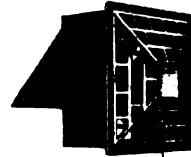
Majestic Dampers assure top efficiency, prevent smoking, control draft, close almost air-tight, simplify construction—and feature Majestic quality throughout. Open damper valve forms deflector shield for down draft. Poker control is standard equipment... face control at slight extra cost. Built-on lintels save time, materials, labor. Heat, smoke, soot and rust can't impair efficiency of damper or controls.



Above is the "quality" damper. Accurately designed, cast construction and with ingenious damper. A "Top" value. The "Special," shown at right, has a cast semi-steel body, steel plate valve and furnished with or without built-on lintel.



### KITCHEN VENTILATING FAN



A low cost efficient ventilating fan. Keeps fumes, odors, smoke and stale air out of kitchen—pulls fresh, clean air in. A modern necessity!

The Majestic Fan has a four bladed, 10 inch fan and a quiet operating, waterproof G. E. motor (A.C. current). Fan and motor can be quickly removed and washed under faucet. Attractive grille is finished in white enamel. Insulated, weatherproof outside door opens or closes automatically when motor is turned on or off by inside pull chain. Square body is adjustable to various wall thicknesses. Easily installed in any wall. A true Majestic value.

### UNDERGROUND GARBAGE RECEIVERS



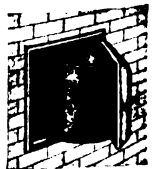
old garbage can. Garbage will not ferment or freeze.

A Majestic underground Garbage Receiver "buries" the garbage problem. It is completely hidden in the ground except for the cover. A tight fitting foot-operated lid prevents odors escaping and eliminates other unsightly, unhealthy features of the

### BUILT-IN TYPE RECEIVER

There's a Majestic model for every budget. The "Quality" unit has a malleable iron top guaranteed against breakage or rust for 10 years. Other parts equally well constructed. Less expensive units offer reliable service and comparable convenience. Sizes from 8 to 25 gal.

Built-in type especially suited for apartments. Can be placed to open inside kitchen or on porch. Heavy enameled steel with cast semi-steel door and frame. Sizes from 3 to 7 gal.



THE MAJESTIC COMPANY

Send For Copy of Complete Catalog

732 ERIE ST.  
HUNTINGTON, IN.

Mention Hardware Age When Writing

Digitized by Google



# YOUR PROFIT MARGINS ASSURED

## GENUINE O-Cedar POLISH

Only Genuine O-CEDAR Polish contains \*NYRONE

\*NYRONE, an agent compounded by O-Cedar Laboratories that affords better cleaning and polishing and makes the lustre last.

Standard  
of the World  
since 1908

Size	Suggested Retail Price	Packed	Shipping Weight	List Price
4 Oz.	\$0.25	1 Doz.	9 1/4 Lbs.	\$3.00 Doz.
12 Oz.	.50	1 Doz.	19 1/4 Lbs.	6.00 Doz.
Quarts	1.25	1 Doz.	26 1/2 Lbs.	15.00 Doz.
1/2 Gals.	2.00	1/2 Doz.	25 Lbs.	24.00 Doz.
Gallons	3.00	1/2 Doz.	48 3/4 Lbs.	36.00 Doz.
5 Gals.	12.25	Drum	40 Lbs.	2.45
30 Gals.	48.00	Drum	235 Lbs.	1.60
55 Gals.	82.50	Drum	420 Lbs.	1.50



## O-Cedar NO RUBBING CREAM POLISH

"Just spread on and wipe dry—That's all the work there is to do"

For Cleaning and Polishing—Painted, varnished, lacquered, shellacked and enameled furniture and woodwork—Porcelain, enameled and all other fixtures in kitchen, bathroom, etc.

"A Furniture  
Polish  
that Needs  
No Rubbing"

Size	Suggested Retail Price	Packed	Shipping Weight	List Price Per Dozen
4 Oz.	\$0.20	1 Doz.	8 Lbs.	\$2.40
16 Oz.	.69	1 Doz.	26 3/4 Lbs.	8.40
Quart	.98	1 Doz.	43 1/2 Lbs.	12.00
1/2 Gal.	1.79	1/2 Doz.	37 Lbs.	21.60
1 Gal.	3.00	1/3 Doz.	46 3/4 Lbs.	36.00

### No. 448 O-CEDAR COMBINATION

Full 1-pint size bottle of O-CEDAR No Rubbing Cream Polish and a Soft Knit Polishing Cloth to retail for only 59c. A regular \$1.00 retail value.

Packed 1 Doz.  
Shipping Weight—  
29 1/4 Lbs.  
List Price—\$7.20 Doz.



## O-Cedar CAR-GLOS

- Cleans
- Polishes

CAR-GLOS is an amazing and revolutionary cleaner and polish for automobiles because it does a thorough job of cleaning and polishing in one easy operation.

Containing no harmful acids, alkali, alcohol or soap, it will not mar, scratch or injure the finish. It can be applied to the entire car and then wiped off without streaking or dulling the finish.

CAR-GLOS does not leave oil deposits to cause smudges or rain spots.

Packed 12 — 1-pint cans to a case.

Shipping Weight—  
17 1/2 lbs.

Retail - 59c PINT

List - \$7.20 Doz.

Packed 15 for 12 for short period. 22 lbs.



## O-Cedar WINDOW CLEANER

Quickly and easily cleans windows, windshields, picture glass, mirrors, spectacles, tile and porcelain—all glass surfaces. Large 8 oz. bottle (full half-pint) costs no more than smaller bottles of some other reliable brands.

Size	Suggested Retail Price	Packed	Shipping Weight	List Price
*8-oz.	\$0.18	1 Doz.	15 Lbs.	\$2.40 Doz.*
16-oz.	.30	1 Doz.	26 Lbs.	3.60 Doz.
Quarts	.55	1 Doz.	41 1/2 Lbs.	6.60 Doz.
1/2 Gals.	.80	1/2 Doz.	41 1/2 Lbs.	9.60 Doz.
Gallons	1.30	1/3 Doz.	49 Lbs.	15.60 Doz.
Sprayers	.10	1 Doz.	1 Lb.	.96 Doz. Net

\*8 oz. packed 15 for 12 for short period. 18 3/4 lbs.

NO WATER  
NO BUCKETS  
NO MUSS  
NO HARD RUBBING  
Just spray and wipe to  
shine glass bright.



## O-Cedar UPHOLSTERY and RUG CLEANER

A Double-Duty, Two-Purpose Cleaner for BOTH Upholstery and Rugs. Cleans Easily—Safely—Beautifully—Home and Auto Upholstery, Mohair, Velour, Woolen Fabrics, Domestic and Oriental Rugs.

2 in 1

Size	Suggested Retail Price	Packed	Shipping Weight	List Price
8 oz.	\$0.20	1 Doz.	14 3/4 Lbs.	\$2.40
Pints	.40	1 Doz.	26 1/4 Lbs.	4.80
Quarts	.70	1 Doz.	45 3/4 Lbs.	8.40
1/2 Gals.	1.05	1/2 Doz.	39 1/4 Lbs.	12.60
Gals.	1.75	1/3 Doz.	50 1/4 Lbs.	21.00
Brushes	.35	1 Doz.	10 Lbs.	4.20
Sponges	.15	1 Doz.	3/4 Lb.	1.80

CONTAINS  
NO  
SOAP  
NEEDS  
NO  
RINSING



O-CEDAR SALES ARE FULL PROFIT SALES

(SEE OTHER SIDE)

Digitized by Google



# YOUR PROFIT MARGIN ASSURED



**RICH  
CARNAUBA  
BASE**

## O-Cedar SELF-POLISHING WAX

The easiest of all ways to have beautiful waxed floors. A new amazing finish for floors of painted, varnished or shellacked wood, linoleum, rubber composition, tile terrazzo and asphalt base floors that produces a beautiful waxed surface without any rubbing or polishing.

Independent laboratory tests proclaim O-Cedar Self-Polishing Wax superior when compared with other brands in:

- Lustre
- Clearness of film
- Evenness of spread
- Resistance to wear
- Non Slip

Size	Suggested Retail Price	Packed	Shipping Weight	List Price
1/2 Pint Cans	\$0.25	1 Doz.	10 lbs.	\$3.00 Doz.
Pint Cans	.50	1 Doz.	17 1/2 lbs.	6.00 Doz.
Quart Cans	.85	1 Doz.	33 1/4 lbs.	10.20 Doz.
1/2 Gal. Cans	1.39	1/2 Doz.	29 1/2 lbs.	16.80 Doz.
1 Gal. Cans	2.59	1/2 Doz.	56 1/4 lbs.	31.20 Doz.
5 Gal. Drums	12.25	1 only	48 lbs.	2.45 Gal.
30 Gal. Drums	63.00	1 only	278 lbs.	2.10 Gal.
55 Gal. Drums	110.00	1 only	499 lbs.	2.00 Gal.



## O-Cedar Self-Polishing Wax Applicators

No. 50 O-CEDAR WAX APPLIERS—List per dozen...\$2.10

Most economical of all applicators as rubber-backed spreading cloth keeps wax from soaking into applicator. Packed complete with handles, 1 dozen to carton. Shipping weight, 8 1/2 lbs. per carton.

No. 53 O-CEDAR WAX APPLIERS—List per dozen...\$2.10

A high quality cotton yarn spreader that is extremely light to handle and is easily washed. Packed complete with handles. 1 dozen to carton. Shipping weight, 7 lbs. per carton.



**RICH  
CARNAUBA  
BASE**

## O-Cedar LIQUID WAX

A WAX POLISH FOR FINE FURNITURE AND FLOORS

O-CEDAR Liquid Wax is most satisfactory for cleaning and polishing furniture, and interior woodwork.

It is amazingly easy to use, spreads evenly and polishes easily with buffing. O-CEDAR Liquid Wax finish is softly lustrous and at the same time so hard and dry that but little dust or dirt collects upon it.

Size	Suggested Retail Price	Packed	Shipping Weight	List Price
6-oz. Bottles	\$0.25	1 Doz.	11 lbs.	\$3.00 Doz.
Pint Bottles	.50	1 Doz.	21 1/2 lbs.	7.20 Doz.
Quart Bottles	.85	1 Doz.	39 1/2 lbs.	10.20 Doz.
Gallon Jugs	2.95	1/3 Doz.	42 lbs.	35.40 Doz.
5 Gal. Drums	12.25	Drum	37 lbs.	2.45 Gal.

## O-Cedar PASTE WAX

is expertly blended with only the very finest quality waxes and other materials. Gives full surface protection and a beautiful, lasting lustre that only O-CEDAR Paste Wax can produce. Ideal for floors, doorways, hallways, table tops and other surfaces that require the best protection and gloss.

Size	Suggested Retail Price	Packed	Shipping Weight	List Price
1/2 lb. Cans	\$0.35	1 Doz.	10 1/4 lbs.	\$4.20 Doz.
1 lb. Cans	.60	1 Doz.	17 lbs.	7.20 Doz.
2 lb. Cans	1.00	1 Doz.	30 1/2 lbs.	12.00 Doz.
4 lb. Cans	1.85	1/2 Doz.	31 lbs.	22.20 Doz.
8 lb. Cans	3.50	1/2 Doz.	58 3/4 lbs.	42.00 Doz.
30 lb. Drum	11.25	Drum	36 1/2 lbs.	.45 lb.



## O-Cedar FLY SPRAY - GRADE AA

The Household insecticide with the Quick-Kill, and Clean, Pleasant Odor. O-Cedar Corp'n certifies this insecticide to conform to all requirements of the standard adopted by the NATIONAL ASSOCIATION OF INSECTICIDE AND DISINFECTANT MANUFACTURERS, INC., and recorded as Commercial Standard CS72-38 by the National Bureau of Standards of the United States Department of Commerce. This standard records the killing power in the following order: 1st Grade AA, 2nd Grade A, 3rd Grade B. O-Cedar is Grade AA.

**GUARANTEED  
100%  
ACTIVE  
KILLING  
INGREDIENTS**

Size	Suggested Retail Price	Packed	Shipping Weight	List Per Dozen
6 oz.	\$0.10	2 doz.	13 lbs.	\$1.35
Pints	.25	1 doz.	14 1/4 lbs.	3.00
Quarts	.45	1 doz.	26 1/4 lbs.	5.40
1/2 Gal. Cans	.85	1/2 doz.	25 lbs.	10.20
Gallons	1.60	1/2 doz.	47 3/4 lbs.	19.20
Glass Bowl Spray Guns	.15	1 doz.	7 lbs.	2.01
No Drip Spray Guns	.35	1 doz.	8 lbs.	4.20



# YOUR PROFIT MARGIN ASSURED

## O-Cedar Triangular Mops

FAMOUS SOLID CENTER WITH SLIP-ON PAD

Slip-on pads are easily removed. **Removable Pad**  
Just slip them off, wash and slip-on again. Pad is sanforized and will not shrink.



For Easy Washing

Solid-Center  
Slip-On Pads  
Guaranteed  
2 sizes—  
\$1.00—\$1.50

Sug'sted Retail Price	Number and Kind	Model	Yarn Spread and Color	Packed	Shp'g. Wt. Including Handles	Kind of Handles	List Price per doz.
1.50	No. 3-Polish	Solid Center	17" Buff	1 Doz. (Cello)	28 Lbs.	48" Yellow	\$18.00
	No. 3-Polish	Solid Center	17" Buff	1 Doz. (Cans)	30 Lbs.	48" Yellow	18.00
	No. 8-Dust	Solid Center	17" Green	1 Doz. (Cello)	26 Lbs.	48" Yellow	18.00
1.00	No. 4-Polish	Solid Center	15" Buff	1 Doz. (Cello)	24 1/4 Lbs.	48" Yellow	12.00
	No. 4-Polish	Solid Center	15" Buff	1 Doz. (Cans)	28 Lbs.	48" Yellow	12.00
	No. 9-Dust	Solid Center	15" Green and Red	1 Doz. (Cello)	23 Lbs.	48" Yellow	12.00

O-CEDAR MOPS and DUSTERS have been the World's Standard of quality for 32 years. All the yarn used in our mops is manufactured in our own Cotton Mills, thereby insuring highest uniform quality.

### SOLID CENTER WITH RIVETED PAD



Solid Center  
Riveted Pads  
1 size—75c

Sug'sted Retail Price	Number and Kind	Model	Yarn Spread and Color	Packed	Shp'g. Wt. Including Handles	Kind of Handles	List Price per doz.
75c	No. 15-Polish	Solid Center	15" Buff	1 Doz. (Cans)	25 3/4 Lbs.	48" Yellow	9.00
	No. 16-Dust	Solid Center	15" Green	1 Doz. (Cello)	21 Lbs.	48" Yellow	9.00
50c	No. 23-Polish	Solid Center	15" Buff	1 Doz. (Cans)	25 1/4 Lbs.	48" Clear	6.00
	No. 24-Dust	Solid Center	15" Green	1 Doz. (Cello)	19 1/4 Lbs.	48" Clear	6.00

Solid Center  
Riveted Pads  
Looped  
End Yarn  
1 size—50c

## O-Cedar TRIANGULAR DUST MOPS

With Patented SHAKE-CLEAN Attachment

Exclusive O-Cedar Design. No stoop-  
ing — No Beating mop head  
against window sills or porch  
rails. Pads are re-  
movable for easy  
washing.

Shake  
out the dust  
right into trash  
can or other re-  
ceptacle.



The Dust Mop  
That  
Shakes Itself  
Clean.



Sug'sted Retail Price	No.	Yarn Spread and Color	Packed	Shp'g. Wt. Including Handle	Kind of Handle	List
\$1.79	88	17" Green	1 Doz.	30 1/2 Lbs.	Yel. Lacq.	\$21.60
1.29	89	15" Green	1 Doz.	24 3/4 Lbs.	Yel. Lacq.	15.60

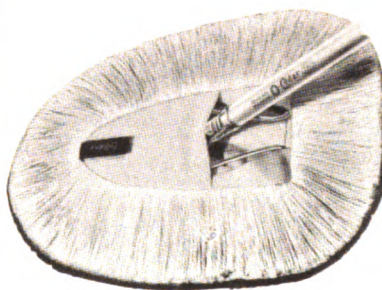
### EXTRA PADS for O-Cedar MOPS

When you sell any O-Cedar "Slip-On" Mop, sell an extra pad and your customer will receive double value for her purchase and always have a clean mop ready for use. Extra pads wrapped in cellophane.

Pads for	List per Doz.	Pads for	List per Doz.
No. 1-Mit-Mops	\$12.60	No. 3—Polish Mops	\$ 9.00
No. 5-Mit-Mops	10.20	No. 4—Polish Mops	7.20
No. 10-Mit-Mops	7.20	No. 7—"2-in-1"	9.00
No. 27-Mit-Mops	10.20	Nos. 8 & 88—Dust Mops	9.00
No. 28-Mit-Mops	10.20	Nos. 9 & 89—Dust Mops	7.20
No. 29-Janitor Mops	30.00	No. 45—Hand Duster	7.20
No. 30-Janitor Mops	24.00	No. 49—Blind Duster	7.20

## O-Cedar MIT MOPS

FOR MANY USES



For easy dusting  
under furniture.

Rounded front  
nose for corners.

Can be used for  
dusting walls and  
behind radiators.

An excellent car  
and furniture duster  
when used on the  
hand.

Use on hand as a  
dusting mit.

Easy to wash.

Will not shrink.

Pads of full quantity, fine quality cotton yarn securely stitched to center of pre-shrunk Sanforized duck.

Sug'sted Retail Price	No.	Yarn Spread and Color	Packed	Shp'g. Wt. Lbs.	List Price per doz.
\$1.50	1	14" x 18" Green	1 Doz.	24 1/2	\$18.00
1.29	5	12" x 17" White	1 Doz.	19	15.60
1.29	27	12" x 17" Brown	1 Doz.	21	15.60
1.00	10	11 1/2" x 15 1/2" White	1 Doz.	16 1/2	12.00
1.00	28	11 1/2" x 15 1/2" Green	1 Doz.	19	12.00

Furnished with 48" Yellow Lacquered Handles

### Extra Handles for O-Cedar Mops and Dusters

For all numbers except 23, 24 and 40, yellow, triple lacquered, nickel ferrule. 48". List per Dozen .....\$3.00  
1 Dozen to Bundle. Shipping weight 7 1/2 lbs.

72 inches. List per Dozen .....\$3.00  
1 Dozen to Bundle. Shipping weight 10 1/2 lbs.

When mops ordered without above handles, deduct \$1.80 per dozen from list price of mop.

For Nos. 23, 24, 40. 48" Clear Lacquer. List .....\$2.40  
1 Dozen to Bundle. Shipping weight 7 3/4 lbs.

When mops ordered without above handles, deduct \$1.08 per dozen from list price of mops



# YOUR PROFIT MARGINS ASSURED

**O-Cedar** WALL OR FLOOR

**Dusters**

ALL MODELS (50c to \$1.50) NOW PACKED IN CELLOPHANE



Reversible — Use either side — All Purpose Dusters — For floors, stairs, baseboards and walls. Fine quality, non-linting yarn that holds dust — does not scatter it. Large cleaning surfaces.

## O-CEDAR TRIANGULAR SLIP-ON SPRING SOCKET DUSTER

Wrapped in Cellophane  
Triangular, Slip-On,  
Removable Pad

Suggested Retail Price	No.	Model	Yarn Spread and Color	Packed	Shp'g Wt. Including Handles	Kind of Handles	List Price Per Dozen
\$1.50	7	Triangular-Slip On Spring Socket	13½"x13½" Green	1 Doz.	25½ lbs.	48" Yellow	\$18.00

## O-Cedar WIRE - TWISTED DUSTERS



Wire-Twisted, Heart-Shaped.



Wire-Twisted, Oval-Shaped.

Sug'sted Retail Price	No.	Model	Yarn Spread and Color	Packed	Shp'g Wt. Including Handles	Kind of Handles	List Price Per Dozen
\$1.50	32	Oval—Wire Twist Spring Socket	20"x11" Green	1 Doz.	27¾ lbs.	48" Yellow	\$18.00
	31	Heart—Wire Twist Spring Socket	15"x15" Green	1 Doz.	24 lbs.	48" Yellow	12.00
1.00	33	Oval—Wire Twist Spring Socket	20"x10½" Green-Red	1 Doz.	23¾ lbs.	48" Yellow	12.00
	34	Oval—Wire Twist Spring Socket	20"x10½" White	1 Doz.	23¾ lbs.	72" Yellow	12.00
.75	41	Oval—Wire Twist Spring Socket	20"x10½" Asstd colors	1 Doz.	23 lbs.	48" Yellow	9.00
.50	40	Heart—Wire Twist Swivel Socket	13½"x13½" Asstd colors	1 Doz.	17½ lbs.	48" Clear	6.00

**O-Cedar**

SWEEP-TYPE

**Dusters**

## 3 SWEEP-TYPE DUSTERS For Cleaning Large Areas

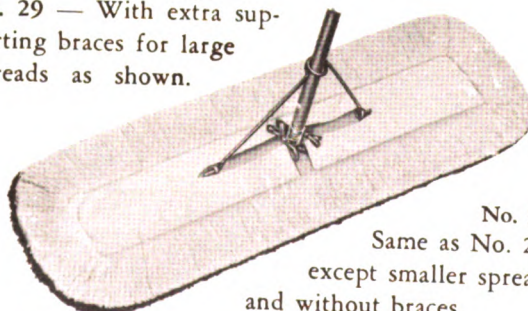
New Yarn. New unbreakable socket.



No. 22

### SPECIAL "Janitor" TYPE

No. 29 — With extra supporting braces for large spreads as shown.



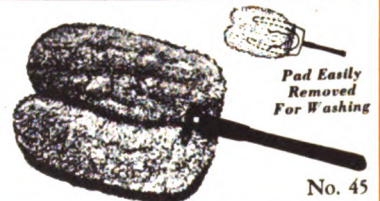
No. 30  
Same as No. 29 except smaller spread and without braces.

Nos. 29 and 30 have removable pads.

Sug'sted Retail Price	No.	Yarn Spread and Color	Packed	Shipping Weight Including Handles	Kind of Handles	List Price Per Doz.
\$2.00	22	22½" Green	½ Doz.	13½ Lbs.	48" Yellow	\$24.00
3.25	29	36" White	½ Doz.	22½ Lbs.	72" Yellow	39.00
2.50	30	24" White	½ Doz.	16¼ Lbs.	72" Yellow	30.00

## O-CEDAR HAND DUSTERS

High-grade cotton yarn. Hold dust, do not scatter it. Light Weight. Highly Efficient. Perfectly Balanced.



Pad Easily Removed For Washing

No. 45

Sug'sted Retail Price	No.	Model-Color	Packed	Ship'g Wt.	List Price Per Doz.
\$1.00	45	Slip-On, White	1 Doz.	9¼ lbs.	\$12.00
.75	42	Wire-Twist, Green	1 Doz.	10¼ lbs.	9.00
.50	43	Wire-Twist, Green	1 Doz.	7 lbs.	6.00

## O-CEDAR VENETIAN BLIND DUSTERS



New!

Different!

No. 49 has removable pad for easy washing.

Long handles make it possible to reach high blinds.

Furnished with yellow lacquered handles.

Sug'sted Retail Price	No.	Model-Color	Packed	Shipping	List Price Per Doz.
98c	49	Slip-On—White	1 Doz.	8½ lbs.	\$12.00
35c	48	Wire-Twist—Red	1 Doz.	6½ lbs.	4.20

## O-CEDAR DUSTING AND POLISHING CLOTHS

Made of high grade, soft cotton cloth, impregnated with O-Cedar Polish, chemically treated to absorb dust and dirt. Easily washed and renewed with O-Cedar Polish.

Dust Cloth  
No. 51—\$0.25 size, List per Doz.  
30x36 inches .....\$3.00  
Packed 1 dozen to carton, 2 lbs.

Polishing Cloth  
No. 66—\$0.25 size .....\$3.00  
Packed 1 dozen to carton, 2½ lbs.



Individually wrapped in Cellophane



**CASTERS, Stove and Truck (Continued)**

Bood Fdry. & Mach. Co., Manheim, Pa.  
Clark (Geo. P.) Co., Windsor Locks, Conn.  
Continental Diamond Fibre Co., E. Newark, Del.  
Durrell Corp., Ltd., Long Beach, Cal. "E-Z Turn"  
Divine Bros. Co., Utica, N. Y.  
Elastic Tip Co., 370 Atlantic Av., Boston, Mass.  
Farbanks Co., 393 Lafayette, New York, N. Y.  
Faulstich Caster Corp., Evansville, Ind.  
Greco (F.) Mfg. Co., Evansville, Ind.  
Hamilton Caster & Mfg. Co., Hamilton, O. "Run  
Rite"  
Harris & Reed Mfg. Co., 1510 W. 15th, Chicago, Ill.  
Jarvis & Jarvis, Palmer, Mass.  
Kestone Forging Co., Northumberland, Pa. "Forge-  
Steel"  
Kilian Mfg. Corp., 107 N. Franklin, Syracuse, N. Y.  
Lansing Co., Lansing, Mich.  
Netting Truck Co., Faribault, Minn.  
Orangeville Mfg. Co., Orangeville, Pa.  
Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
Phoenix Caster Co., Inc., Hamilton, O. "Martin"  
Reading Hdw. Corp., Reading, Pa.  
Saginaw Stamping & Tool Co., Saginaw, Mich.  
Sargent & Co., New Haven, Conn.  
Schriver (O. P.) & Co., Cincinnati, O. "Hercules"  
Service Caster & Truck Co., Albion, Mich.  
Sterling Wheelbarrow Co., Milwaukee, Wis.

**CASTERS, Trunk**

Schats Mfg. Co., Caster Div., Poughkeepsie, N. Y.  
"Acme"

**CASTING LINES—See Lines, Casting**

**CASTING and TROLLING SPOONS and SPINNERS**  
—See Spoons and Spinners, Trolling and Casting

**CASTINGS, Brass, Bronze, Etc.**

Champion Hardware Co., Geneva, O.  
Shaymaker Lock Co., Lancaster, Pa.

**CAT REMEDIES—See Remedies, Dog & Cat**

**CAT REPELLENTS—See Repellents, Dog, Cat and  
Rabbit**

**CATALOG COMPILERS, PRINTERS and  
BINDERS**

Blackwell Wieland Co., St. Louis, Mo.  
Crao Catalog Service Co., 22nd & Canal, Chicago,  
Ill.

Donnelly (R. R.) & Sons Co., 350 E. 22nd, Chi-  
cago, Ill.

North American Press, 728 N. 7th, Milwaukee, Wis.  
The Hoffmann Press, 101 S. 9th, St. Louis, Mo.

**CATALOG BINDERS, LOOSE-LEAF—See Binders,  
Catalog, Loose-Leaf**

**CATCHERS' BODY PROTECTORS—See Protectors,  
Body**

**CATCHERS, Grass, Lawn Mower**

American Lawn Mower Co., Muncie, Ind. "Amer-  
ican"  
Cavay Products Co., St. Louis, Mo. "Nox-All Hold-  
more"

Clemson Bros., Inc., Middletown, N. Y. "Clemson"  
Coper Mfg. Co., Marshalltown, Ia.  
F. & N. Lawn Mower Co., Richmond, Ind. "Peerless  
Self-Filling," "Simplex"  
Reley Lawn Mower Co., Richmond, Ind. "Auto-  
matic," "Champion Self-Filling"  
Perfection Mfg. Co., St. Louis, Mo.  
Specialty Mfg. Co., St. Paul, Minn. "Detachable,"  
"Easy Emptying"

**CATCHERS' LEG GUARDS—See Guards, Leg**

**CATCHERS' MASKS—See Masks, Catchers'**

**CATCHES, Cupboard, Door, Screen Door,  
Etc.**

Allen Mfg. Co., Painesville, O.  
American Brass Goods Co., Grand Rapids, Mich.  
American Cabinet Hardware Corp., Rockford, Ill.  
"Amerock"  
Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Brazard Mfg. Co., East Rochester, N. Y.  
Casement Hardware Co., 404 N. Wood, Chicago, Ill.  
"Win-Dor Snuggler"  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Colonial Bronze Co., Fairmont Av., Torrington,  
Conn.  
Cuban Cabinet Lock Co., New Britain, Conn.  
Cuban, P. & F., New Britain, Conn.  
Cutter Mfg. Co., Chula Vista, Cal.  
Elli Hdw. Co., Fullerton, Pa.  
Elli Mfg. Co., Milldale, Conn.  
Fernald Mfg. Co., North East, Pa.  
Frye Equipment Mfg. Co., 64 Reade, New York,  
N. Y.  
Fort (Peter) Mfg. Co., Somerville, Mass.  
Franklin Tool Co., Buffalo, N. Y.  
Frantz Mfg. Co., Sterling, Ill.  
Frantz (C. L.) & Son, Grand Rapids, Mich.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill.  
Gibbs (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Grand Rapids Brass Co., Grand Rapids, Mich.  
Hawthorn Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Hawthorn (H. B.) Co., New Haven, Conn.

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Refrigerator—See Refrigerator  
Hardware**

**CATCHES, Screen Door—See Catches, Cupboard  
Door, Screen Door, etc.**

**CATCHES—See also Latches**

**CATCHES, Table, Folding**

Cooper Slide, Inc., 79 E. 130th, New York, N. Y.  
"Cooper"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

Keil (Francis) & Son, Inc., 401 E. 163d, New York,  
N. Y.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Lafayette Metal Products Co., 2416 San Pablo Av.,  
Oakland, Cal.  
Lawrence Bros., Sterling, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

McKinney Mfg. Co., Pittsburgh, Pa.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Lock Co., Rockford, Ill.  
National Mfg. Co., Sterling, Ill.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
Penn Hdw. Co., Reading, Pa.  
Reading Hdw. Corp., Reading, Pa.  
Rite Hardware Mfg. Co., 502 Douillard, Los Angeles,  
Cal.

Russell & Erwin Mfg. Co., New Britain, Conn.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co. N  
Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Sharon Hdw. Mfg. Co., Sharon, Pa.  
Shelby Metal Products Co., Shelby, O.  
Shelby Spring Hinge Co., Shelby, O.  
Skillman Hardware Mfg. Co., Trenton, N. J.  
Slaymaker Lock Co., Lancaster, Pa.  
Stanley Wks., New Britain, Conn.  
Superior Door Catch Co., Superior, Wis.  
Swenson (H. A.) Co., Los Angeles, Cal.  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles,  
Cal. "Tegeo" (Glass)  
Wayne Mfg. Co., Detroit, Mich.  
Weber-Knapp Co., Jamestown, N. Y.  
Winsted Hdw. Mfg. Co., Winsted, Conn. "Durable"  
Yale & Towne Mfg. Co., Stamford, Conn.

CATCHES, Door—See Catches, Cupboard Door,  
Screen Door, etc.

**CATCHES, Elbow**

American Brass Goods Co., Grand Rapids, Mich.  
American Cabinet Hardware Corp., Rockford, Ill.  
"Amerock," "Roll Point"  
American Specialty Co., Bridgeport, Conn.  
Barrows Lock Wks. of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Clinton Lock Co., Clinton, Ia.  
Corbin Cabinet Lock Co., New Britain, Conn.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Fernald Mfg. Co., North East, Pa.  
Frost (C. L.) & Son, Grand Rapids, Mich.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Ives (H. B.) Co., New Haven, Conn.  
Keeler Brass Co., Grand Rapids, Mich.  
Keil (Francis) & Son, Inc., 401 E. 163d, New York,  
N. Y.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Lawrence Bros., Sterling, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

National Brass Co., Grand Rapids, Mich. "Dexter"  
National Lock Co., Rockford, Ill.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Peck, Stow & Wilcox Co., Southington, Conn.  
Penn Hdw. Co., Reading, Pa.  
Reading Hdw. Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
"Russwin"

Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sager Lock Wks. of Yale & Towne Mfg. Co., No.  
Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Sharon Hardware Mfg. Co., Sharon, Pa.  
Shelby Metal Products Co., Shelby, O.  
Shelby Spring Hinge Co., Shelby, O.  
Weber-Knapp Co., Jamestown, N. Y.  
Yale & Towne Mfg. Co., Stamford, Conn.

CATCHES, Friction—See Catches, Cupboard Door,  
etc.

**CATCHES, Refrigerator—See Refrigerator  
Hardware**

**CATCHES, Screen Door—See Catches, Cupboard  
Door, Screen Door, etc.**

**CATCHES—See also Latches**

**CATCHES, Table, Folding**

Cooper Slide, Inc., 79 E. 130th, New York, N. Y.  
"Cooper"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
"J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Harvard Lock Co. of New York, Inc., 114 Worth,  
New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163d, New  
York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
wood"

**CATCHES, Transom**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
North Chicago, Ill.





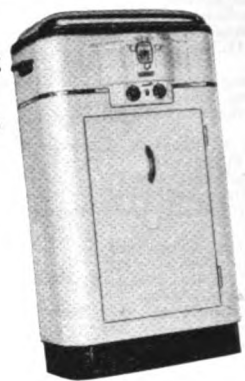
## Simplify Operation...

DECORATED  
WARE



TIN WARE

AUTOMATIC  
ELECTRIC  
ROASTERS



## Increase Profits...

LITHOGRAPHED  
WARE



ENAMELED  
WARE



## Concentrate Purchases and Save



KEROSENE HEATERS



KEROSENE RANGES AND STOVES

GALVANIZED  
WARE



# Buy NESCO!

**NATIONAL ENAMELING AND STAMPING COMPANY**

EXECUTIVE OFFICES: MILWAUKEE, WISCONSIN

FACTORIES AND BRANCHES:

MILWAUKEE  
CHICAGO  
GRANITE CITY, ILL.

NEW YORK  
PHILADELPHIA  
BALTIMORE  
SAN FRANCISCO

**CEMENT, Cast Iron (Continued)**

Jones (Frank) Chemical Wks., Inc., 57 Lexington Av., B'klyn, N. Y.  
 Reckha Mach. Wks. Co., Wichita, Kan.  
 Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 Smooth-On Mfg. Co., 572 Communipaw Av., Jersey City, N. J.  
 Stone & Tar Products Co., 97 S. 6th, B'klyn, N. Y.  
 "Plumbine"  
 Sunshine (John) Chemical Co., Inc., 604 W. Lake, Chicago, Ill. "Mitee"  
 Tilette Cement Co., Inc., 401 Lafayette, New York, N. Y.  
 Tuttle's Tite-On Cement Co., 4525 Ravenswood Av., Chicago, Ill. "Tite-On"

**CEMENT, China, Crockery, Glass, Etc.**

Allen (L. B.) & Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 All-In-One Cement Co., 4633 Page Blvd., St. Louis, Mo.  
 Ambroid Co., 227 Miller Av., Bklyn., N. Y. "Ambroid"  
 American Products Co., 3265 Colerain Av., Cincinnati, O. "Vecco"  
 Bestoseal Co., 1459 B'way, New York, N. Y. "Bestoseal"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Old English"  
 Casco Co. of America, Div. of Borden Co., 350 Madison Av., New York, N. Y. "Casco"  
 Carter Mfg. Co., Arlington Station, Baltimore, Md. "Carter"  
 Carter Ink Co., E. Cambridge, Boston, Mass.  
 Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Crescent"  
 Crowley (H. L.) & Co., West Orange, N. J. "Crowley"  
 D'Arcy Oil, 446 W. 125th, New York, N. Y. "D'Arcy Strong-Hold"  
 Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Duco"  
 Eureka Cement Co., Chicago, Ill. "Eureka"  
 Fin-All Products, Inc., 141 W. 20th, New York, N. Y.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Glyptal"  
 Kay's Chemical Products, 88 Fulton, New York, N. Y. "Mr. Kay's"  
 Le Page's, Inc., Gloucester, Mass. "Le Page's"  
 Macklamb-Duncan Co., Oklahoma City, Okla. "New-Mender"  
 Magnet Cement & Dressing Co., Primos, Pa. "Rock Cement"  
 Major Mfg. Co., 461 Pearl, New York, N. Y.  
 Malz, H. A., 65 5th Av., New York, N. Y. "Secotine"  
 Marietta Mfg. Co., Indianapolis, Ind.  
 Peerless Waterproof Cement Co., 2726 Dodier, St. Louis, Mo.  
 Pettit (R. S.) & Co., 601 N. 63rd, Phila., Pa.  
 Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Pittsburgh"  
 Rainbow Rubber Co., Butler, Pa. "Stik-Kwik"  
 Seed Filter & Mfg. Co., Inc., 348 B'way, New York, N. Y. "Eureka"  
 Soldine Corp., 9224 N. Ewing Av., Niles Center, Ill.  
 So-Lo Wks., Cincinnati, O. "So-Lo's Chinky"  
 Standard Laboratories, 446 W. 26th, New York, N. Y. "John Collins"  
 Stone & Tar Products Co., 97 S. 6th, B'klyn, N. Y. "Plumbine"  
 Technical Products Co., Pittsburgh, Pa. "Sauer-Eisen"  
 Tilette Cement Co., 2305 Charles, Rockford, Ill.  
 Tilette Cement Co., Inc., 401 Lafayette, New York, N. Y.  
 Tip-Top Products Co., 1508 Burt, Omaha, Nebr.  
 Tuttle's Tite-On Cement Co., 4525 Ravenswood Av., Chicago, Ill. "Tite-On"  
 Van Cleef Bros., Woodlawn Av., to 78th, Chicago, Ill. "Dutch Brand"  
 Van Stan (Victor F.) Co., 1912 W. Oxford, Phila., Pa. "Mar-Mora"  
 Witman Supply Co., Lincoln, Neb. "Sure Seal"

**CEMENT COATED NAILS—See Nails, Cement Coated**  
**CEMENT DRILLS—See Drills, Brick, Stone, Cement**  
**CEMENT EDGERS—See Tools, Cement & Concrete**  
**CEMENT FLOOR PRIMERS—See Primers, Cement**

**CEMENT, Frisket**  
 Rogers Linglass & Glue Co., Gloucester, Mass.

**CEMENT, Furnace and Stove**  
 Asbestos Covering & Flooring Co., Chicago, Ill.  
 Putty Products Co., 340 N. Ashland Av., Chicago, Ill. "Master"  
 All-In-One Cement Co., 4633 Page Blvd., St. Louis, Mo.

Atlas Asbestos Co., North Wales, Pa.  
 Beacon Co., 89 Bickford, Boston, Mass.  
 Boston Metallic Paint Co., Clinton, N. Y.  
 Borden's (W. H.) Paint Mfg. Co., Troy, N. Y. "Crown"  
 Borden's (Wm.) Paint Mfg. Co., Troy, N. Y. "Amer-

Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Fireline Stove & Furnace Lining Co., 1859-HD Kingsbury, Chicago, Ill. "Fireline", "Ironset"  
 Foster (Benjamin) Co., 20th & Erie Av., Phila., Pa. "I. B. M."  
 Forster Paint & Mfg. Co., Winona, Minn.  
 Gravert (Wm. J.) Inc., 246 Jackson Av., Long Island City, N. Y. "Volcano"  
 Grimes (Norman V.) Co., Boonton, N. J. "Grimco"  
 Johns-Manville Corp., 22 E. 40th, New York, N. Y.  
 Laclede-Christy Clay Products Co., 411 N. 7th, St. Louis, Mo. "Laclede"  
 Martin & Martin, Chicago, Ill. "E-Z"  
 McNamara Paint Products Co., Inc., 3103 Beaubien, Detroit, Mich.  
 Mighty Mender Co., Kittanning, Pa.  
 Norristown Asbestos Mfg. Co., 19 Lewis Wharf, Boston, Mass. "Mecco"  
 Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa. "Red Devil"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Plastic Products Co., 6475 Georgia Av., Detroit, Mich. "Plastoid" (Furnace)  
 Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 Sall Mountain Co., 176 W. Adams, Chicago, Ill. "Sal-Mo"  
 Technical Products Co., East Liberty, Pittsburgh, Pa. "Sauer-Eisen"  
 United Gilsonite Laboratories, Scranton, Pa. "U-G-L"

**CEMENT, Furniture**

Major Mfg. Co., 461 Pearl, New York, N. Y.  
 Malz, H. A., 65 5th Av., New York, N. Y. "Secotine"  
 Peerless Waterproof Cement Co., 2726 Dodier, St. Louis, Mo.

**CEMENT, Gasket**

Automotive Laboratories Co., Cleveland, O. "Oil-Seal"  
 Boyer Chemical Laboratory Co., Chicago, Ill.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 Earl Products Co., Indianapolis, Ind. "Eppo"  
 Livingston Co., New Haven, Conn. "L. C. U."  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Permatex Co., Sheepshead Bay, N. Y.  
 St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X"  
 Stay-Tite Products Co., Dept. H, 3107 Detroit Av., Cleveland, O. "Stay-Tite"  
 Steelcoke Mfg. Co., St. Louis, Mo.  
 Van Cleef Bros., Woodlawn Av., to 78th, Chicago, Ill. "Dutch Brand", "Gaskatex"  
 Whitlam (J. C.) Mfg. Co., Wadsworth, O.

**CEMENT GROOVERS—See Tools, Cement & Concrete**

**CEMENT, High Temperature**

Laclede-Christy Clay Products Co., 411 N. 7th, St. Louis, Mo. "Setakold"

**CEMENT LINED PIPE—See Pipe, Cement Lined**

**CEMENT, Linoleum**

All-In-One Cement Co., 4623 Page Blvd., St. Louis, Mo.  
 Beacon Co., 89 Bickford, Boston, Mass. "Lino"  
 Casein Co. of America, Div. of Borden Co., 350 Madison Av., New York, N. Y.  
 Gibara Mfg. Co., St. Louis, Mo.  
 Congleum-Nairn Inc., Kearny, N. J.  
 Consumers Glue Co., 3320 S. Bway., St. Louis, Mo. "Lin-O-Stick"  
 Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass. "Ferdico", "620-X"  
 International Products Corp., Trenton, N. J. Stick-tite"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Peerless Waterproof Cement Co., 2726 Dodier, St. Louis, Mo.  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Palsifer, Kingston Co., Boston, Mass. "Linogrip"  
 St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X"  
 Sisk (R. J.) Co., New London, Conn. "Lin-O-Seal"  
 Soldine Corp., 9224 N. Ewing Av., Niles Center, Ill.  
 Stay-Tite Products Co., Dept. H, 3107 Detroit Av., Cleveland, O. "XXX"

**CEMENT, Marine**

Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass. "Ferdico-Jeffery's"  
 Stay-Tite Products Co., Dept. H, 3107 Detroit Av., Cleveland, O. "Stay-Tite"

**CEMENT, Mastic**

Calbar Paint & Varnish Co., 2612 N. Martha, Phila., Pa.  
 Pecora Paint Co., Lawrence & Venango, Phila., Pa.  
 Plastic Products Co., 6475 Georgia Av., Detroit, Mich. "Plastoid"  
**CEMENT MIXERS—See Mixers, Concrete**

**CEMENT, Model Airplane**

Ambroid Co., 2792 Atlantic Av., B'klyn, N. Y.  
 Casein Co. of America, Div. of Borden Co., 350 Madison Av., New York, N. Y. "Casco"  
 Testor Cement Co., 2305 Charles, Rockford, Ill. "Testor's"

**CEMENT PAISLS—See Paisls, Cement**

**CEMENT PAINTS—See Paints, Cement**

**CEMENT, Patching**

Ambassador Specialties, Inc., 6440 De Buel Av., Detroit, Mich. "Tebson"  
 Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 Skat Co., Hartford, Conn. "Cement Mix"

**CEMENT, PIPE JOINT—See Compounds, Pipe Joint**

**CEMENT, Porcelain**

All-in-One Cement Co., 4633 Page Blvd., St. Louis, Mo.  
 D'Arcy Oil, 446 W. 125th, New York, N. Y. "D'Arcy Strong-Hold"  
 Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Duco"  
 Everbest Products Co., 1673 McDonald Av., B'klyn, N. Y. "La Porso Glaze"  
 Malz, H. A., 65 5th Av., New York, N. Y. "Secotine"  
 Mighty Mender Co., Kittanning, Pa.  
 Technical Products Co., Pittsburgh, Pa. "Sauer-Eisen"  
 Tilette Cement Co., Inc., 401 Lafayette, New York, N. Y.  
 Tuttle's Tite-On Cement Co., 4525 Ravenswood Av., Chicago, Ill. "Tite-On"  
 X-Pando Corp., 43-15 36th, Long Island City, N. Y. "X-Pandotite"

**CEMENT, Rim**

Van Cleef Bros., Woodlawn Av., to 78th, Chicago, Ill. "Dutch Brand", "New'r Creep"

**CEMENT, Rod, Fishing**

Enterprise Mfg. Co., Dept. HA, Akron, O. "Forkeeps"  
 Heddon's (Jas.) Sons, Dowagiac, Mich.  
 South Bend Bait Co., South Bend, Ind.

**CEMENT, Roofing**

Alcatraz Co., Richmond, Va.  
 American Tar Products Co., Pittsburgh, Pa.  
 Armstrong Co., Detroit, Mich.  
 Atlas Asbestos Co., North Wales, Pa.  
 Barber Asphalt Corp., Barber, N. J.  
 Barrett Co., 40 Rector, New York, N. Y. "Elastigum"  
 "Flexigum", "P. B.", "S. I. S."  
 Bestoseal Co., 1451 B'way, New York, N. Y. "Bestoseal"  
 Bird & Son, Inc., East Walpole, Mass. "Neponset"  
 Carey (PhilHp) Co. (Lockland), Cincinnati, O. "Noahs Pitch", "Stop-A-Leke Sticks"  
 Carter Paint Co., Liberty, Ind. "Liberty"  
 Cassetty Oil & Grease Co., Nashville, Tenn.  
 Certain-teed Products Corp., 100 E. 42d, New York, N. Y.  
 Chemical Supply Co., 2450 Canal Rd., Cleveland, O.  
 Clinton Metallic Paint Co., Clinton, N. Y.  
 Coal Tar Products Co., 570 Smith, B'klyn, N. Y. "Stag"  
 Colebrook's (W. H.) Sons, Syracuse, N. Y.  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y.  
 Continental Products Co., Euclid, O.  
 Day (Britton T. & S. P.) Co., Cleveland, O. "Stik-tite"  
 DeMert & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
 Elliott Varnish Co., Chicago, Ill.  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foster (Benjamin) Co., 20th & Erie Av., Phila., Pa. "Black Cat", "I. B. M."  
 Flintkote Co., 50 W. 50th, New York, N. Y.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
 Gibson-Homans Co., Cleveland, O.  
 Glidden Co., Cleveland, O. "Weathercote"  
 Herbert Chemical Co., St. Bernard, Cincinnati, O.  
 Hetson-Somers Co., Inc., 211 Norman Av., Bklyn., N. Y. "Permakote"  
 Johns-Manville Corp., 22 E. 40th, New York, N. Y.  
 Kluwer Mfg. Co., Dubuque, Ia.  
 Lehon Co., Chicago, Ill.  
 McNamara Paint Products Co., Inc., 3103 Beaubien, Detroit, Mich.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill. "Leak-kon-trol"  
 Milcor Steel Co., Milwaukee, Wis.  
 Norristown Asbestos Mfg. Co., 29 Lewis Wharf, Boston, Mass. "Mecco"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa.  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pioneer Mfg. Co., Cleveland, O. "No-Tar-Kote"  
 "Permo-Seal"  
 Prestite Engineering Co., 3900 Chouteau Av., St. Louis, Mo.  
 Republic Paint & Varnish Co., 14th & Kilbourn Av., Chicago, Ill.  
 Robeson Preserve Co., Port Huron, Mich. "Robescote"  
 Rubberoid Co., 500 Fifth Av., New York, N. Y. "Ruberine"

That **EXTRA** something  
that makes a winner...



National Screen Products  
have the **PLUS VALUE**  
that makes a  
**PLUS SALES SCORE!**

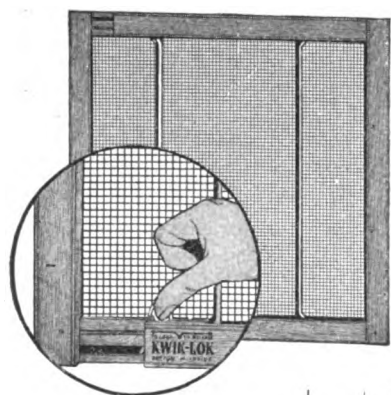
# National

## SCREEN DOORS WINDOW SCREENS WINDOW VENTILATORS

are

## winners

BECAUSE they offer *extra value* through *extra features*, *extra workmanship*, and *extra quality* ... at **NO EXTRA COST**. Such extra features reveal themselves to your customers at once and turn sales resistance into **EXTRA SALES!**

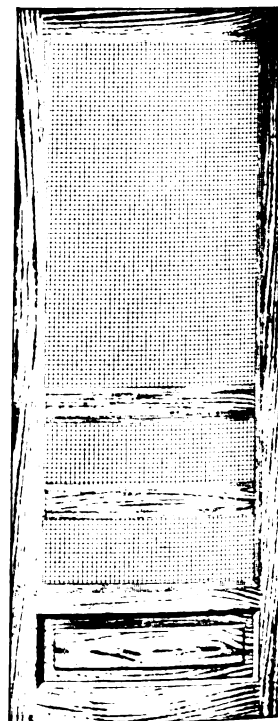
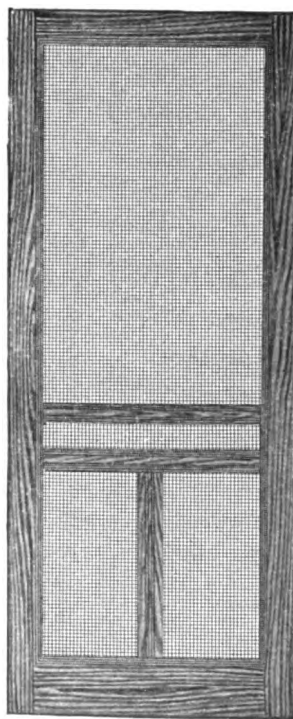


### NATIONAL Window Screens

The screens with the  
"Golden Centers" (angled  
steel center bars). Fly-proof!  
They have the famous  
"Kwik-Lok" device, too!

Popular  
"Air-Lite"  
Glass Ventilator.

We also offer  
"The ANTEEK"  
Screen-Ventilator.



"Vent-Air"  
Ventilator—  
Wood Frame,  
Metal Center.



ASK YOUR JOBBER about the complete line  
of National Screen Products. Send for Catalog.

New York Office: 200 Fifth Ave. ★ Southern Selling Agents: Peterson & Lowe, 22 Light St., Baltimore, Md.

# NATIONAL SCREEN COMPANY

SUFFOLK INCORPORATED VIRGINIA

Mention Hardware Age When Writing

Digitized by Google



**CEMENT, Roofing (Continued)**

Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 Sherwin-Williams Co., Cleveland, O.  
 Standard Asphalt Products Co., Inc., 822 Main,  
 Louisville, Ky.  
 Standard Chemical Works, Inc., Reading, Pa.  
 "Doublewear"  
 Steelcase Mfg. Co., St. Louis, Mo.  
 Stone & Tar Products Co., 97 S. 6th, B'klyn, N. Y.  
 Stewagon Mfg. Co., 19th & Wash. Av., Phila., Pa.  
 "Stelco"  
 Tremco Mfg. Co., 3932 E. 181st, Cleveland, O.  
 "Tremco"  
 United Gilsontite Laboratories, Scranton, Pa. "Lasti-  
 kote"  
 United States Refining Co., 1271 W. 11th, Cleveland,  
 O.  
 Weaver-Wall Co., 3700 Brookpark Rd., Cleveland, O.  
 "Peerless"  
 Webster (W. F.) Cement Co., Cambridge, Mass.  
 Wilhelm (A.) Co., Reading, Pa.

**CEMENT, Rubber**

American Products Co., 3265 Colerain Av., Cincin-  
 nati, O. "Vecco"  
 Auburn Rubber Corp., Auburn, Ind. "Fix Fast"  
 Crescent Products Co., 315 N. 14th, Terre Haute,  
 Ind. "Neetstik"  
 Diamond Rubber Co., Inc., Akron, O.  
 Durkee-Atwood Co., Minneapolis, Minn. "Rie Nie"  
 Earl Products Co., Indianapolis, Ind. "Earico"  
 Essex Rubber Co., Trenton, N. J.  
 Fix-All Products, Inc., 141 W. 20th, New York,  
 N. Y.  
 General Utilities Co., 140 W. 42nd, New York, N. Y.  
 "Borel"  
 Goodrich (B. F.) Co., Akron, O. "Plastikon"  
 Goodyear Tire & Rubber Co., Akron, O.  
 Hadley Bros. & Uhl Co., St. Louis, Mo.  
 Hofstad Rubber Co., Atlanta, Ga.  
 La-Stik Mfg. Co., Hamilton, O.  
 Mac Tire & Rubber Co., Conshohocken, Pa.  
 Major Mfg. Co., 461 Pearl, New York, N. Y.  
 Manhattan Rubber Mfg. Div. Raybestos-Manhattan,  
 Inc., Willette, Passaic, N. J.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Miller Rubber Products Co., Inc., Akron, O.  
 Okonite Co., Passaic, N. J.  
 Pennsylvania Rubber Co. of America, Inc., Jean-  
 nette, Pa.  
 Rainbow Rubber Co., Butler, Pa. "Stik-Kwick"  
 St. Louis Rubber Cement Co., Inc., St. Louis, Mo.  
 "Red X" "3 in 1"  
 Seacht Rubber Mfg. Co., Huntington, Ind. "Blue  
 Ribbon"  
 So-Lo Wks., Cincinnati, O. "So-Lo's Blue Bond"  
 Stay-Tite Products Co., Dept. H., 3107 Detroit Av.,  
 Cleveland, O. "Stay-Tite"  
 Tip-Top Products Co., Omaha, Nebr. "Tip-Top"  
 United States Rubber Co., 1230 6th Av., New York,  
 N. Y.  
 Van Cleef Bros., Woodlawn Av., to 78th, Chicago  
 Ill. "Dutch Brand"

**CEMENT, Spud**

Sunshine (John) Chemical Co., 604 W. Lake, Chi-  
 cago, Ill. "John Sunshine"  
 Tietze Cement Co., Inc., 401 Lafayette, New York,  
 N. Y.

**CEMENT STAINS—See Stains, Brick, Cement, etc.**

**CEMENT, Stove—See Cement, Furnace and Stove**

**CEMENT TAMPERS—See Tampers**

**CEMENT, Tile**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av.,  
 Chicago, Ill. "Allen"  
 Boyle (A. S.) Co., Div. American Home Products  
 Corp., 257 Cornelison Av., Jersey City, N. J.  
 Crowley (H. L.) & Co., West Orange, N. J.  
 "Crolite"  
 Ever-Plastics Corp., 420 Lexington Av., New York,  
 N. Y. "Tilion"  
 Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass.  
 "Perdico" "620-T"  
 International Products Corp., Trenton, N. J. "Rub-  
 berwelt"  
 Jones (Frank) Chemical Wks., Inc., 57 Lexington  
 Ave., B'klyn, N. Y. "Tile-C-Ment"  
 Mair, E. A., 65 5th Av., New York, N. Y. "Sec-  
 uritine"  
 Sheffield Bronze Powder & Stencil Co., 12405 Euclid  
 Av., Cleveland, O.  
 Tammy Silica Co., 228 No LaSalle, Chicago, Ill.  
 Technical Products Co., Pittsburgh, Pa. "Sauer-  
 Eisen"  
 Tietze Cement Co., Inc., 401 Lafayette, New York,  
 N. Y.  
 X-Pando Corp., 43-15 36th, Long Island City, N. Y.  
 "X-Pandolite"

**CEMENT and CONCRETE TOOLS—See Tools, Ce-  
 ment and Concrete**

**CEMENT TROWELS—See Tools, Cement and Con-  
 crete**

**CEMENT WORKERS' TOOLS—See Tools, Cement  
 and Concrete**

**CEMENT WORKERS' FLOATS—See Floats, Plas-  
 tic and Cement Workers'**

**CEMETERY FENCES AND GATES—See Fences  
 and Gates, Lawn, Etc.**

**CEMETERY FLOWER VASES—See Vases, Flower,  
 Cemetery**

**CENTER BITS—See Bits, Center**

**CENTER DRILLS—See Drills, Center**

**CENTER GAGES—See Gages, Center**

**CENTER PUNCHES—See Punches, Center**

**CENTER REAMERS—See Reamers, Center**

**CENTER SQUARES—See Squares, Center**

**CENTERS, Sash**

Barrows Lock Works of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Corbin, P. & F., New Britain, Conn.  
 Grant Pulley & Hdw. Co., 33-36 57th, Woodside,  
 L. I. "Grant"  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn,  
 N. Y.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 Michigan Engine Valve Co., 437 W. Columbia, De-  
 troit, Mich. "Howarth"  
 Monarch Mfg. Co., Detroit, Mich.  
 National Aluminum Co., Inc., Racine, Wis.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New  
 York, N. Y.  
 Payson Mfg. Co., Chicago, Ill.  
 Penn Hdw. Co., Reading, Pa.  
 Rending Hdw. Corp., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sager Lock Works of Yale & Towne Mfg. Co., North  
 Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Susquehanna Casting Co., Wrightsville, Pa.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**CENTRIFUGAL PUMPS—See Pumps, Centrifugal**

**CHAIN, Anchor**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn. "Acco"  
 Baldt Anchor Chain & Forge Co., Chester, Pa.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carr Chain Wks., Inc., Troy, N. Y.  
 Carroll Chain Co., 265 Hosack, Columbus, O. "Car-  
 roll"  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Stud"  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way,  
 New York, N. Y.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.

**CHAIN ATTACHMENT SOCKETS—See Sockets,  
 Chain Attachment**

**CHAIN, Bead Metal**

Bead Chain Mfg. Co., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Scovill Mfg. Co., Plumbers' Brass Goods Div., Water-  
 ville, Conn.  
**CHAIN BLOCKS—See Blocks or Hoists, Chain; also  
 Blocks, Chain, Differential**

**CHAIN BOLTS—See Bolts, Chain**

**CHAIN, Brass or Bronze**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Eastern Chain Works, 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co.,  
 Torrington, Conn.

**CHAIN, Cable**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way,  
 New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co.,  
 Torrington, Conn. "Star"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Western Chain Products Co., Chicago, Ill. "Wesco"  
 Wilcox-Crittenden & Co., Inc., 77 S. Main, Mid-  
 dletown, Conn.

**CHAIN, Coil**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 "Brown" "Triumph"  
 Carr Chain Wks., Inc., Troy, N. Y.  
 Carroll Chain Co., 265 Hosack, Columbus, O. "Car-  
 roll Made"  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Buck-  
 eye" "Liberty" "Lock Weaver"  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 "Bulldog" "Hodell" "Samson"  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 Johnson-Farmer Chain Co., Lebanon, Pa.  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Mundorf Chain Wks., York, Pa.

**CHAIN, Cast**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way,  
 New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co.,  
 Torrington, Conn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"

**CHAIN, Chain**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way,  
 New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co.,  
 Torrington, Conn. "Star"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"

**CHAIN, Chain**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way,  
 New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co.,  
 Torrington, Conn. "Star"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"

**CHAIN, Chain**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way,  
 New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co.,  
 Torrington, Conn. "Star"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"

**CHAIN, Chain**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way,  
 New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co.,  
 Torrington, Conn. "Star"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"

**CHAIN, Chain**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way,  
 New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co.,  
 Torrington, Conn. "Star"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"

Newhall Chain, Forge & Iron Co., 48 W. B'way,  
 New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Round (David) & Son, Cleveland, O.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"

**CHAIN CUTTERS—See Cutters, Chain**

**CHAIN DISPLAY RACKS AND ASSORTMENTS  
 —See Rack and Assortments, Chain Display**

**CHAIN DRILLS—See Drills, Chain**

**CHAIN FASTENERS, Door—See Fasteners, Door,  
 Safety**

**CHAIN FIRE LADDERS—See Ladders, Fire, Chain**

**CHAIN HOISTS—See Blocks or Hoists, Chain**

**CHAIN HOOKS—See Hooks, Chain**

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

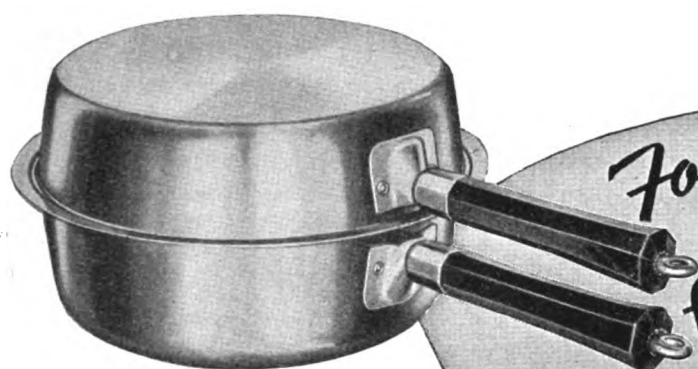
American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Eastern Chain Wks., 309 E. 22nd, New York, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 "Russell Line"

**CHAIN, Jack**

American Chain Div. American Chain & Cable Co.,  
 Inc



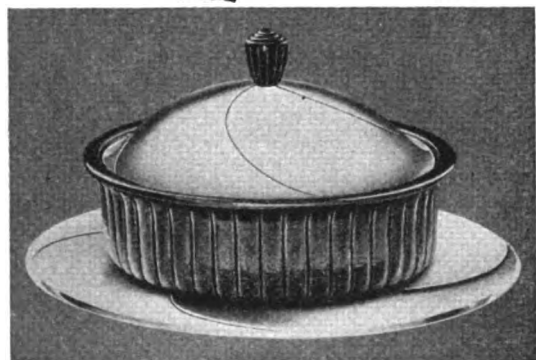
Follow the traffic  
down **EVEREDY'S**  
five paths to profit!



ROUTE NO.1  
\$ JUST AHEAD

### *Speedy-Clean* CHROME COOK WARE

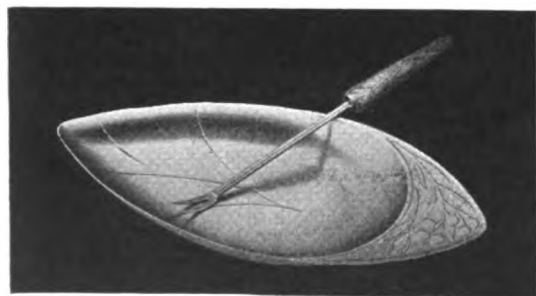
These sparkling eye-catchers are the original, famous line that has put "oomph" into the kitchen! Every Speedy-Clean item has been *proven* as a top-notch sales stimulator and a stand-out value. Why? Because they're made of sturdy steel, heavily plated with bright, polished chrome—they never need scouring . . . wash like glass or china—AND every Speedy-Clean utensil is well within the popular-price, fast-sale brackets!



ROUTE NO.2  
\$ JUST AHEAD

### *Brown Betty* CASSEROLES

An immensely successful combination of the old-fashioned genuine, oven-proof earthenware that grandma used and the flashing, gleaming chrome universally preferred by modern home-makers. They're full family size . . . not toys . . . and they're priced *right*!

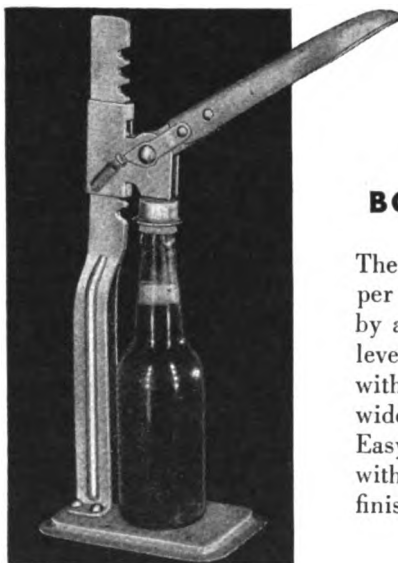


ROUTE NO.3  
\$ JUST AHEAD

### EVERCRAFT

### Gift Creations in Chrome

Your big chance to break into the easy-profit, popular-price gift field is yours for less than a ten dollar bill! Whether you order a selected assortment or individual pieces for your initial try-out, you'll get a comfortable profit!



ROUTE NO.4  
\$ JUST AHEAD

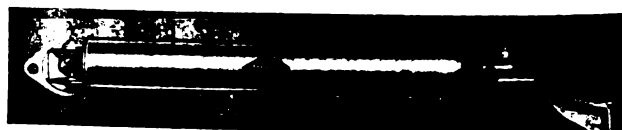
### CLIMAX BOTTLE CAPPERS

The fastest selling bottle capper in the world . . . proven by actual records! Big, easy leverage handle, equipped with return-spring. Flat, wide base prevents spills. Easy to use, sturdily made, with rust-resistant nickel finish.

ROUTE NO.5  
\$ JUST AHEAD

### EVEREDY DOOR HARDWARE

Slam-enders with the famous, patented "Double-Joint" that makes installation easy on doors opening either to right or left! Also along this route, screen door grilles and screen door braces with the "Clawed End Grip."



**TAKE ANY ROUTE . . . OR  
GO IN FOR NEW PROFITS IN  
A BIG WAY WITH A FIVE-  
ROUTE GRAND TOUR!**

Road information will be sent  
you free without obligation!

Mention Hardware Age When Writing

**CHAINS, Butt**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Elwel-tra"  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Electra"  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Hodell"  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Midland Co., South Milwaukee, Wis.  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"

**CHAINS, Dog Lead**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
 Bead Chain Mfg. Co., Bridgeport, Conn.  
 Brewer Bros., Inc., St. Louis, Mo.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Brown," "Triumph"  
 Carr Chain Wks., Inc., Troy, N. Y.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Buckeye"  
 Covert Mfg. Co., Troy, N. Y. "Yankee"  
 Ferree (E. H.) Co., Lockport, N. Y.  
 Fritz Bros., Meriden, Conn.  
 Graton & Knight Co., Worcester, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Bulldog," "Hodell," "Samson"  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Ney Mfg. Co., Canton, O.  
 Peerless Chain Co., Winona, Minn.  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Washburn Company, Worcester, Mass.  
 Wilson, Wm. A., 50 Warren, New York, N. Y.  
 Woodhouse Chain Wks., Trenton, N. J.

**CHAINS, Dredge**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Ajax," "H B"  
 Bradley & Co., Phila., Pa.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carr Chain Wks., Inc., Troy, N. Y.  
 Carroll Chain Co., 265 Hosack, Columbus, O. "Carroll Solid Weld"  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Emery," "Sterling"  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Hodell"  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Western Chain Products Co., Chicago, Ill. "Wesco"

**CHAINS, Furnace**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bead Chain Mfg. Co., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Hodell"  
 Peerless Chain Co., Winona, Minn.  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Smith & Erge Div. of Turner & Seymour Mfg. Co., Torrington, Conn.

**CHAINS, Halter**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Elwel"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Brown," "Triumph"  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Electra"  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Covert Mfg. Co., Troy, N. Y.  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Bulldog," "Hodell," "Samson"  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Midland Co., South Milwaukee, Wis.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way, New York, N. Y.  
 Ney Mfg. Co., Canton, O.  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"  
 Woodhouse Chain Wks., Trenton, N. J.

**CHAINS, Hame**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.

Cleveland Chain Mfg. Co., Cleveland, O.  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 Kelsay, Newton, & Sons, Evansville, Ind.  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Woodhouse Chain Co., Trenton, N. J.

**CHAINS, Hammock and Porch Swing**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Tensio"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Buckeye"  
 Covert Mfg. Co., Troy, N. Y.  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 Ney Mfg. Co., Canton, O.  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Woodhouse Chain Co., Trenton, N. J.

**CHAINS, Harness**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Elwel"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Midland Co., South Milwaukee, Wis.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way, New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"  
 Woodhouse Chain Co., Trenton, N. J.

**CHAINS, Heel**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Elwel"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Electra"  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 Imperial Bit & Snap Co., Racine, Wis.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Midland Co., South Milwaukee, Wis.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Scharrow Iron Products Co., Racine, Wis. "Sipco"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"

**CHAINS, Key**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bead Chain Mfg. Co., Bridgeport, Conn.  
 Boye Needle Co., Chicago, Ill.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Hendryx"  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Cushman & Denison Mfg. Co., 133 W. 23rd, New York, N. Y.  
 Ferree (E. H.) Co., Lockport, N. Y.  
 Gibson Good Tools, Inc., Orange, Mass. "Handy Andy"  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Bulldog," "Hodell," "Jack"  
 Hoffman (H.) Co., 6243 N. Western Av., Chicago, Ill.  
 Independent Lock Co., Fitchburg, Mass. "Heco"  
 Le Roco, Inc., 236 W. 55th, New York, N. Y. (Miniature License Tag)  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Sommer (J. L.) Mfg. Co., 261 N. J. Railroad Av., Newark, N. J.  
 Ulrich (B.) Co., Milwaukee, Wis. "Duplex"  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Flexo"  
 Wallace Bros., Wallingford, Conn. "W. B. W."  
 Williamson (C.T.) Wire Novelty Co., 52 Badger Av., Newark, N. J.

**CHAINS, Ladder**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Hendryx"  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Parker Metal Goods Co., Worcester, Mass.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Smith & Erge, Div. of Turner & Seymour Mfg. Co., Torrington, Conn. "Star"  
 Steele & Johnson Mfg. Co., Waterbury, Conn.  
 Woodhouse Chain Co., Trenton, N. J.

**CHAINS, Log**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carr Chain Wks., Inc., Troy, N. Y.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Electra," "Tri-Weld"  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 Johnson-Farmer Chain Co., Lebanon, Pa.  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Mundorf Chain Wks., York, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way, New York, N. Y.  
 Nicholson & Co., Rankin, Pa.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Round (David) & Son, Cleveland, O.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"  
 White Hill Chain Wks., Fieldboro, N. J.  
 Woodhouse Chain Co., Trenton, N. J.

**CHAINS, Navy**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Smith & Erge Div. of Turner & Seymour Mfg. Co., Torrington, Conn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"

**CHAINS, Porch Swing—See Chains, Hammock and Porch Swing****CHAINS, Pot and Pan, Cleaner**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.

**CHAINS, Pulley, Round Cord**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Acco"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3224 Cooper Av., Cleveland, O.  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"

**CHAINS, Pump**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn. (Galvanized)  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"

**CHAINS, Railroad**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 Johnson-Farmer Chain Co., Lebanon, Pa.  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"

**CHAINS, Register**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bead Chain Mfg. Co., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Peerless Chain Co., Winona, Minn.  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Smith & Erge Div. of Turner & Seymour Mfg. Co., Torrington, Conn.

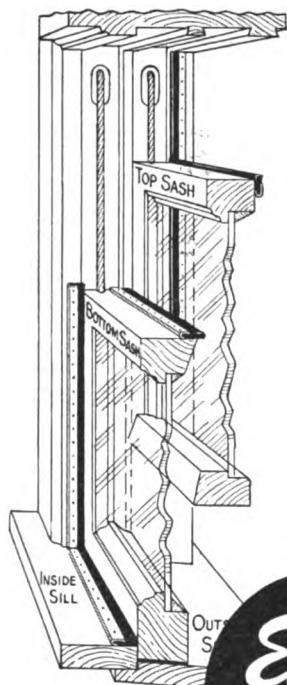
**CHAINS, Repair Links**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O. (Drop Forged)  
 Flower City Specialty Co., Rochester, N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Western Chain Products Co., Chicago, Ill. "Wesco"

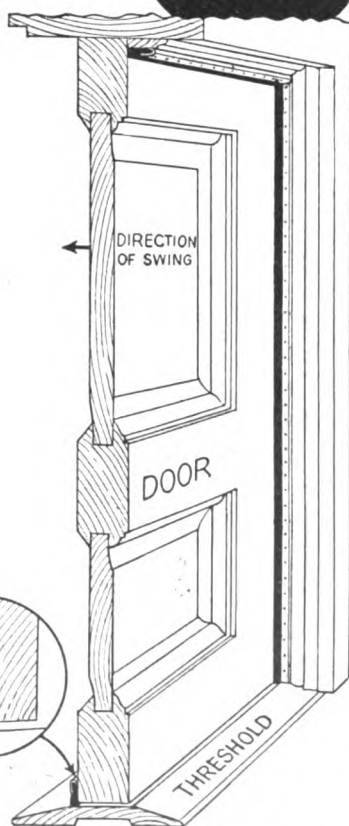


# A NEW WEATHERSTRIP

## FOR NEW SALES AND PROFITS!

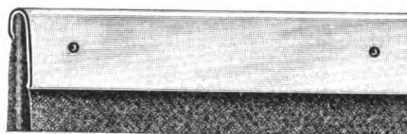


*Easy*  
TO APPLY



# PLY-E-Z

Bronze and Rubber Shod Felt Strip for Household Use



Full size cuts showing both sides PLY-E-Z Weather Strip

Here's the sensational new strip that has made a national hit overnight. Provides all the desirable features of bronze construction at a price millions can afford to pay.

### Anyone Can Apply PLY-E-Z

Simply cut Strip to size required for sides and bottom of lower sash. Apply to window stop and sill, with Felt resting snug against the sash. Next, cut meeting rail Strip and nail to top of lower sash so Felt will cover opening between the two sashes. Weather Strip upper sash of window from outside. Apply Strip to blind stop with Felt resting against the sash.

### Counter Display Stand With 20-Foot Cartons

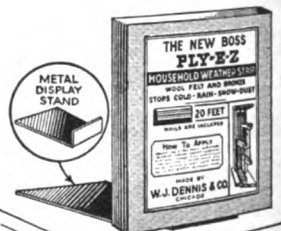
Ply-E-Z Bronze and Black Rubber Shod Felt, packed in 20 foot carton with brass plated escutcheon pins. 1 dozen cartons in shipping container with counter display stand. Weight 10½ pounds.

### 100-Foot Coils

Ply-E-Z Bronze and Black Rubber Shod Felt, packed 100 feet in carton with brass plated escutcheon pins. Five 100-foot cartons in shipping container. Weight 20 pounds, 5 ounces.

Write today for Free Samples of PLY-E-Z and Your Copy of New 1940 Catalog containing most complete line of Weatherstrip items ever offered.

*Easy*  
TO DISPLAY



*Easy*  
TO SELL



**W. J. DENNIS & COMPANY** 2110-20 WEST LAKE STREET, CHICAGO, ILL.

Mention Hardware Age When Writing

Digitized by Google

## CHAINS, Safety

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bead Chain Mfg. Co., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Hart & Cooley Mfg. Co., Chicago, Ill. "H & C."  
 "Federal"  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Scovill Mfg. Co., Plumbers' Bns. Goods Div., Waterville, Conn. "Duplex"  
 Smith & Egge Div. of Turner & Seymour Mfg. Co., Torrington, Conn. "Star"  
 Steele & Johnson Mfg. Co., Waterbury, Conn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"

## CHAINS, Sash

(See also Cord, Sash)

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Bridgeport," "Monarch"  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Corbin Screw Corp., New Britain, Conn.  
 Ecco Chain Wks., 309 E. 22nd, New York, N. Y. "Unxild"  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 Jenckes (E.) Mfg. Co., Worcester, Mass. "Universal"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Peerless Chain Co., Winona, Minn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Smith & Egge Div. of Turner & Seymour Mfg. Co., Torrington, Conn. "Giant Metal," "Red Metal," "S. & E."

## CHAINS, Sprocket

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Badger Malleable & Mfg. Co., South Milwaukee, Wis. "Badgerbelt"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Chain Belt Co., Milwaukee, Wis.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Lock Weave"  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Diamond Chain & Mfg. Co., Indianapolis, Ind.  
 Duckworth Chain & Mfg. Co., Springfield, Mass.  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Samson"  
 Link-Belt Co., 2410 W. 18th, Chicago, Ill.  
 Locke Steel Chain Co., Bridgeport, Conn.  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Morse Chain Co., Ithaca, N. Y.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way, New York, N. Y.  
 Nicholson & Co., Rankin, Pa.  
 Peerless Chain Co., Winona, Minn.  
 Peoria Malleable Casting Co., Peoria, Ill. "Peoria"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Round (D.) & Son, Cleveland, O.  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Smith & Egge Div. of Turner & Seymour Mfg. Co., Torrington, Conn.  
 Stephens-Adams Mfg. Co., Aurora, Ill. "S-A"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 White Hill Chain Wks., Fieldsboro, N. J.  
 Whitney Mfg. Co., Hartford, Conn.

## CHAINS, Surveyor

Keuffel & Esser Co., 300 Adams, Hoboken, N. J. "K & E"

## CHAINS SWIVELS—See Swivels, Chains

## CHAINS, Tie-Out

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Brown," "Triumph"  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Buckeye"  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa. "Victor"  
 Ney Mfg. Co., Canton, O.  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"

## CHAINS, Tire—See Chains or Grips, Tire, Non-Skid

## CHAINS, Tire Lock

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Weed"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 Lord Lock Co., Almont, Mich.

International Chain & Mfg. Co., York, Pa. "Campbell"  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"

## CHAINS or GRIPS, Tire, Non-Skid

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Weed"  
 Arrip Chain Co., Inc., Glens Falls, N. Y.  
 Bear Mfg. Co., Rock Island, Ill. "Q-D"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Butler Chain Co., Inc., Butler, Pa. "Dubi-Bilt."  
 "Minute Grabs"  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Round."  
 "Wearwell"  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 "Claw," "Dreadnaught," "Super Dreadnaught"  
 Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 "Hodell Bar-Reinforced," "Hodell Regular"  
 Hold Fast Chain Co., Cedar Falls, Ia. "Hold Fast"  
 International Chain & Mfg. Co., York, Pa. "Campbell," "Lug-Reinforced"  
 Leader Skid Chain Co., St. Louis, Mo.  
 Lion Chain Co., Chicago, Ill. "Cub"  
 McKay Company, McKay Bldg., Pittsburgh, Pa. "Multi-Grip"  
 Newhall Chain Forge & Iron Co., 48 W. B'way, New York, N. Y.  
 Peerless Chain Co., Winona, Minn.  
 Protex Chain Co., Inc., Waynesboro, Pa.  
 St. Pierre Chain Corp., Worcester, Mass. "Royal."  
 "Star," "Super-Grip"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"  
 Will-Burt Co., Orrville, O. "Easyroll"  
 Woodhouse Chain Co., Trenton, N. J.  
 Woodworth Specialties Co., Binghamton, N. Y. "Easyon"

## CHAINS or HOOKS, Mud Extricating

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Emergency"  
 Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 "Hodell Bar-Reinforced," "Hodell Regular"  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Lion Chain Co., Chicago, Ill. "Cub"  
 Western Chain Products Co., Chicago, Ill. "Wesco"  
 Woodworth Specialties Co., Binghamton, N. Y. "Easyon"

## CHAINS, Tow—See Ropes, Chains and Bars, Tow

## CHAINS, Trace

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "El-Wel-Tra"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Electra"  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 "Lucky Mule"  
 Imperial Bit & Snap Co., Racine, Wis.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa. "U. S."  
 Midland Co., South Milwaukee, Wis.  
 Mundorf Chain Wks., York, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way, New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Round (David) & Son, Cleveland, O.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"  
 Woodhouse Chain Wks., Trenton, N. J.

## CHAINS, Transom

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Barrows Lock Wks., of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Brown," "Monarch," "Triumph"  
 Champion Hdw. Mfg. Co., Geneva, O.  
 Chantrell Hdw. & Tool Co., Reading, Pa.  
 Corbin, F. & F., New Britain, Conn.  
 Getty (H. S.) & Co., Inc., 3848 No. 10th, Phila., Pa.  
 Ives (H. B.) Co., New Haven, Conn.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Norwalk Lock Co., 12 Warren, New York, N. Y.  
 Payson Mfg. Co., Chicago, Ill.  
 Peerless Chain Co., Winona, Minn.  
 Penn Hdw. Co., Reading, Pa.  
 Reading Hdw. Corp., Reading, Pa.  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sager Lock Wks., of Yale & Towne Mfg. Co., No. Chicago, Ill.  
 Sargent & Co., New Haven, Conn.

Smith & Egge Div. of Turner & Seymour Mfg. Co., Torrington, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Yale & Towne Mfg. Co., Stamford, Conn.

## CHAINS, Welded

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Carroll Chain Co., 265 Hosack, Columbus, O. "Strolite"  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Hodell"  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Peerless Chain Co., Winona, Minn.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"

## CHAINS, Weldless

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., 964 Crescent Av., Bridgeport, Conn. "Brown," "Triumph"  
 Carroll Chain Co., 265 Hosack, Columbus, O. "Carroll Made"  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Buckeye," "Lock-Weave"  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa. "Victor"  
 Ney Mfg. Co., Canton, O. "Brown Pattern"  
 Peerless Chain Co., Winona, Minn.  
 Russell (J. M.) Mfg. Co., Inc., Naugatuck, Conn. "Russell Line"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Western Chain Products Co., Chicago, Ill. "Wesco"

## CHAINS, Well

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Brown," "Triumph"  
 Carroll Chain Co., 265 Hosack, Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Bulldog," "Cleveland"  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Peerless Chain Co., Winona, Minn.  
 Western Chain Products Co., Chicago, Ill. "Wesco"  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"

## CHAIR BACKS—See Backs, Chair

## CHAIR BRACES—See Braces, Chair & Bed

## CHAIR CUSHIONS—See Cushions, Chair

## CHAIR RODS—See Rods, Stove & Chair

## CHAIR SEATS—See Seats, Chair

## CHAIR TIPS—See Tips, Chair

## CHAIRS, Folding

(See also Stools, Camp)

American-Acme Co., Emigsville, Pa.  
 American Fork & Hoe Co., Cleveland, O. "Bridgeman," "Canoe," "Clubman," "Sno-Shu," "True Temper"  
 Brewer-Titchener Corp., Cortland, N. Y. "Hostess"  
 Carrom Co., Ludington, Mich.  
 Clarin Mfg. Co., 4640 W. Harrison, Chicago, Ill. "Clarin"  
 Crawford Furniture Mfg. Co., Inc., Shreveport, La.  
 Dillingham Mfg. Co., Sheboygan, Wis.  
 Fel-Lan Novelty Co., 9 W. Third, New York, N. Y.  
 Fritz (A.) & Co., 92 Greene, New York, N. Y.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 Garton Toy Co., Sheboygan, Wis.  
 Gem Mfg. Corp., Bascom, O.  
 Gold Medal Folding Furniture Co., Racine, Wis.  
 "Badger," "Racine"  
 Hampden Specialty Products, Inc., East Hampton, Mass.  
 Harrison (B. J.) Mfg. Co., Inc., Arkville, N. Y. "Compact," "Perfecto," "Superior"  
 Hettrick Mfg. Co., 1401 Summit, Toledo, O.  
 Heywood-Wakefield Co., Gardner, Mass.  
 Hinchey Mfg. Co., Washington, Ind.  
 Holden (A. S.) Inc., Cleveland, O.  
 Imperial Bit & Snap Co., Racine, Wis.  
 International Mfg. Co., Boston, Mass. "Practo"  
 Kalamazoo Sled Co., Kalamazoo, Mich. "Superior Quality"  
 Krischer Trading Corp., 210 Taaffe Pl., B'klyn, N. Y. "Tuckaway"  
 Kokomo Specialty Co., Kokomo, Ind. "Foldflat"  
 Lack Mfg. Co., Paducah, Ky. "Kumfy"  
 Lorraine Metal Mfg. Co., Inc., Bridgeport, Conn. "Leg-O-Matic"  
 Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill. (Steel)  
 McGraw Machine Co., Lincoln, Neb. "Lincoln"  
 Mahoney Chair Co., Gardner, Mass.  
 Market Forge Co., Everett, Mass.  
 Michigan Wire Goods Co., Niles, Mich. "Popular," "Realax"  
 Nappanee Lumber & Mfg. Co., Nappanee, Ind.  
 National Wood Products Co., Milwaukee, Wis.  
 Norcor Mfg. Co., Green Bay, Wis. (Steel)  
 Paris Mfg. Co., South Paris, Me.

# UNIVERSAL

*First in Quality Since 1842*

*First in Style for 1941*

Attractive new patterns embracing UNIVERSAL'S famed quality set a new pace in tableware designing and sparkle of tomorrow. Carrying the oldest trade mark on quality housewares, UNIVERSAL Products are recognized in homes everywhere as representing the finest that money can buy.

Hardware Dealers for nearly a century have concentrated on products that bear our name.

**LANDERS, FRARY & CLARK**  
NEW BRITAIN, CONN.



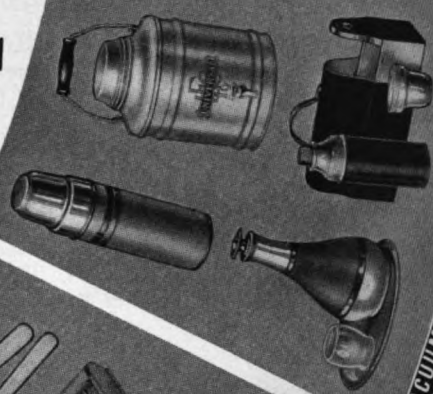
**ELECTRIC WASHERS AND IRONERS**



**NON-ELECTRIC HOUSEWARES**



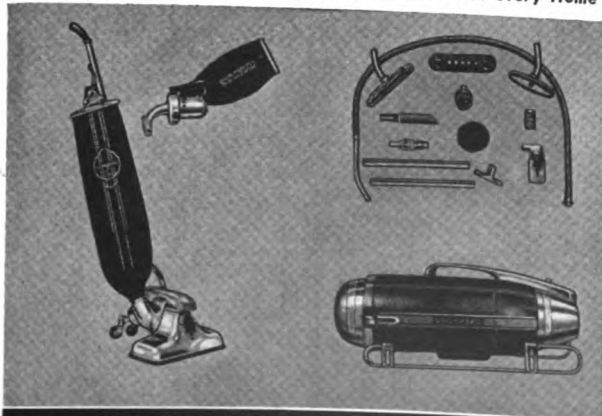
**CUTLERY**



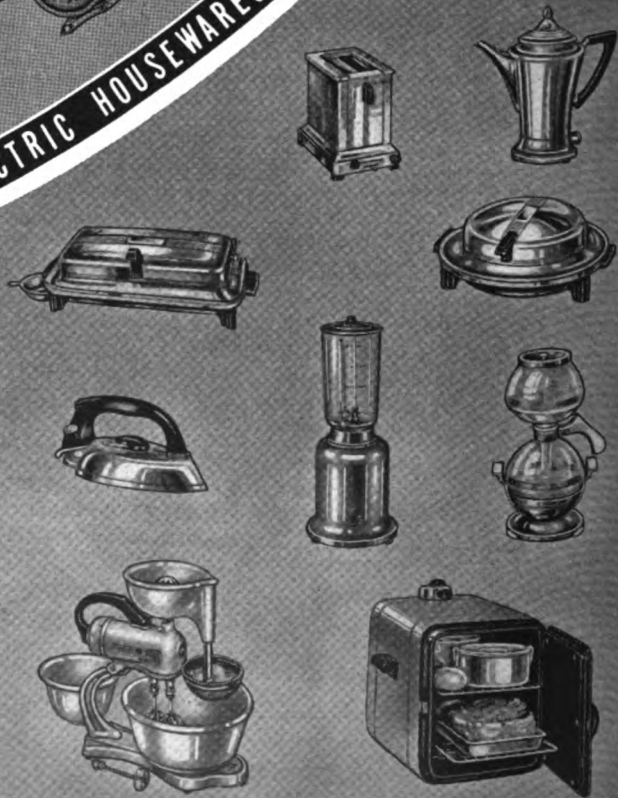
**VACUUM GOODS**

**UNIVERSAL**

*The Trade Mark Known in every Home*



**VACUUM CLEANERS**



**SMALL ELECTRIC APPLIANCES**

Mention Hardware Age When Writing

Digitized by Google



## CHAIRS, Folding (Continued)

Pratt Corp., Coldwater, Mich.  
Ruehle Tent & Awning Co., Inc., Pueblo, Colo.  
Rastetter (Louis) & Sons, Fort Wayne, Ind. "Solid  
Kumfort"  
Steel Basket Co., Cedar Rapids, Ia.  
Stewart Iron Works Company, Inc., 408 Stewart  
Block, Cincinnati, O.  
Stoll Mfg. Co., Denver, Colo.  
Telescope Folding Furniture Co., Granville, N. Y.  
Tucker Duck & Rubber Co., Fort Smith, Ark.  
"Peerless," "TuckErWay"  
Woodenware Products Co., St. Louis, Mo.

## CHAIRS, Juvenile

American-Acme Co., Emigsville, Pa.  
American Fork & Hoe Co., Cleveland, O. "Kiddy-  
Kumfy," "True Temper"  
American-National Co., Toledo, O. (Automobile;  
"Go-Bye"  
Anchor Toy Corp., Coudersport, Pa.  
Appleton Toy & Furniture Co., Appleton, Wis.  
Brown Bros. Co., Gardner, Mass.  
Buckstaff Co., Oshkosh, Wis.  
Case (N. D.) Co., Athol, Mass.  
Gem Mfg. Corp., Bascom, O.  
Gendron Wheel Co., Toledo, O.  
Hamilton Mfg. Co., Two Rivers, Wis.  
Kalamazoo Sled Co., Kalamazoo, Mich.  
Lehman Co. of America, Cannelton, Ind.  
Lynch (W. D.) Co., Inc., Lancaster, Pa.  
Paris Mfg. Co., S. Paris, Mich.  
Pratt Corp., Coldwater, Mich.  
Ramsdell (L. B.) Co., Gardner, Mass.  
Readboro Chair Co., Readboro, Vt.  
South Bend Toy Mfg. Co., South Bend, Ind.  
South Tamworth Industries, Inc., South Tamworth,  
N. H.  
Tucker Duck & Rubber Co., Fort Smith, Ark.  
"Tuckerway"

## CHAIRS, Lawn

Archbold Ladder Co., Archbold, O.  
Autowheel Coaster Co., No. Tonawanda, N. Y.  
Badger Wire & Iron Wks., Milwaukee, Wis.  
Bailey, S. J., Nicholson, Pa.  
Cleveland Welding Co., W. 117th & Berea Rd.,  
Cleveland, O. "Restmaster"  
Crawford Furniture Mfg. Co., Inc., Shreveport, La.  
Gem Mfg. Corp., Bascom, O.  
Gold Medal Folding Furniture Co., Racine, Wis.  
"Racine"  
Goshen Mfg. Co., Goshen, Ind.  
Hampton Specialty Products, Inc., East Hampton,  
Mass.  
Huttig Sash & Door Co., St. Louis, Mo.  
Kalamazoo Sled Co., Kalamazoo, Mich.  
Mahoney Chair Co., Gardner, Mass.  
Michigan Wire Goods Co., Niles, Mich. "Realax"  
Nappanee Lumber & Mfg. Co., Nappanee, Ind.  
Pratt Corp., Coldwater, Mich.  
Seiden Mfg. Co., Palatka, Fla.  
Spanjer Bros., 267 Mt. Pleasant Av., Newark, N. J.  
"Chair-O-Cot"  
Stewart Iron Works Company, Inc., 408 Stewart  
Block, Cincinnati, O. (Iron and Wire)  
Sweet (A. L.) Iron Works, Medina, N. Y.  
Telescope Folding Furniture Co., Granville, N. Y.  
Tucker Duck & Rubber Co., Ft. Smith, Ark. "Peer-  
less"  
Woodenware Products Co., St. Louis, Mo.  
Young (J. O.) Co., Springfield, Mass.  
CHALK—See kind desired; also Crayons

## CHALK, Bowling

Binney & Smith Co., 41 E. 42nd, New York, N. Y.  
General Crayon Co., Easton, Pa. "Lafayette"  
Standard Crayon Mfg. Co., Danvers, Mass.

## CHALK, Carpenters'

American Art Clay Co., 4717 W. 16th, Indianapolis,  
Ind. "Amaco"  
American Crayon Co., Sandusky, O. "Old Faithful"  
Binney & Smith Co., 41 E. 42nd, New York, N. Y.  
"J. V. A."  
General Crayon Co., Easton, Pa. "Lafayette"  
Globe Crayon Co., 280 3rd, B'klyn, N. Y.  
Imperial Crayon Co., 174 Avenue S, B'klyn., N. Y.  
Standard Crayon Mfg. Co., Danvers, Mass.  
Union Crayon Co., 200 Market, Lowell, Mass.

## CHALK, Colored

American Art Clay Co., 4717 W. 16th, Indianapolis,  
Ind. "Sunray"  
Binney & Smith Co., 41 E. 42nd, New York, N. Y.  
General Crayon Co., Easton, Pa. "Lafayette"  
Imperial Crayon Co., 174 Avenue S, B'klyn., N. Y.  
Standard Crayon Mfg. Co., Danvers, Mass.  
Union Crayon Co., 200 Market, Lowell, Mass.  
CHALK LINE REELS—See Reels, Line, Chalk  
CHALK LINES—See Lines, Chalk  
CHALK, School—See Crayons

## CHAMBERS, Bed

Almo Trading & Importing Co., Inc., 3 W. 18th,  
New York, N. Y. (Indurated Fibre)  
Bellair Enamel Co., Bellair, O. "Beco"  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
U. S. Stamping Co., Moundville, W. Va.  
Vollrath Co., Sheboygan, Wis. "Safety"  
CAMPER KNIVES—See Knives, Machine

## CHAMOIS

American Sponge & Chamols Co., Inc., 47 Ans,  
New York, N. Y. "Amso," "Andy," "Anna,"  
"Clover Leaf," "Du Barry," "Golden Glow,"  
"Joan of Arc," "Red Seal," "Three Star," "Mer  
maid"  
Armaly Sponge & Chamols Co., Inc., 284 Iron, De-  
troit, Mich. "Dru-Tan"  
Atlantic Sponge & Chamols Corp., 49 Walker, New  
York, N. Y. "Atlantic," "Satan"  
Bloch (Albert) & Sons, Inc., 36 Walker, New York,  
N. Y. "Abesco," "Ti-Tan"  
Bloch (Jos.), Inc., 51 Cliff, New York, N. Y.  
Dreeding Bros. Co., 5th & Master, Phila., Pa.  
Ettman (H. L.) Sponge & Chamols Co., 1901  
Oliver, St. Louis, Mo.  
Florida Sponge & Chamols Co., 42 Cliff, New York,  
N. Y.  
Greek American Sponge Co., Chicago, Ill.  
Gulf & West Indies Co., Inc., 28 Murray, New  
York, N. Y. "Brownie," "Frenchy"  
Hoyt & Worthen Tanning Corp., Haverhill, Mass.  
"Sunshine" (French Process)  
Lawrence (A. C.) Leather Co., Peabody, Mass.  
Louden & Hill, 624 Arch, Phila., Pa.  
Nassau Sponge Co., 124 W. Kinzie, Chicago, Ill.  
Niehaus (Jos.) Co., Cincinnati, O.  
Rhodes (James H.) & Co., 157 W. Hubbard, Chi-  
cago, Ill. "Colosus," "Rhocom"  
Robinson Sponge Co., 1805 Atlantic Av., B'klyn,  
N. Y. "Sea-Leaf"  
Schroeder & Tremayne, Inc., 1711 Delmar Blvd., St.  
Louis, Mo. "Cord Bound," "Eiffel," "Keystone,"  
"Mastertan," "Tagline"

## CHAMOIS, Synthetic

Kaster Specialty Mfg. Co., Inc., 510 6th Av., New  
York, N. Y. "Glint"

## CHANGERS, Electric Lamp

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit,  
Mich.  
G. C. A. Mfg. Co., 346 Wabconah, Pittsfield, Mass.  
McGill Mfg. Co., Valparaiso, Ind.  
Matthews (W. N.) Corp., 3720 Forest Park Blvd.,  
St. Louis, Mo. "Holdfast"  
Suction-Cup Lamp Changer Co., 826 Delaware,  
Scranton, Pa.

## CHANGERS, Money, Conductors'

Galef, J. I., 75 Chambers, New York, N. Y. "Mc-  
Gill"  
Johnson Fare Box Co., 4619 N. Ravenswood Av.,  
Chicago, Ill. "Universal"  
CHANNEL IRON—See Steel or Iron, Angle, Chan-  
nel and "T"  
CHANNEL STEEL—See Steel or Iron, Angle,  
Channel and "T"  
CHARACTER DOLLS—See Dolls, Character

## CHARCOAL

Chicago Charcoal Co., 3027 Turner Av., Chicago, Ill.  
Crossett Chemical Co., Crossett, Ark.  
Forest Products Chemical Co., Memphis, Tenn.  
Manufacturers Charcoal Co., Bradford, Pa.  
Orravets (Geo.) & Son, Auburn, Wash.  
Southern Pine Chemical Co., Jacksonville, Fla.  
Union Charcoal & Chemical Co., Olean, N. Y.  
Tennessee Eastman Corp., Kingsport, Tenn.  
Tennessee Products Corp., Nashville, Tenn.  
Wittig (F.) & Co., 3001 W. Lisbon Av., Milwaukee,  
Wis.

CHARCOAL BRIQUETTES—See Briquettes, Char-  
coal

CHARCOAL BROILERS—See Broilers, Charcoal

CHARCOAL GRILLS—See Grills, Charcoal

CHARCOAL SAD IRONS—See Irons, Sad, Char-  
coal

## CHARGERS, Battery

Automatic Electrical Devices Co., 324 E. Third,  
Cincinnati, O. "Homecharger," "Serv-A-Charger"  
Baldor Electric Co., 4359 Duncan Av., St. Louis, Mo.  
Briggs & Stratton Corp., 2711 N. 13th, Milwaukee,  
Wis. "Basco"  
Evans-Walton Co., 243 W. Congress, Detroit, Mich.  
"Bat-Re-Charger"  
Fansteel Products Co., North Chicago, Ill. "Bal-  
kite"  
Fore Electrical Mfg. Co., 4800 Delmar, St. Louis,  
Mo.  
France Mfg. Co., Cleveland, O.  
General Electric Co., 1285 Boston Av., Bridgeport,  
Conn. "Tungar"  
Good-All Electric Mfg. Co., 251 Spruce, Ogallala,  
Nebr. "Good-All"  
Killark Electric Mfg. Co., 3940 Easton Av., St.  
Louis, Mo.  
United American Bosch Corp., Springfield, Mass.  
Valley Electric Corp., 4221 Forest Park Bldg., St.  
Louis, Mo.  
Westinghouse Elec. & Mfg. Co., East Pittsburgh,  
Pa.

## CHARGERS, Battery, Wind Power

Jacobs Wind Electric Co., Inc., 2111 Wash. Av., N.  
Minneapolis, Minn. "Jacobs"  
Parris-Dunn Corp., 114 S. 15th, Clarinda, Ia. "Free-  
Lite," "Hy-Tower"  
Pioneer Gen-E-Motor Corp., 446 W. Superior, Chi-  
cago, Ill.

Ruralite Engineering Co., 2700 Hawkeye Drive,  
Sioux City, Ia. "Ruralite"  
White Wind Electric Co., Inc., 2300 E. Douglas Av.,  
Wichita, Kans. "White"  
Wincharger Corp., Sioux City, Ia. "Wincharger"  
Wind-Impeller Electric Works, Ellsworth, Ia.  
Wind-Power Mfg. Co., Newton, Ia. "Air-Lite"  
CHECK NUTS—See Nuts, Check  
CHECK VALVES—See Valves, Check  
CHECKER BOARDS—See Boards, Checker  
CHECKING CRAYONS—See Crayons, Checking  
CHECKING FLOOR HINGES—See Hinges, Floor  
CHECKING PIVOT HINGES—See Hinges, Pivot,  
Checking

## CHECKS, Brass, Time, Tool and Pay

Brainerd Mfg. Co., East Rochester, N. Y.  
Corbin Cabinet Lock Co., New Britain, Conn.  
Cunningham (M. E.) Co., 245 E. Carson, Pitts-  
burgh, Pa.  
Dickey Grabler Co., Cleveland, O.  
Excelsior Tool & Mfg. Co., 881 E. 147th, New York,  
N. Y.  
Hoggson & Pettis Mfg. Co., New Haven, Conn.  
Independent Lock Co., Fitchburg, Mass.  
Murdock Stamp & Specialty Co., Cincinnati, O.  
Noble & Westbrook Mfg. Co., East Hartford, Conn.  
Schwerdtle Stamp Co., Bridgeport, Conn.  
Spencer (S. M.) Mfg. Co., 3 Cornhill, Boston, Mass.  
Stafford (N.) Co., 53rd & 1st Av., B'klyn, N. Y.  
Wright (Greg. G.) & Sons, Cincinnati, O.  
Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee,  
Wis.

CHECKS, Door—See Closers, Door

## CHECKS, Door, Screen

Gardner Wire Co., 5045 W. Lake, Chicago, Ill.  
"Gardner"  
Heckethorn Mfg. & Supply Co., Littleton, Colo.  
"E-Z Klose"  
Larson (Chas. O.) Co., Av. G. & C. & N.W.R.R.,  
Sterling, Ill.  
Sargent & Co., New Haven, Conn. "No Bang,"  
"No Slam"

CHECKS, Floor—See Closers, Door, Floor

CHECKS, Pay—See Checks, Brass, Time, Tool and  
Pay

CHECKS, Time—See Checks, Brass, Time, Tool and  
Pay

CHECKS, Tool—See Checks, Brass, Time, Tool and  
Pay

CHECKER BOARDS—See Boards, Checker, Back-  
gammon, Cribbage & Chess

CHECKERS—See Games, Checkers and Backgam-  
mon

## CHEESECLOTH

Chicopee Sales Corp., 40 Worth, New York, N. Y.  
"Chix"  
Griswoldville Mfg. Co., Griswoldville, Mass.  
Kendall Mills, Walpole, Mass.  
Textile Corp. of America, Katonah, N. Y. "Ameri-  
can Lady"

CHEESE GRATERS—See Graters, Cheese

CHEESE KNIVES—See Knives, Cheese

CHEMICAL CARTRIDGE SPRAYERS—See Spray-  
ers, Garden Hose, Fertilizer & Insecticide

CHEMICAL CLOSETS—See Toilets, Chemical

CHEMICAL FERTILIZERS—See Fertilizers, Chemi-  
cal

CHEMICAL TOILETS—See Toilets, Chemical

CHEMICAL OUTFITS, Toy—See Outfits, Chemical,  
Toy

CHERRY STONERS—See Stoners, Cherry

CHESS BOARDS—See Boards, Checker, Backgam-  
mon, Cribbage & Chess

CHEST CORNERS—See Corners, Box, Chests

CHEST HANDLES—See Handles, Chest

CHEST LOCKS—See Locks, Chest, Drawer and  
Desk

CHEST PROTECTORS—See Protectors, Body

## CHESTS, Cedar

Huttig Sash & Door Co., St. Louis, Mo.  
Lancaster Mfg. Co., Lancaster, Pa.  
Lane Co., Inc., Altavista, Va.  
Tennessee Red Cedar & Novelty Co., Chattanooga,  
Tenn.

## CHESTS, Cedarized

Decorative Cabinet Corp., 261 Fifth Av., New York,  
N. Y. "E-Z-Do"  
Dillingham Mfg. Co., Sheboygan, Wis. "Bluebird"  
Expello Corp., Dover, N. H. "Expello"  
Odora Co., Inc., 738 Water, New York, N. Y.  
"MotheX," "Odora," "Stor-A-Way"  
White Tar Co. of New Jersey, Kearny, N. J.

## CHESTS, Cedar, Toy

Browne (Jos. A.) & Son, North Manchester, Ind.  
South Bend Toy Mfg. Co., South Bend, Ind.

## CHESTS, Tool

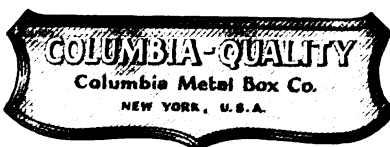
(See also Boxes, Tool)

All-Steel-Equip. Co., Inc., Aurora, Ill.  
Boelter (F. W.) Mfg. Co., 2713 Lincoln Av., Chi-  
cago, Ill.

# COLUMBIA METAL BOX Co.

260 E. 143rd Street

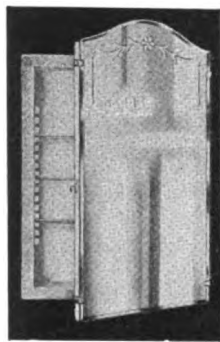
NEW YORK, N. Y.

*styled right**priced right*

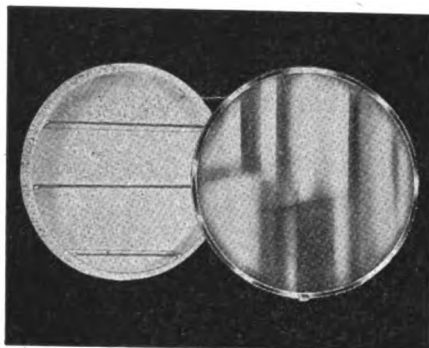
*Sell the "COLUMBIA-QUALITY" lines*

- STEEL MEDICINE CABINETS • • • RADIATOR ENCLOSURES •
- APARTMENT MAIL BOXES • BATHROOM ACCESSORIES •

## COLUMBIA STANDARD CABINETS



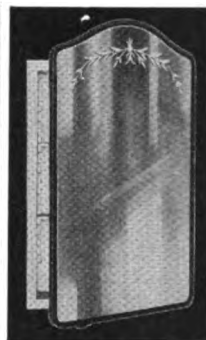
VENETIAN



CIRCULAR CABINET



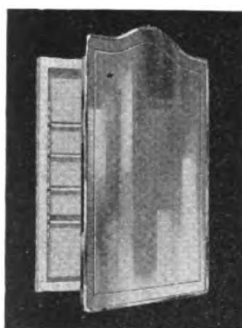
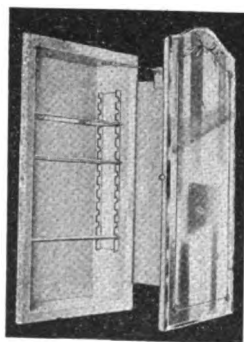
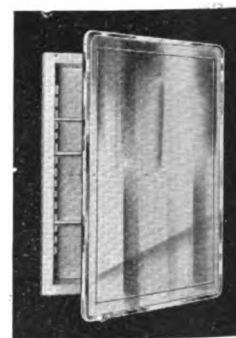
WING MIRROR



BLACK FRAME VENETIAN

## COLUMBIA "PERFECTLITE" CABINET

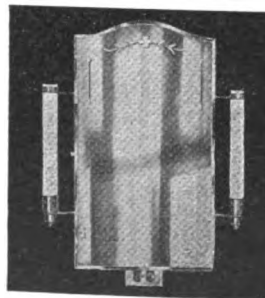
With Adjustable Mirror

CHROMIUM FRAME  
VENETIANLIGHTING FIXTURES  
With Switch and Convenience OutletCHROMIUM FRAME  
IMPERIAL VENETIAN

## STEEL RADIATOR ENCLOSURES

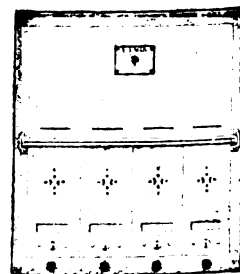


LUMILINE

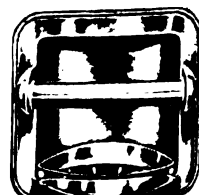
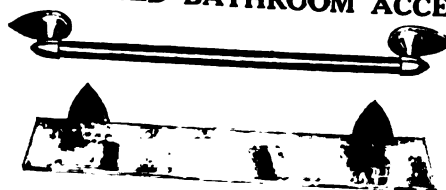
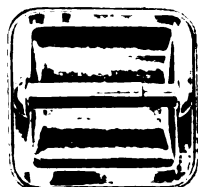


TUBULAR

## APARTMENT MAIL BOXES



## CHROMIUM PLATED BATHROOM ACCESSORIES



- A variety of other styles and sizes to meet every requirement. Write for comprehensive catalog and prices. •

Mention Hardware Age When Writing

**CHESTS, Tool (Continued)**

Chicago Tool & Kit Mfg. Co., Chicago, Ill.  
 "C. T. K."  
 Gestner (H.) & Sons, Dayton, O. (Leather)  
 Heddon's (Jas.) Sons, Dowagiac, Mich.  
 Kennedy Mfg. Co., Van Wert, O.  
 Lufkin Rule Co., Saginaw, Mich.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 Peerless Level & Tool Co., Sterling, Ill.  
 Schiarrow Iron Products Co., Racine, Wis. "Sipco"  
 Stanley Rule & Level Plant, New Britain, Conn.  
 Union Steel Chest Corp., Le Roy, N. Y.  
 Vanderman Mfg. Co., Willmantic, Conn.  
 Wedell & Boers, Detroit, Mich.  
 Yarder Mfg. Co., Toledo, O.

**CHESTS, Tool, Boys'**

American Mfg. Concern, Falconer, N. Y.  
 Gilbert (A. C.) Co., New Haven, Conn.  
 Mason & Parker Mfg. Co., Winchendon, Mass.  
 Newton-Thompson Co., Brandon, Vt.  
 Stanley Tools Div. Stanley Works, New Britain, Conn.

**CHICKEN AND TURKEY STICKING KNIVES—See Knives, Sticking****CHICKEN COOP SCRAPPERS — See Scrappers, Chicken Coop****CHICKEN LEG BANDS—See Bands, Leg, Poultry****CHICKEN SINEW EXTRACTORS—See Extractors, Sinew, Chicken****CHILDREN'S BANKS—See Banks, Children's****CHILDREN'S BARROWS — See Wheelbarrows, Children's****CHILDREN'S BICYCLES—See Bicycles, Juvenile****CHILDREN'S BILLIARD AND POOL TABLES—See Tables, Billiard and Pool, Children's****CHILDREN'S BLACKBOARDS—See Blackboards, Children's****CHILDREN'S BOOKS—See Books, Children's****CHILDREN'S CARS, Walking, Hand or Foot Power—See Cars, Children's Walking, Hand or Foot Power****CHILDREN'S CHAIRS—See Chairs, Juvenile****CHILDREN'S DESKS—See Desks, Children's****CHILDREN'S FOOT-RACERS—See Scooters****CHILDREN'S FURNITURE—See Furniture, Children's****CHILDREN'S GOLF SETS—See Sets, Golf, Children's****CHILDREN'S LAWN MOWERS—See Mowers, Lawn, Toy****CHILDREN'S MERRY-GO-ROUNDS—See Merry-Go-Rounds****CHILDREN'S PAINTING OUTFITS—See Outfits, Painting, Children's****CHILDREN'S PLAYSUITS—See Suits, Children's****CHILDREN'S SAFETY STRAPS—See Straps, Safety, Children's****CHILDREN'S SLEDS—See Sleds****CHILDREN'S SLIDES—See Slides, Toboggan****CHILDREN'S SNOW SHOVELS—See Shovels, Snow, Juvenile****CHILDREN'S SWINGS—See Swings, Children's****CHILDREN'S TABLE SETS—See Sets, Table, Children's****CHILDREN'S VEHICLES—See article desired****CHILDREN'S WHEELBARROWS—See Wheelbarrows, Children's****CRIME AND STRIKE CLOCKS—See Clocks, Alarm, Timepiece, Strike & Chime****CHIMES, Door, Electric**

Arth Electrical Specialty Co., Inc., 422 E. 58rd, New York, N. Y.  
 Actuator Laboratories, 105 W. Madison, Chicago, Ill.  
 Chimes Inc., 254 Mill, Rochester, N. Y. "Mignon"  
 Dezan (J. C.) Inc., 1770 Berteau Av., Chicago, Ill.  
 Edwards & Co., Inc., Norwalk, Conn. "Duochime"  
 General Kontroler Co., Inc., Dayton, O. "Telechime"  
 Metro Mfg. Co., 900 W. Jackson Blvd., Chicago, Ill.  
 Mark Products Co., Inc., 84 N. 9th, Bklyn, N. Y.  
 "Shapit"  
 Maynard's (R. H.) Son, 54 Willoughby, Bklyn, N. Y.  
 Mello-Chime & Signal Co., Inc., 127 W. 25th, New York, N. Y. "Mell-O-Chime"  
 Nivene Chimes, Inc., Third & Eggleston, Cincinnati, O. "Nutone"  
 Rasmatine, J. Thos., 301 Beaubien, Detroit, Mich.  
 "Strombo"  
 Telephone (A. E.) Co., Inc., Honeoye Falls, N. Y.  
 Schwarze Electric Co., Adrian, Mich.

**CHIMES, Roller, Toy**

Cass (N. D.) Co., Athol, Mass.  
 Scott Bell Mfg. Co., East Hampton, Conn.  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 Mason & Parker Mfg. Co., Winchendon, Mass.

**CHIMNEY CAPS—See Caps, Chimney****CHIMNEY TOPS, Revolving—See Tops, Chimney, Revolving****CHIMNEYS, Lamp, Glass**

Bridgeport Lamp Chimney Co., Bridgeport, W. Va.  
 Cameron Glass & Mfg. Co., Cameron, W. Va.  
 Coleman Lamp & Stove Co., Wichita, Kans. "Coleman"  
 Dunbar Glass Corp., Dunbar, W. Va.  
 Fostoria Glass Co., Moundsville, W. Va.  
 Kerr, Hubbard & Kelly, Sand Springs, Okla. "Blue Ribbon," "Reliable," "Sterling," "Superlite"  
 McKee Glass Co., Jeanette, Pa. "Glasbake"  
 Macbeth-Evans Glass Co., Div. Corning Glass Wks., Charleroi, Pa. "Crescent," "Empire"  
 Scott Depot Glass Co., Scott Depot, W. Va.  
 Tongue (R. E.) & Bros. Co., Inc., Allegheny Av. & Amber, Phila., Pa. "Nursery Crimp Top"  
 Vineland Flint Glass Wks., Vineland, N. J.

**CHIMNEYS, Lamp, Mica**

Coleman Lamp & Stove Co., Wichita, Kans. "Coleman"

**CHINA BUTTONS, HANDLES AND KNOBS—See Buttons, Handles and Knobs, China****CHINA CEMENT—See Cement, China****CHINA WARE—See Ware, China****CHIPPERS, Ice**

Alaska Freezer Co., Inc., Winchendon, Mass. "Cy-clone"  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Briddell (Chas. D.), Inc., Crisfield, Md. "Briddell"  
 North Bros. Mfg. Co., N. E. cor. American and Lehigh Av., Phila., Pa. "Lightning"  
 White Mountain Freezer Co., Inc., Nashua, N. H. "White Mountain"  
 Williamson (C. T.) Wire Novelty Co., Newark, N. J.

**CHIPPING HAMMERS—See Hammers, Chipping, Forged Steel****CHIPS, Poker**

Compo-Site, Inc., 207 Astor, Newark, N. J.  
 Elklod Co., Providence, R. I.  
 U. S. Playing Card Co., Cincinnati, O.  
**CHISEL BITS—See Bits, Chisel**  
**CHISEL BLANKS—See Blanks, Chisel**  
**CHISEL HANDLES—See Handles, Chisel**  
**CHISEL SETS—See Sets, Chisel & Punch**

**CHISELS, Blacksmiths'**

Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Champion-De Arment Tool Co., Meadville, Pa.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Cleveland Steel Tool Co., Cleveland, O.  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Stanley Tools Div. Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Wks., Verona, Pa.

**CHISELS, Box**

Baltimore Tool Wks., Inc., Baltimore, Md.  
 Billings & Spencer Co., Hartford, Conn.  
 Bonney Forge & Tool Works, Allentown, Pa.  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Tomahawk"  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
 Carver Tool Works, Spring Valley, N. Y.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Drew (C.) & Co., Kingston, Mass.  
 Duffy Mfg. Co., Chicago, Ill.  
 Johnson (William), Inc., 86 Brenner, Newark, N. J.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Paine, Benjamin O., Millbury, Mass.  
 Sargent & Co., New Haven, Conn.  
 Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Village Blacksmith Folks, Watertown, Wis.

**CHISELS, Brick and Wall**

Albert Tool Co., Mercer, Pa.  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Carver Tool Works, Spring Valley, N. Y.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Dallett, Thos. H., Phila., Pa.  
 Damascus Steel Products Corp., Rockford, Ill. "Das-co"  
 Disston (Henry) & Sons, (Tacony), Phila., Pa.  
 Drew (C.) & Co., Kingston, Mass.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Hood Bros., Inc., 4336 Orchard, Phila., Pa.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 "Kwi-Kut"

Marshalltown Trowel Co., Marshalltown, Ia.  
 Mueller Co., Decatur, Ill.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Oxford Tool Co., 1633 N. Second, Phila., Pa.  
 Paine, Benjamin O., Millbury, Mass.  
 Penn Tool Co., 713 N. Broad, Phila., Pa.  
 Plomb Tool Co., Los Angeles, Cal.  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.  
 Rose (Wm.) & Bros., Sharon Hill, Pa.  
 Schmitt (Wm.) Co., Irvington, N. J.  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Village Blacksmith Folks, Watertown, Wis.  
 Vulcan Tool Mfg. Co., Quincy, Mass.  
 Warwood Tool Co., Wheeling, W. Va.

**CHISELS, Cape**

Albert Tool Co., Mercer, Pa.  
 American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Billings & Spencer Co., Hartford, Conn.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Buck Bros., Millbury, Mass.  
 Carver Tool Works, Spring Valley, N. Y.  
 Champion-De Arment Tool Co., Meadville, Pa.  
 Chicago Tool & Kit Mfg. Co., Chicago, Ill. "C. T. K."  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Cleveland Steel Tool Co., Cleveland, O.  
 Cornwell Quality Tools Co., Mogadore, O. "Cornwell"  
 Crescent Tool Co., Jamestown, N. Y. "S. & H."  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Delaware Tool Co., Wilmington, Del.  
 Drew (C.) & Co., Kingston, Mass.  
 Duffy Mfg. Co., Chicago, Ill.  
 Duro Metal Products Co., 2651 N. Kildare Av., Chicago, Ill.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Forged Steel Products Co., Newport, Pa. "F. S. P."  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Hood Bros., Inc., 4336 Orchard, Phila., Pa.  
 Hubbard & Co., Pittsburgh, Pa.  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
 International Nutup Tool Corp., Oswego, N. Y.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Johnson (William), Inc., 86 Brenner, Newark, N. J.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 Leontia Tool Co., Leontia, O.  
 Marcy Tool Works, Putnam, Conn.  
 Wavhu Steel Products, Inc., Shellburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 Mound Tool Co., 1203 S. 7th, St. Louis, Mo.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Old File Cutlery Co., Havana, Ill.  
 Oxford Tool Co., 1633 N. Second, Phila., Pa.  
 P & C Hand Forged Tool Co., Portland, Ore.  
 Paine, Benjamin O., Millbury, Mass. "C. S."  
 Penn Tool Co., 713 N. Broad, Phila., Pa.  
 Plomb Tool Co., Los Angeles, Cal.  
 Quality Tools Corp., New Wilmington, Pa. "Old Forge"  
 Rainey Mfg. Co., Titusville, Pa.  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Tiffany (Carroll E.), Conklin, N. Y. "Ace"  
 Tuck Mfg. Co., Brockton, Mass.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Village Blacksmith Folks, Watertown, Wis.  
 Vlcek Tool Co., 3006 E. 87th, Cleveland, O.  
 Vulcan Tool Mfg. Co., Quincy, Mass.  
 Warren Tool Corp., Warren, O. "Devil"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Wks., Verona, Pa.

**CHISELS, Carpenters'**

Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"  
 Buck Bros., Millbury, Mass.  
 Carpenter (E. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn. "Eversharp"  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Shamrock" (British)  
 Fuller Bros. Ltd., 133 W. 25th, New York, N. Y. "Life Long"  
 Great Neck Saw Mfrs., Inc., Great Neck, L. I. "Monarch"  
 Greenlee Tool Co., Rockford, Ill.  
 Mack Tool Co., Inc., East Rochester, N. Y. "D. R. Barton"  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. "Integrity," "Ritter"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Shark," "Shark-O-Lite" (Swedish)  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Swan (Jas.) Co., Seymour, Conn.  
 Tuck Mfg. Co., Brockton, Mass.  
 Union Hdw. Co., Torrington, Conn. "Union"  
 United States Tool Corp., Louisiana, Mo.  
 United Wire Goods Mfg. Co., 1150 Bway., New York, N. Y. "Unitool"  
 White (L. & J.) Co., Div. of the Simonds-Worden White Co., Dayton, O.  
 Winsted Edge Tool Wks., Winsted, Conn. "Witherby"



# COLEMAN GAS - OIL ELECTRIC APPLIANCES

*A Complete Nationally Known Line In Constant Demand*



**Model  
No. 132 A**  
**Gasoline  
Pressure  
Lamp**

Instant lighting—2 mantles of high candle power, protected by Pyrex glass globe. Safe—cannot be filled while lighted. Shade fluted and decorated. Retails \$8.95. Model 143, retails \$5.95. Model 134A, retails \$3.95.

Model 129A is a kerosene pressure mantle lamp similar to gasoline mantle lamps, but burns kerosene, retails \$4.95.



**Model No. 228B Gasoline Lantern**

Lights instantly—2 mantles, high candle power air pressure light. Pyrex glass globe protects mantles. Oversize generator—gives longer service with fewer changes. Nickel plated 2 pt. cap. fuel font. Canopy style top. Retails \$7.95. The 220B same as 228B but with 6 3/4" ventilator top, retails \$7.45. No. 243A Single Mantle, retails \$3.95. No. 242B Single Mantle, retails \$5.95.

No. L427 Match Generating, 2 mantles, mica chimney protects mantles, retails \$6.95.



**Model  
No. 160**

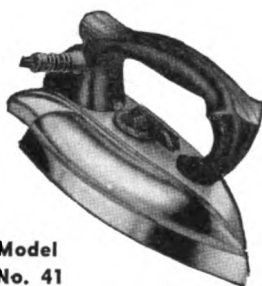
**Coleman Ker-O-Lite Lamp**

A new high quality kerosene mantle lamp. Wick-type—(non-pressure). Only mantle made with the new double-lock, triangular braced weave which insures extra strength, sturdiness and longer life. Produces a fine soft white eye-saving light. "Tight-Lock" Mantle Holder; "Snap-On" Chimney and One-Piece Base are other features. Retails \$5.75 less shade and tripod or \$7.50 complete.



**Model  
No. 609A**  
**New Streamline  
"Gas" Iron**

Rapid, Self-Heating. Makes its own "GAS" from ordinary gasoline. New modernistic beauty, non-tarnishing finishes, natural grip handle, built-in thumb rest, air cooled hood, chromium plated base. Lights instantly from outside—just like natural gas. No inserting of match inside iron to preheat generator. Operates for only 1/2 ct. per hour. Retails \$6.95. Also Model 4-A retails \$5.95 and Model 8-A retails \$3.95.



**Model  
No. 41**

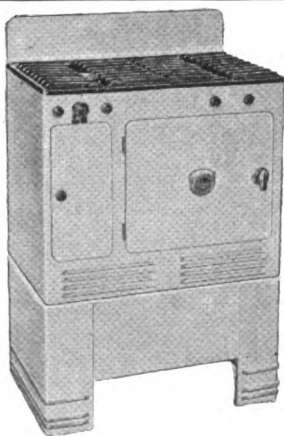
**Super-Speed Electric Iron**

The newest Streamlined Automatic, with adjustable heat control. Has fabric indicator dial; easy grip handle with built-in thumb rest; precision built thermostat, etc. Light, weighs only 4 3/4 lbs. Chromium finish. Retails \$8.95. Model 40, retails \$7.95. Model 38, retails \$6.95. Model 36, non-automatic, retails \$4.95.



**Model No. 415-C  
Folding Camp Stove**

2 burners, instant lighting; large windshields, heavy steel wire grate; removable fuel tank made of rust-proof Solodur; capacity 2 1/2 pts.; built in pump; hand-operated filler plug. Body and legs finished in forest green baked enamel; tank in bronze lacquer. Size folded: 18 3/4" x 12 1/2" x 5". Retails \$6.95. Model 416-C same with built-in oven, retails \$9.95. Model 418-B, 3-burner model, retails \$12.90. Model 413-B retails \$9.95. Model 417-B, retails \$4.95.



**Model No. 397 Cabin and Trailer Range**

A modern Summer Cook Range—provides instant gas cooking service anywhere. Makes and burns its own gas. Easily changed to burn bottled gas; instant heat regulation to any cooking degree desired; one giant burner, two standard. Automatic safety drain. Top 23 3/4" wide by 18" deep. Safety-lock oven racks. Beautiful high heat resisting baked enamel finish; chrome plated trim. Retails \$53.85. Model 396LC, retails \$51.00. Also Cabin & Trailer Stoves, Model 370-B, retails \$7.95. Model 391, \$9.90. Model 392, \$13.95. Model 395, \$16.50.

**Model No. 500 Speed-Master Table Stove**

A one burner table stove of many uses—for home, camp, office, counter use, etc. Lights and regulates instantly. Makes its own gas. Burns 96% air. Safe, wind-proof, quiet, odorless. Brass fuel font, cap. 2 pts. Boils pint of water in 2 1/4 minutes. Height 7", width 10 1/2". Retails \$5.95.

**Your Jobber Will Supply You with Coleman Quality Products.**



**Model No. 500  
Speed-Master Table Stove**

**THE COLEMAN LAMP AND STOVE COMPANY**  
Wichita, Kan.; Chicago, Ill.; Philadelphia, Pa.; Los Angeles, Calif.

**Mention Hardware Age When Writing**

**CHISELS, Cold**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Baraball Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
 Billings & Spencer Co., Hartford, Conn.  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
 "Ajax"  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Buck Bros., Millbury, Mass.  
 Carver Tool Wks., Spring Valley, N. Y.  
 Champion-De Arment Tool Co., Meadville, Pa.  
 "Critics"  
 Chicago Tool & Kit Mfg. Co., Chicago, Ill.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 "Hargrave"  
 Cleveland Steel Tool Co., Cleveland, O.  
 Cornell Quality Tools Co., Mogadore, O. "Cornwell"  
 Crescent Tool Co., Jamestown, N. Y. "S. & H."  
 Dallet (Thos. H.) Co., Phila., Pa.  
 Damascus Steel Products Corp., Rockford, Ill.  
 "Dasco"  
 Delaware Tool Co., Wilmington, Del.  
 Dixon (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Drew (C.) & Co., Kingston, Mass.  
 Duffy Mfg. Co., Chicago, Ill.  
 Duro Metal Products Co., 2651 N. Kildare Av., Chicago, Ill.  
 Eagle Tool Wks., Bayonne, N. J.  
 Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, O.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Forge Steel Products Co., Newport, Pa. "F. S. P."  
 Granite City Tool Co., Barre, Vt. "Safe-Hed"  
 Harold (H. J.) Tool Co., Columbiana, O.  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Hood Bros., Inc., 4386 Orchard, Phila., Pa.  
 Hubbard & Co., Pittsburgh, Pa.  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
 International Nuttyp Tool Co., Oswego, N. Y.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 "Dreadnaught"  
 Leontonia Tool Co., Leontonia, O.  
 Marcy Tool Wks., Putnam, Conn.  
 Marion Tool Corp., Marion, Ind.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 Mound Tool Co., 1203 S. 7th, St. Louis, Mo.  
 Mueller Co., Decatur, Ill.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Old File Cutlery Co., Havana, Ill.  
 Oxford Tool Co., 1633 N. Second, Phila., Pa.  
 P & C Hand Forged Tool Co., Portland, Ore.  
 Paine, Benjamin O., Millbury, Mass.  
 Peck, Stow & Wilson Co., Southington, Conn. "Pexto"  
 Penn Tool Co., 718 N. Broad, Phila., Pa.  
 Plumb (Fayette R.), Inc., Phila., Pa.  
 Quality Tools Corp., New Wilmington, Pa. "Old Forge"  
 Rainey Mfg. Co., Titusville, Pa.  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.  
 Ryan (James T.) Tool Works, Southington, Conn.  
 Sargent & Co., New Haven, Conn.  
 Schmitt (Wm.) Co., Irvington, N. J.  
 Seel Mfg. Co., Flakdale, Mass.  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Sorts (John) & Son, 210 Vine, Phila., Pa.  
 Tolia Tool Co., Plantsville, Conn.  
 Tuck Mfg. Co., Brockton, Mass.  
 United Wire Goods Mfg. Co., 1150 B'way, New York, N. Y. "Unitool"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Village Blacksmith Folks, Watertown, Wis.  
 Vicks Tool Co., 3006 E. 87th, Cleveland, O.  
 Warren Tool Mfg. Co., Quincy, Mass.  
 Warren Tool Corp., Warren, O. "Quikwerk," "Warwood"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Wks., Verona, Pa.

**CHISELS, Electricians'**

Baltimore Tool Wks., Inc., Baltimore, Md.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Buck Bros., Millbury, Mass.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 Crescent Tool Co., Jamestown, N. Y. "S. & H."  
 "Dasco"  
 Dixon (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Drew (C.) & Co., Kingston, Mass.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Forge Steel Products Co., Newport, Pa. "F. S. P."  
 Millers Falls Co., Greenfield, Mass.  
 Paine, Benjamin O., Millbury, Mass.  
 Stanley Tools Div. Stanley Works, New Britain, Conn.

**CHISELS, Floor**

Albert Tool Co., Mercer, Pa.  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Buck Bros., Millbury, Mass.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.

Collins Co., Collinsville, Conn. "Collins Legitimus"  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Delaware Tool Co., Wilmington, Del.  
 Dixon (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Drew (C.) & Co., Kingston, Mass.  
 Eagle Tool Wks., Bayonne, N. J.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Hood Bros., Inc., 4386 Orchard, Phila., Pa.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 Leontonia Tool Co., Leontonia, O.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Oxford Tool Co., 1633 N. Second, Phila., Pa.  
 Paine, Benjamin O., Millbury, Mass.  
 Penn Tool Co., 718 N. Broad, Phila., Pa.  
 Plumb Tool Co., Los Angeles, Cal.  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

**CHISELS, Glaziers', Painters', Etc.**

Fletcher, Terry Co., Forestville, Conn. "Fletcher"  
 Greenlee Tool Co., Rockford, Ill.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
 Schmitt (Wm.) Co., Irvington, N. J.  
 Smith (Landon P.), Inc., 130 Colt, Irvington, N. J.  
 "Red Devil"  
 Swan (James) Co., Seymour, Conn.  
 Warner Mfg. Co., 801-16th Av., S. E., Minneapolis, Minn.

**CHISELS, Hollow—See Chisels, Mortising, Hollow****CHISELS, Hot**

Evansville Tool Wks. Div. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Hubbard & Co., Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Works Verona, Pa.

**CHISELS, Ice**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames Baldwin Wyoming Co., Parkersburg, W. Va.  
 Arcade Mfg. Co., Freeport, Ill.  
 Chavillon (John) & Sons, 85 Cliff, New York, N. Y.  
 P. M. C. Mfg. Corp., Phenicia, N. Y. "Keeno"  
 Peavey Mfg. Co., Brewer, Me.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Union Fork & Hoe Co., Columbus, O. "Union"  
 Williams (A. C.) Co., Ravenna, O.  
 Wirt & Knox Mfg. Co., 2340 W. York, Phila., Pa.  
 "Comet"  
 Wrightville Hardware Co., Wrightville, Pa. "Standard"

**CHISELS, Mortising, Hollow**

Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
 Forest City Bit & Tool Co., Rockford, Ill.  
 Greenlee Tool Co., Rockford, Ill.  
 Huch (Job T.), Inc., Phila., Pa.  
 Star Bit & Tool Co., Rockford, Ill.

**CHISELS, Plumbers'**

Baltimore Tool Wks., Inc., Baltimore, Md.  
 Billings & Spencer Co., Hartford, Conn.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Buck Bros., Millbury, Mass.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 Dallett (Thos. H.) Co., Phila., Pa.  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Hood Bros., Inc., 4386 Orchard, Phila., Pa.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Millers Falls Co., Greenfield, Mass.  
 Mound Tool Co., 1203 S. 7th, St. Louis, Mo.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Paine, Benjamin O., Millbury, Mass.  
 Plumb Tool Co., Los Angeles, Cal.  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.  
 Schmitt (Wm.) Co., Irvington, N. J.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Village Blacksmith Folks, Watertown, Wis.  
 Warwood Tool Co., Wheeling, W. Va.

**CHISELS, Railroad Track**

Iron City Tool Wks., Pittsburgh, Pa.  
 Warren Tool Corp., Warren, O. "Cut Devil," "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Wks., Verona, Pa. "Veronaloy"

**CHISELS, Tree Surgeons'**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
 Buck Bros., Millbury, Mass.  
 Greenlee Tool Co., Rockford, Ill.  
 Swan (Jas.) Co., Seymour, Conn.

**CHOKES, Gun, Adjustable**

Poly Choke Co., 180 Franklin Av., Hartford, Conn.  
 Lyman Gun Sight Corp., 55 West, Middlefield, Conn.

**CHOPPERS, Food—See Choppers, Meat and Food****CHOPPERS, Ice—See Breakers, Ice****CHOPPERS, Meat and Food**

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. "Moravia"  
 Chicago Flexible Shaft Co., Chicago, Ill. "Kitchenmaster"  
 Cleveland Klean-Kut Mfg. Co., Cleveland, O.  
 Jobbrookdale Iron Co., Dept. C., Boyertown, Pa. "Keystone"  
 Ennis Mfg. Co., Reading, Pa.  
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "American," "Dixie," "Enterprise"  
 Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Foley"  
 Griswold Mfg. Co., Erie, Pa.  
 Hobart Mfg. Co., Troy, O. (Electric)  
 Soc Corp., Poughkeepsie, N. Y. "Merryway" (Electric)  
 Holwick, B. C., Canton, O. (Electric)  
 Landers, Frary & Clark, New Britain, Conn. "Glimax," "Universal"  
 Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
 New Standard Corp., Mt. Joy, Pa. "Dandy," "De Luxe," "New Standard," "Regal"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Rapid Electric Mfg. Co., 1017 N. Front, Phila., Pa.  
 Read Mfg. Co., York, Pa. (Electric)  
 Rollman Mfg. Co., Mt. Joy, Pa. "Joy," "Rollman"  
 Royal Electric Fixture Corp., Hornell, N. Y. "Royal"  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Ramswin"  
 Sargent & Co., New Haven, Conn. "Gem"  
 Smith's (John E.) Sons Co., Buffalo, N. Y. "Buffalo," "Buffalo Silent"  
 United States Lock & Hdw. Co., Columbia, Pa.  
 Village Blacksmith Folks, Watertown, Wis.

**CHOPPERS, Meat, Nut**

Patent Novelty Co., Inc., Fulton, Ill. "Handy Ann"  
 Washburn Co., Worcester, Mass. "Androck"

**CHOPPERS, Onion**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 Aurora Electric Co., 14 Dunham Pl., B'klyn, N. Y.  
 Federal Tool Corp., 412 N. Leavitt, Chicago, Ill. "Federal"

Washburn Co., Worcester, Mass. "Tearless"

**CHOPPERS, Vegetable—See Choppers, Meat and Food****CHOPPING BOWLS—See Bowls, Wooden****CHOPPING KNIVES—See Knives, Chopping****CHRISTMAS PAPER BELLS—See Bells, Paper, Christmas****CHRISTMAS SNOW—See Snow, Artificial****CHRISTMAS STOCKINGS, Filled with Toys—See Stockings, Christmas, Filled with Toys****CHRISTMAS TREE FENCES—See Fences, Christmas Tree****CHRISTMAS TREE HOLDERS—See Holders, Christmas Tree****CHRISTMAS TREE LAMP BULBS—See Lamps or Bulbs, Electric, Miniature****CHRISTMAS TREE LAMP OUTFITS, Electric—See Outfits, Christmas Tree, Electric****CHRISTMAS TREE LAMP SETS—See Outfits, Christmas Tree, Electric****CHRISTMAS TREE LIGHTING SETS—See Outfits, Christmas Tree, Electric****CHRISTMAS TREE ORNAMENTS—See Ornaments, Christmas Tree****CHRISTMAS TREE SETS—See Outfits, Christmas Tree, Electric****CHRISTMAS TREE STANDS—See Holders, Christmas Tree****CHRISTMAS TREES, Artificial—See Trees, Christmas, Artificial****CHRISTMAS WREATHS—See Wreaths, Christmas****CHROMIUM-PLATED TABLE WARE—See Ware, Table, Chromium Plated****CHUCK ARBORS—See Arbors, Chuck****CHUCKS, Drill**

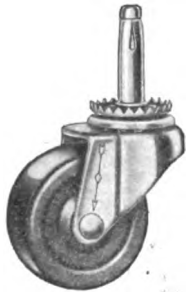
Almond (T. R.) Mfg. Co., Ashburnham, Mass.  
 Brown (R. H.) & Co., New Haven, Conn. "Reid"  
 Cushman Chuck Co., Hartford, Conn.  
 Etico Tool Co., 594 Johnson Av., B'klyn, N. Y.  
 Glenzer (J. C.) Co., Detroit, Mich.  
 Horton (E.) & Son Co., Windsor Locks, Conn. "Morrow"  
 Jacobs Mfg. Co., Hartford, Conn. "Improved," "Jacobs," "Super"  
 McCroskey Tool Corp., Meadville, Pa. "Wizard"  
 Millers Falls Co., Greenfield, Mass.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 North Bros. Mfg. Co., N. E. cor. American and Lehigh Av., Phila., Pa. "Yankee"  
 Skinner Chuck Co., New Britain, Conn.  
 Standard Tool Co., Cleveland, O.  
 Stearns (E. C.) & Co., Syracuse, N. Y. (Post Drill)  
 Union Mfg. Co., New Britain, Conn. "New Britain," "Union"  
 Westcott Chuck Co., Oneida, N. Y. "Little Giant"  
 Whitman & Barnes, Inc., Detroit, Mich. "Graham"

# Bassick

## THE COMPLETE CASTER LINE

ATTRACTIVELY PACKAGED

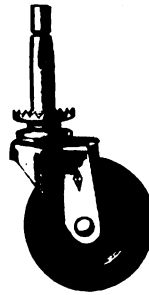
MERCHANDISING DISPLAYS



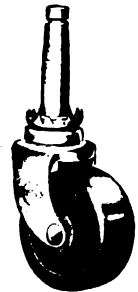
**"DIAMOND-ARROW"**  
Office Chair and  
Heavy Duty Furniture



**CRIB AND TEA WAGON**  
Light Duty



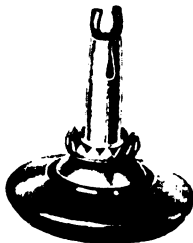
**"DIAMOND-DART"**  
Quality Furniture



**"UNIVERSAL-STANDARD"**  
Furniture



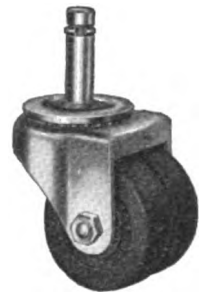
**METAL BED**  
Ball Bearing



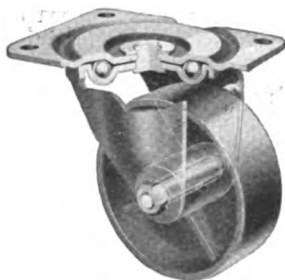
**"NOMAR"**  
Furniture Rests  
Socket and Drive-on Types



**RUBBER CUSHION**  
Furniture Slides  
All Types of Attachments



**PIANO CASTERS**  
Heavy Duty



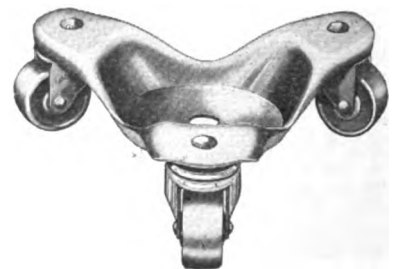
**TRUCK CASTERS**  
All Sizes and Types



**"DIAMOND-DART"**  
Quality Plate



**"SWIVLO"**  
Ball Bearing



**CASTER DOLLIES**  
Light and Heavy Duty

**PROMPT SERVICE ON BASSICK CASTERS FROM LEADING WHOLESALERS**

**COMPLETE CATALOGS SENT PROMPTLY ON REQUEST**

No. 116—FOR FURNITURE CASTERS, SLIDES, FLOOR PROTECTION  
EQUIPMENT

No. 121—FOR INDUSTRIAL TRUCK CASTERS

No. 126—FOR FURNITURE PULLS AND KNOBS

**THE BASSICK COMPANY • BRIDGEPORT, CONNECTICUT**

Canadian Factory: STEWART-WARNER-ALEMITE CORPORATION OF CANADA, LTD., BELLEVILLE, ONTARIO

Mention Hardware Age When Writing

Digitized by Google



**CHUCKS, Lathe**

Almond (T. R.) Mfg. Co., Ashburnham, Mass.  
 Cushman Chuck Co., Hartford, Conn.  
 Hoggson & Pettis Mfg. Co., New Haven, Conn.  
 "Sweetland"  
 Millers Falls-Goodell Pratt Co., Greenfield, Mass.  
 Skinner Chuck Co., New Britain, Conn.  
 Union Mfg. Co., New Britain, Conn. "Union"  
 Westcott Chuck Co., Oneida, N. Y.

**CHUCKS, Magnetic**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Taft-Peirce Mfg. Co., Woonsocket, R. I.

**CHURCH BELLS—See Bells, Church****CHURNS, Barrel**

Creamery Package Mfg. Co., Chicago, Ill. "Dairy"  
 McDermald, John, Rockford, Ill. "Belle," "Favorite"  
 Solar-Sturges Mfg. Co., Melrose Park, Ill. "Sturges"  
 Superior Churn & Mfg. Co., Northville, Mich. "Superior"  
 Taylor Bros. Churn & Mfg. Co., St. Louis, Mo.

**CHURNS, Commercial**

Cherry-Burrell Corp., Chicago, Ill. "Dreadnaught," "Perfection," "Single Roll"  
 Creamery Package Mfg. Co., Chicago, Ill. "Disbrow," "Dual," "Victor"  
 Superior Churn & Mfg. Co., Northville, Mich. "Superior"

**CHURNS, Electric**

Dazy Churn & Mfg. Co., 4801 Warner Av., St. Louis, Mo. "Dazey"

**CHURNS, Farm**

Creamery Package Mfg. Co., Chicago, Ill. "Minnetonka," "Victor Jr."  
 Dazy Churn & Mfg. Co., 4801 Warner Av., St. Louis, Mo. "Dazey"  
 McDermald, John, Rockford, Ill. "Belle," "Favorite"  
 Richmond Cedar Wks., Richmond, Va.  
 Standard Churn Co., Wapokoneta, O. "Banner," "Standard"  
 Superior Churn & Mfg. Co., Northville, Mich. "Superior"  
 Taylor Bros. Churn & Mfg. Co., St. Louis, Mo. "Dandy," "Reliable"  
 Vermont Farm Machine Corp., Bellows Falls, Vt.  
 "Davis Swing," "Factory," "Surprise"

**CHURNS, Household**

Champion Churn Co., 7229 Natural Bridge, St. Louis, Mo. "Champion" (Glass)  
 Dazy Churn & Mfg. Co., 4801 Warner Av., St. Louis, Mo. "Dazey" (Glass & Metal)  
 Pittsburg Pottery Co., Pittsburg, Kan.  
 Solar-Sturges Mfg. Co., Melrose Park, Ill. "Sturges"  
 Standard Churn Co., Wapokoneta, O. "Banner," "Standard"  
 Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"  
 Taylor Bros. Churn & Mfg. Co., St. Louis, Mo. "Dandy," "Reliable" (Glass)

**CHUTES, Wagon, Coal**

Erie Enameling Co., Erie, Pa. "Slide-Fast"  
 Franklin Equipment Co., Monticello, La. "Monticello"  
 General Wheelbarrow Co., Div. Empire Plow Co., 3140 E. 65th, Cleveland, O. "General"  
 Harry (O. F.) Steel Co., 2337 Papin, St. Louis, Mo. "Okay"  
 Lansing Co., Lansing, Mich.  
 Logan Co., Louisville, Ky.  
 Pioneer Mfg. Co., Middlebury, Ind.  
 Sackett (H. B.) Screen & Chute Co., Chicago, Ill. "Hi Carbo"

**CHUTES, Window, Coal**

Adams Co., The, Dubuque, Ia.  
 Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
 Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.  
 Clark (H. W.) Co., Mattoon, Ill.  
 Donkey Bros. Co., Cleveland, O.  
 Gabriel Steel Co., Detroit, Mich.  
 Indiana Fdry. Co., Indiana, Pa.  
 Kewanee Mfg. Co., Kewanee, Ill.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Kramer Fdry. Co., Dayton, O.  
 Majestic Co., Huntington, Ind. "Majestic"  
 Peerless Mfg. Corp., Louisville, Ky.  
 Quinn Wire & Iron Wks., Boone, Ia.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Swett (A. L.) Iron Works, Medina, N. Y.  
 Vento Steel Sash Co., Muskegon, Mich.

**CIDER BARRELS—See Barrels and Kegs****CIDER MILLS—See Mills and Presses, Cider****CIDER PRESSES—See Mills and Presses, Cider****CIGAR ASH RECEIVERS—See Receivers, Ash****CIGAR KNIVES—See Knives, Cigar****CIGARETTE HUMIDORS—See Humidors, Cigarette****CIGARETTE LIGHTERS—See Lighters, Cigarette and Cigar, Electric****CINEMA SOUND SCREEN PAINTS—See Paints, Screen, Sound, Cinema****CIRCLE METAL CUTTERS—See Cutters, Circle Metal****CIRCULAR BLADES—See Blades, Circular****CIRCULAR MITRE SAWS—See Saws, Circular, Mitre****CIRCULAR SAWS—See Saws, Circular****CIRCULAR SAW MANDRELS—See Mandrels, Circular Saw****CIRCULATING COAL or WOOD HEATER REGULATORS—See Regulators, Circulating Heater****CIRCULATING COAL OR WOOD HEATER—See Heaters, Circulating, Coal or Wood****CIRCULATING FUEL OIL BURNING HEATER—See Heaters, Circulating and Radiant, Fuel Oil Burning****CIRCULATING GAS HEATERS—See Heaters, Gas****CIRCULATORS, Heat**

Skuttle (J. L.) Co., 1015 Franklin Av., Detroit, Mich. "Skuttle"

**CIRCUMFERENCE GAGES—See Gages, Circumference****CIRCUS TOYS**

Fisher-Price Toys, Inc., East Aurora, N. Y. "Big Performing"  
 Knapp Elec., Inc., 358 S. Meridian, Indianapolis, Ind. "Krazy-Ikes"  
 Madman Quality Co., Utica, N. Y.  
 Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.  
 CISTERN AND WELL CYLINDERS—See Cylinders, Well and Cistern

**CISTERN COVERS—See Covers, Cistern****CISTERN PUMPS—See Pumps, Cistern and Stm "C" CLAMPS—See Clamps, "C"****CLAM HOOKS—See Hooks, Clam****CLAM KNIVES—See Knives, Oyster and Clam****CLAM RAKES—See Hooks, Clam****CLAM TONGS—See Tonga, Oyster and Clam****CLAMP FIXTURES—See Fixtures, Clamp****CLAMPING BENCHES—See Benches, Clamping****CLAMPS, Beam**

Austin & Eddy, 117 Broad, Boston, Mass.  
 Excelsior Tool Mfg. Co., 881 E. 147th, New York, N. Y.  
 Grabler Mfg. Co., 6565 B'way, Cleveland, O. "G"  
 Grinnell Co., Inc., 200 W. Exchange, Providence, R. I.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Richard Wilcox Mfg. Co., Aurora, Ill.  
 Walworth Co., 60 E. 42nd, New York, N. Y.

**CLAMPS, Bench**

Black Bros. Co., Inc., Mendota, Ill.  
 Blackburn Specialty Co., 1965 E. 66th, Cleveland, O.

**CLAMPS, Body**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen," "Mark"  
 Black Bros., Inc., Mendota, Ill.  
 Cincinnati Tool Co., Cincinnati, O. "Hargrave"  
 Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.  
 Grand Specialties Co., 8101 W. Grand Av., Chicago, Ill. "Grand Avia"  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Agrippa," "Body-Builders," "Vulcan"

**CLAMPS, Boiler Plate, Lifting**

Merrill Bros., Maspeth, N. Y. "Volz"  
 Never Slip Safety Clamp Co., Grand Central Annex, P. O. Box 448, New York, N. Y.

**CLAMPS, Brick**

Builders Material, Inc., 601 3rd, S.E., Cedar Rapids, Ia. "Fuller Brikarier"  
 Donley Bros. Co., Cleveland, O.  
 Duplex Mfg. & Foundry Co., Elyria, O.  
 Moestberger Iron Co., Buffalo, N. Y.  
 Swett (A. L.) Iron Wks., Medina, N. Y.

**CLAMPS, Brush, Scrub**

Vaporine Co., 216 B. W. Kinsie, Chicago, Ill. "Bulldog Gripper"

**CLAMPS, "C"**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen," "Mark," "Pony"  
 Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Batavia Clamp Co., Batavia, N. Y. "Colts"  
 Belden Mach. Co., New Haven, Conn. "Bel-den"  
 Billings & Spencer Co., Hartford, Conn. "Triangle B"  
 Black Bros. Co., Inc., Mendota, Ill.  
 Brink & Cottor Mfg. Co., 62 Cherry, Bridgeport, Conn. "B. & C."  
 Brownie Mfg. Co., Inc., Ft. Wayne, Ind. "Economy"  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"

Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.

Eberhard Mfg. Co. Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S.E., Cleveland, O.  
 Ekstrom, Carlson & Co., Rockford, Ill.  
 General Hdw. Co., Milwaukee, Wis.  
 Grand Specialties Co., 8101 W. Grand Av., Chicago, Ill. "Grand Avia"  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Malleable Iron Fittings Co., Branford, Conn. "M. I. F. Co."  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Pratt (Wm. F.) Mfg. Co., Joliet, Ill.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Ecoco"  
 Western Hardware & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Bulldog"  
 Western Tool & Mfg. Co., Springfield, O.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Agrippa," "Body-Builders," "Light Service," "Vulcan"

**CLAMPS, Cabinet Makers'**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen" (Steel Spindle), "Little Giant," "Mark," "Peerless," "Pony"  
 Batavia Clamp Co., Batavia, N. Y. "Colts"  
 Black Bros. Co., Inc., Mendota, Ill.  
 Christiansen, C., 2814 W. 26th, Chicago, Ill.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Dayton Malleable Iron Co., Dayton, O.  
 Eberhard Mfg. Co. Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S.E., Cleveland, O.  
 Ekstrom, Carlson & Co., Rockford, Ill.  
 Grand Specialties Co., 8101 W. Grand Av., Chicago, Ill. "Grand Avia"  
 Handy Mfg. Co., 29 E. Madison, Chicago, Ill.  
 Hartford Clamp Co., East Hartford, Conn.  
 Knape & Vogt Mfg. Co., Grand Rapids, Mich. "Handy"  
 Narragansett Mach. Co., Providence, R. I.  
 Palmer (A. E.) & Sons, Owosso, Mich.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Sargent & Co., New Haven, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Weber-Knapp Co., Jamestown, N. Y. "Dandy"  
 Wetzler Clamp Co., 9 Jackson Av., Long Island City, N. Y. "Universal"

**CLAMPS, Cable**

Ceco Corp., 1819 B'way, New York, N. Y. "Grip Tite"  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Diamond Expansion Bolt Co., 48 W. B'way, New York, N. Y.  
 Ideal Clamp Mfg. Co., 200 Bradford, B'klyn, N. Y.  
 Matthews (W. N.) Corp., St. Louis, Mo.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Ney Mfg. Co., Canton, O.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Stanley Works, New Britain, Conn. (Aircraft)  
 Star Expansion Bolt Co., 147 Cedar, New York, N. Y. "Sebeco"  
 Starline, Inc., Harvard, Ill.  
 Steel City Electric Co., Pittsburgh, Pa. "Marchand"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wrigley (Thos.) Co., Chicago, Ill. "Ahlander"

**CLAMPS, Carpenters'**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen" (Steel Spindle), "Little Giant," "Mark," "Peerless," "Pony"  
 Batavia Clamp Co., Batavia, N. Y. "Colts"  
 Belden Mach. Co., New Haven, Conn. "Bel-den"  
 Billings & Spencer Co., Hartford, Conn.  
 Black Bros. Co., Inc., Mendota, Ill.  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Brownie Mfg. Co., Inc., Ft. Wayne, Ind. "Economy"  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Eberhard Mfg. Co. Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S.E., Cleveland, O.  
 Grand Specialties Co., 8101 W. Grand Av., Chicago, Ill. "Grand Avia"  
 Hartford Clamp Co., East Hartford, Conn.  
 Malleable Iron Fittings Co., 10 Nichols, Branford, Conn.  
 Narragansett Mach. Co., Providence, R. I.  
 Nevel Mfg. Co., Kansas City, Mo.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Starrett (L. S.) Co., Athol, Mass.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Ecoco"  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Syracuse Stamping Co., Inc., Syracuse, N. Y. "Syraco"  
 Taylor (Jas. L.) Mfg. Co., 108 Parker Av., Poughkeepsie, N. Y. "Taylor"  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn. (Ship)

**CLAMPS, Carriagemakers'**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen," "Mark," "Snow Pattern"  
 Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Batavia Clamp Co., Batavia, N. Y.  
 Black Bros. Co., Inc., Mendota, Ill.  
 Brownie Mfg. Co., Inc., Ft. Wayne, Ind.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Eberhard Mfg. Co. Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S.E., Cleveland, O.  
 Grand Specialties Co., 8101 W. Grand Av., Chicago, Ill. "Grand Avia"

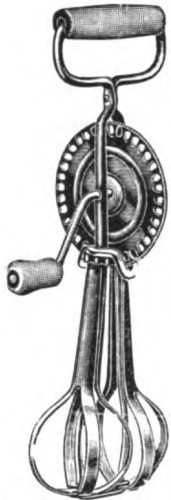
# Edlund

## KITCHEN TOOLS



MODERN and EFFICIENT — THEY SELL ON SIGHT

The name EDLUND is a "Buy-word" for *Modern Kitchen Tools*. Their reputation for quality and efficient service makes sales as soon as shown. Dealers appreciate the complete satisfaction they give and their rapid, money-making turnover. Easy to sell because nationally known from coast to coast. Approved by Good Housekeeping Institute. Every EDLUND Tool is guaranteed.



### EGG BEATERS

- No. 5, retails 25¢  
Surprisingly rugged and durable.
- No. 3, retails 50¢  
Now made with Stainless Beating Blades. Full size.
- No. 2, retails 75¢  
Special easy clean design. Stainless.
- No. 1, retails \$1.00  
Stainless, Colored Plastic Handles.
- No. 0, retails \$1.00  
Heavy duty size for heavy duty use. Stainless.



### JAR OPENER

Retails 20¢

Known as Top Off, this handy kitchen tool opens screw type covers and tops on jars and covers almost instantly. Once tried, no housewife will want to be without it. Adjusts to open large or small caps.

### POPULAR EDLUND CAN OPENERS

What dealer couldn't sell EDLUND Household Can Openers guaranteed for five years? They open all cans quickly, safely and easily. Thousands of dealers have made the EDLUND Junior No. 5 their leader. Nearly 2,000,000 satisfied users. This outstanding 50 cent seller is strongly made and attractively finished in bright nickel. The colored wooden handles harmonize with modern kitchens. Packed assorted as desired, with green, red, blue and ivory handles. Also Wall and Table styles described below.



EDLUND JUNIOR

Retails 50¢  
No. 5 SIZE

No. 4W Wall attached

No. 4T Table attached

Larger sizes for hotels, restaurants and commercial kitchens are the

No. 1 Heavy Duty  
Retails \$11.00

No. 2 Regular Hotel Model, retails \$5.50

No. 3 Intermediate size  
retails \$2.50

### FAMOUS EDLUND LINE OF EGG BEATERS

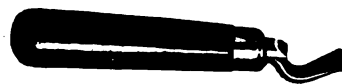
A complete line to retail profitably at 25 cents to \$1.00 each. The EDLUND is the housewives favorite because it "BEATS" perfectly. No. 3 (NEW) now made with Stainless Steel Double Beating Blades (our largest seller). Highest speed, smooth, easy action, rugged construction with Slip Proof Gears. Note descriptions opposite of other styles and sizes.

### EDLUND CAN OPENERS FOR INSTITUTIONAL USE—

Made also in commercial sizes, larger and heavier for Hotels, Restaurants, Institutional use, etc. Note models and prices shown at right, above. There is a constant demand for these modern, commercial sizes.

### EDLUND JAR OPENER

This New Low Price Screw Top Jar Opener is so attractive it looks twice the cost. Note description below at left. Packed individually with descriptive display jacket.



### CAP REMOVERS Retail 10¢

This handy device removes all bottle caps, as well as anchor-type and press-on jar covers, etc. Metal parts are bright nickel plated steel with wood handles in green, red, blue or yellow. Mounted on individual sales cards. No. 10 retails at 10¢. No. 25 DeLuxe Model same as No. 10 except with molded plastic handle and burnished stainless steel.

Ask your Jobber  
or write for Catalog



### POPULAR NO. 4 HOUSEHOLD SIZE

This fast selling EDLUND Can Opener is made in two styles—Wall Attached Style and Table Attached Style. Bracket on Wall Style made in 2 parts—so that opener may be completely removed. Table Bracket Style may be fastened temporarily or permanently with thumbscrew clamp.

**EDLUND COMPANY, BURLINGTON, VERMONT**

Mention Hardware Age When Writing

**CLAMPS, Carriage makers' (Continued)**

Malleable Iron Fittings Co., 10 Nichols, Branford, Conn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Sargent & Co., New Haven, Conn.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escro"  
 Taylor (Jas. L.) Mfg. Co., 108 Parker Av., Poughkeepsie, N. Y. "Taylor"  
 Western Hardware & Specialty Mfg. Co., 228 S. Front, Milwaukee, Wis.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y.  
 Woodruff (Walter W.) & Sons Co., Mount Carmel, Conn.

**CLAMPS, Chain, Tire**

Cancy (J. R.), Inc., 1010 W. Belden Av., Syracuse, N. Y. "Chain-On"

**CLAMPS, Curtain Stretcher—See Clamps, Frame, Quilt****CLAMPS, Flooring**

Black Bros. Co., Inc., Mendota, Ill.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escro"

**CLAMPS, Form, Concrete**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill.  
 Batavia Clamp Co., Batavia, N. Y. "Colts"  
 Black Bros. Co., Inc., Mendota, Ill.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Facher & Hayes Rope & Steel Co., 842 W. Erie, Chicago, Ill. "Bosco"  
 M. & M. Wire Camp Co., 983 17th Av., S. E., Minneapolis, Minn. "McMillan"  
 Nerval Mfg. Co., Kansas City, Mo.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Wrigley (Thos.) Co., 609 W. Lake, Chicago, Ill. "Ablander"

**CLAMPS, Frame, Quilt**

Arcade Mfg. Co., Freeport, Ill.  
 Browne Mfg. Co., Inc., Ft. Wayne, Ind.  
 Champion Hdw. Co., Geneva, O.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Franklin Tool Co., Buffalo, N. Y.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Reading Hdw. Co., Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Stanley Works, New Britain, Conn.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escro"  
 Stover Mfg. & Engine Co., Freeport, Ill. "Ideal"

**CLAMPS, Fuse Clip**

General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Ideal Commutator Dresser Co., 1049 Park Av., Syracuse, Ill.  
 Leonard Electric Mfg. Co., 8907 Perkins Av., Cleveland, O.  
 Irico Fuse Mfg. Co., Milwaukee, Wis. "Kliplok"  
 Trumbull Electric Mfg. Co., Plainville, Conn.

**CLAMPS, Ground**

Accessories Mfg. Co., 4612 N. Clark, Chicago, Ill. "3 Point"  
 Alsteel Mfg. Co., Battle Creek, Mich.  
 Austin (M. B.) Co., 116 S. Desplaines, Chicago, Ill.  
 Consolidated Wire & Associated Corp., Chicago, Ill.  
 Deal Electric Co., Inc., 388 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., Inc., 59 Mall, Bklyn., N. Y.  
 Piron (M. M.) & Son, Inc., Trenton, N. J.  
 Ideal Clamp Mfg. Co., 200 Bradford, Bklyn., N. Y.  
 Killark Electric Mfg. Co., 3940 Easton Av., St. Louis, Mo.  
 Mueller Electric Co., 1583 E. 31st, Cleveland, O. "Clam Pipe"  
 Porcelain Products, Inc., Findlay, O.  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Swan-Haverstick, Inc., Trenton, N. J.

**CLAMPS, Guy—See Clamps, Cable****CLAMPS, and FIXTURES, Hay Rack**

Allith-Prouty, Inc., Danville, Ill.  
 Cheek Bros. Mfg. Co., Clutier, Ia. "E-Z Way"  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Loudon Mch. Co., Fairfield, Ia.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Standard," "Take-Down," "Wenselmann"  
 Ney Mfg. Co., Canton, O.  
 Starline, Inc., Harvard, Ill.  
 Wagner Mfg. Co., Cedar Falls, Ia.

**CLAMPS, Harness Stitching**

Stearns (E. C.) & Co., Syracuse, N. Y.

**CLAMPS, Hose**

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill. "Bull Dog," "Caldwell"  
 Alsteel Mfg. Co., Battle Creek, Mich.  
 American Stamping Co., Battle Creek, Mich.

Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 Ceco Corp., 1819 B'way, New York, N. Y. "Evry-size," "Grip Tite"  
 Clancy (J. R.), Inc., Syracuse, N. Y. "Sure-Grip"  
 Edelmann (E.) & Co., Chicago, Ill.  
 Erco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill. "Grip-Tight"  
 Everhot Mfg. Co., Flothow & St. Charles, Maywood, Ill.  
 Federal Tin Co., Baltimore, Md.  
 Harrisburg Stamping Co., Harrisburg Pa. "Lightning"  
 Hose Accessories Co., 1715 W. Lehigh Av., Phila., Pa.  
 Hose Stayput Tool Co., Denver, Col. "Stayput"  
 Ideal Clamp Mfg. Co., 200 Bradford, B'klyn., N. Y. "Efficiency," "Fitsall"  
 Jubilee Mfg. Co., Omaha, Neb. "Jubilee Worm Drive"  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Knox Mfg. Co., Phila., Pa.  
 Liberty Engineering Corp., Mt. Vernon, N. Y. "Wrap Lock"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Schrader's (A.) Son, Div. of Scovill Mfg. Co., Inc., 470 Vanderbilt Av., B'klyn., N. Y.  
 Schartow Iron Products Co., Racine, Wis. "Cross-Over"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Stevens Walden, Inc., Worcester, Mass.  
 Surelock Lawn Hose Coupler Co., 10th & Douglas, Omaha, Neb. "Surelock"  
 United States Rubber Co., 1230 6th Av., New York, N. Y.  
 United Steel & Wire Co., Battle Creek, Mich. "Double Tight"  
 Walworth Mfg. Co., 60 E. 42nd, New York, N. Y.  
 Wittek Mfg. Co., 4307 W. 24th Place, Chicago, Ill. "Noc-Out"  
 Wolverine Brass Wks., Grand Rapids, Mich.  
 Yerdon, Wm. (Est.) Fort Plain, N. Y.

**CLAMPS, Machinists'**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen," "Mark"  
 Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Belden Mach. Co., New Haven, Conn. "Bel-den"  
 Billings & Spencer Co., Hartford, Conn. "Triangle B"  
 Black Bros. Co., Inc., Mendota, Ill.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Eberhard Mfg. Co. Div. Eastern Malleable Iron Co., 2784 Tennyson Rd., S.E., Cleveland, O.  
 Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill. "Grand Avia"  
 Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
 Le Count (W. G.) Tool Wks., South Norwalk, Conn.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Starrett (L. S.) Co., Athol, Mass.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Tallman Mfg. Co., Shelbyville, Ill. "Quick Change," "Richtal"  
 Taylor (Jas. L.) Mfg. Co., 108 Parker Av., Poughkeepsie, N. Y. "Taylor"  
 Union Tool Co., Orange, Mass.  
 Western Tool & Mfg. Co., Springfield, O.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan"

**CLAMPS, Mitre**

Batavia Clamp Co., Batavia, N. Y. "Colts"  
 Black Bros. Co., Inc., Mendota, Ill.  
 Handy Mfg. Co., Chicago, Ill.  
 Taylor (Jas. L.) Mfg. Co., 108 Parker Av., Poughkeepsie, N. Y. "Taylor"

**CLAMPS, Piano Makers—See Clamps, Cabinet Makers'****CLAMPS, Pipe**

Adalat Manufacturing Co., 1448 E. 49th, Cleveland, O.  
 Black Bros. Co., Inc., Mendota, Ill.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Chelsea Metal Stamping Co., 95 8th Av., New York, N. Y. "Clamp-A-Leak"  
 Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av., Cincinnati, O.  
 Dresser (S. R.) Mfg. Co., Bradford, Pa.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill. "Grand Avia"  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn., N. Y.  
 Ludlow Stamping & Fabricated Steel Co., Phila., Pa. "Kass" (Repair)  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Skinner (M. B.) Co., South Bend, Ind.  
 Smooth-On Mfg. Co., 570 Communipaw Av., Jersey City, N. J.  
 United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan"

**CLAMPS, Repair, Lawn Mower**

Collet, A. M., 19 N. W. Miami Court, Miami, Fla. "Missing Link"

**CLAMPS, Rope, Manila**

Heartley Machine & Tool Co., 900 Summit, Toledo, O. "Heartley Hold Fast"  
 Thomas Mfg. Co., Cedar Rapids, Ia.

**CLAMPS, Saw**

Atkins (E. C.) & Co., Indianapolis, Ind. "A. A. A." Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Crescent Mach. Co., Leetonia, O.  
 Dikeman Mfg. Co., Norwalk, Conn.  
 Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Franklin Tool Co., Buffalo, N. Y.  
 Gustafson & Scott Mfg. Co., 4325 Wabansia Av., Chicago, Ill. "Climax"  
 Lodi Mfg. Co., 615 N. Church, Lodi, Cal. "Lodi"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Reading Hdw. Co., Reading, Pa.  
 Simonds Saw & Steel Co., Fitchburg, Mass.

**CLAMPS, Screw**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen," "Little Giant," "Mark," "Peerless," "Pony"  
 Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Batavia Clamp Co., Batavia, N. Y. "Colts"  
 Black Bros. Co., Inc., Mendota, Ill.  
 Browne Mfg. Co., Inc., Ft. Wayne, Ind.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Dayton Malleable Iron Co., Dayton, O.  
 Eberhard Mfg. Co. Div. Eastern Malleable Iron Co., 2784 Tennyson Rd., S.E., Cleveland, O.  
 Fleming (J. P.), Inc., Worcester, Mass. "Flemco"  
 Grafton Metal Products Co., Worcester, Mass.  
 Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill. "Grand Avia"  
 Handy Mfg. Co., Chicago, Ill.  
 Hartford Clamp Co., East Hartford, Conn.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Malleable Iron Fittings Co., Branford, Conn. "M. I. F. Co."  
 Narragansett Machine Co., Providence, R. I.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escro"  
 Western Hdw. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Buildog"  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
 Woodruff (Walter W.) & Sons Co., Mt. Carmel, Conn.

**CLAMPS, Steel Bar**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen," "Pony"  
 Black Bros. Co., Inc., Mendota, Ill.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Hartford Clamp Co., East Hartford, Conn.  
 Narragansett Machine Co., Providence, R. I.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escro"  
 Syracuse Stamping Co., Inc., Syracuse, N. Y. "Syraco"  
 Taylor (Jas. L.) Mfg. Co., 108 Parker Av., Poughkeepsie, N. Y. "Taylor"  
 Wetzler Clamp Co., 9 Jackson Av., Long Island City, N. Y.

**CLAMPS, Strap**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Billings & Spencer Co., Hartford, Conn.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan"

**CLAMPS, Test**

Trico Fuse Mfg. Co., Milwaukee, Wis. "Kliplok"

**CLAMPS, Toolmakers'**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 Lufkin Rule Co., Saginaw, Mich.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Starrett (L. S.) Co., Athol, Mass.

**CLAMPS, Woodworkers'**

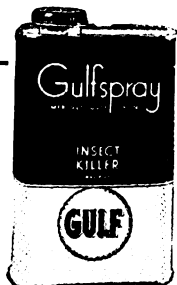
Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen" (Steel Spindle), "Little Giant," "Mark," "Peerless," "Pony"  
 Batavia Clamp Co., Batavia, N. Y. "Colts"  
 Billings & Spencer Co., Hartford, Conn.  
 Black Bros. Co., Inc., Mendota, Ill.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Dayton Malleable Iron Co., Dayton, O.  
 Eberhard Mfg. Co. Div. Eastern Malleable Iron Co., 2784 Tennyson Rd., S.E., Cleveland, O.  
 Franklin Tool Co., Buffalo, N. Y.  
 Hartford Clamp Co., East Hartford, Conn.  
 Narragansett Mach. Co., Providence, R. I.  
 Palmer (A. E.) & Sons, Owosso, Mich.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Starrett (L. S.) Co., Athol, Mass.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escro"



# THOUSANDS OF HARDWARE MERCHANTS MAKE EXTRA MONEY ON THESE HOUSEHOLD NECESSITIES! DO YOU?

## GULFSPRAY INSECT KILLER

Gulfspray is a quick-acting, sure killer of flies, mosquitoes, moths, roaches and many other insects. It won't stain, imparts no odor or taste to food, and leaves no after-odor. Also kills garden insects without harm to plants when sprayed as directed. Advertised over more than 150 radio stations with twice-weekly programs for 16 weeks in 1940 season. Also supported by general advertising and plenty of effective point-of-sale display material.



Advertised retail prices:  
6-oz. Trial Size, 10c  
Pint, 25c  
Quart, 45c  
Gallon, \$1.49

## GULF ELECTRIC-MOTOR OIL

This is a fine quality oil made especially for electric refrigerators, washers, and other motor-driven appliances—has a tremendous market. Refined by the famous Alchlor Process.



Advertised retail prices:  
2-oz. can, 10c  
Half pint, 25c  
Gallon, \$1.75

## GULFOIL

An excellent household oil for sewing machines, bikes, roller skates, guns, reels, locks, hinges, and many other small mechanisms. Widely known — millions of cans already in use. Alchlor Processed.



Advertised retail prices:  
2-oz. can, 10c  
4-oz. can, 15c  
Gallon, \$1.10

## GULF PENETRATING OIL

This is a special oil containing colloidal graphite, which cuts rust and kills squeaks like magic. Ideal for de-squeaking auto springs, hinges and locks—for loosening rusted nuts and couplings—for fixing corroded toilet plungers.



Advertised retail prices:  
2-oz. can, 10c  
Half pint, 25c  
Gallon, \$1.65

## GULF LUSTERTONE REJUVENATOR AND PRESERVER

Gulf Lustertone Rejuvenator removes traffic film, grease, and decomposed paint, restoring original appearance rapidly and without harsh action. Gulf Lustertone Preserver brings a long-lasting high luster to the cleaned surface of automobiles.



Advertised retail prices:

**REJUVENATOR**  
1 pt. 40c  
1 gal. \$2.25  
**PRESERVER**  
8 oz. 40c

## GULF SPOT REMOVER (AND LIGHTER FLUID)

Gulf Spot Remover whisks out dirt and grease spots from suits, dresses, neckties, gloves, upholstery, fabrics, and leather goods. It is also an excellent fluid for cigarette lighters.



Advertised retail prices:  
2-oz. can, 10c  
4-oz. can, 15c

## GULF GLEAM FINE FURNITURE POLISH

It cleans as it polishes—and restores and protects the finish on furniture, floors, woodwork and all painted and varnished surfaces (wood or metal).



Advertised retail prices:  
Half pint, 25c  
Gallon, \$1.25

## GULFWAX

Gulfwax is a superior grade of paraffine, excellent for sealing jellies and preserves, for washing, ironing, for sealing open cans of paint, etc.

Advertised retail prices:  
1/4 pound carton, 5c  
4 1/4 pound cartons, 15c



For further information on these high quality products, write

GULF OIL CORP - GULF REFINING CO.  
Petroleum Specialties Division  
Gulf Building, Pittsburgh, Pa.



**LAMPS, Woodworkers' (Continued)**

aylor (James L.) Mfg. Co., 108 Parker Av.,  
Poughkeepsie, N. Y. "Taylor"  
etzer Clamp Co., 9 Jackson Av., Long Island  
City, N. Y.  
Williams (J. H.) & Co., 225 Lafayette, New York,  
N. Y.  
odruff (Walter W.) & Sons Co., Mount Carmel,  
Conn. "Eagle," "Mount Carmel"

**LASPS, Nail**

me Steel Co., Chicago, Ill.  
bb & Drew, Inc., Plymouth, Mass.  
lland Mfg. Co., Baltimore, Md.  
gnode Steel Strapping Co., 2635 N. Western Av.,  
Chicago, Ill. "Apex"

**LAW BARS**—See Bars, Claw

**LAW HAMMERS**—See Hammers, Nail, Forged  
Steel; Also Cast Iron & Semi-Steel

**LAWS and GRABS, Nail**

se (Chas.) Co., 49-14 Metropolitan Av., B'klyn,  
N. Y.  
urgent & Co., New Haven, Conn.

**LAWS and PULLERS, Tack**

arcalo Mfg. Co., Louisiana & Nelson, Buffalo,  
N. Y.  
he Mfg. Co., Milldale, Conn.  
dd Bros., Inc., 4336 Orchard, Phila., Pa.  
adson (William), Inc., 36 Brenner, Newark, N. J.  
illers Falls Co., Greenfield, Mass.  
urgent & Co., New Haven, Conn.  
y (L. A.) Co., 352 Mulberry, Newark, N. J.  
tanley Tools Div. Stanley Works, New Britain,  
Conn.

ashburn Company, Worcester, Mass.

Williams (A. C.) Co., Ravenna, O.

**LAY BIRDS**—See Pigeons, Clay

**LAY TARGETS**—See Targets, Clay

**LAY, STOVE**—See Linings, Plastic, Stove &  
Furnace

**LAY PIGEONS**—See Pigeons, Clay

**LEANERS, Brush, Paint, Electric**

ashway Mfg. Co., 310 Sharp Bldg., Lincoln, Nebr.  
"Nashway"  
mith (Landon P.), Inc., 130 Coit, Irvington, N. J.  
"Red Devil"

**LEANERS, Carpet and Rug**

merican Products Co., 3265 Colerain Av., Cincin-  
nati, O. "Veeco"  
artley (John T.) & Co., Beaver Falls, Pa. "Per-  
fection"  
oyle (A. S.) Co., Div. American Home Products  
Corp., 257 Cornelson Av., Jersey City, N. J. "Old  
English"  
almers Chemical Co., 123 Chestnut, Newark,  
N. J.  
hemical Supply Co., 2450 Canal Rd., Cleveland, O.  
ommercial Products Co., 2618 Hampshire Rd.,  
Cleveland Heights, O. "Alota"  
us-it Products Co., Minneapolis, Minn. "Dus-It"  
ash Chemical Co., Cambridge, Mass.  
& H. Cleaner Co., Inc., 134 E. Locust, Des  
Moines, Ia. "H. & H."  
ockley Products Co., 509 Fifth Av., New York,  
N. Y.  
okofom Sales Corp., 642 N. 8th, Milwaukee, Wis.  
"Kotofofom"  
aison Products, Inc., 80 York, B'klyn, N. Y.  
"Penetone"  
avo Co. of America, 800 N. 7th, Milwaukee, Wis.  
"Lavo"  
urphy-Phoenix Co., 9505 Cassius Av., Cleveland, O.  
"Murphy's"  
ystic Foam Corp., 6607 Carnegie Av., Cleveland, O.  
"Mystic"  
-O-Cedar Corp., 4501 S. Western Av., Chicago, Ill.  
"O-Cedar"  
ine (Morton S.) Co., Caxton Bldg., Cleveland, O.  
"Days"  
our-Nu, Inc., 158 W. 22nd, New York, N. Y.  
"Skour-Nu"  
olvet Products Co., 340 W. 39th, New York, N. Y.  
prazit Products Co., 907 Jefferson Av., Toledo, O.  
"Sprazit"  
stem Products Co., 539 E. 61st, Chicago, Ill.  
"Kleen-Rite"  
xply Co., Inc., Somerville, N. J.  
nele Sam Chemical Co., Inc., 329 E. 29th, New  
York, N. Y.  
aporine Co., 216 B. W. Kinzie, Chicago, Ill.  
"Erie," "Sparkle"  
enzelmann Chemical Wks., Galesburg, Ill.  
hisk Co. of N. Y., Inc., 801 Greenwich, New  
York, N. Y. "Whisk"  
iggins Chemical Co., Inc., Cincinnati, O. "Wigg's"

**LEANERS, Closet Bowl**

lien (L. B.) Co., Inc., 6719-33 Bryn Mawr Av.,  
Chicago, Ill. "Sparkle"  
ll-Nu Products Co., Camden, N. J. "Speed"  
merican Products Co., 3265 Colerain Av., Cin-  
cinnati, O. "Veeco"  
oyer Chemical Laboratory Co., Inc., Chicago, Ill.  
"3 B"  
hamberlain-Haber Chemical Co., Cleveland, O.  
"Presto"

Chemical Supply Co., 2450 Canal Rd., Cleveland, O.  
Cooper Sanitary Mfg. Co., Phila., Pa. "s-C"  
Desolve Mfg. Co., 31 Terminal Way, Pittsburgh, Pa.  
"Kloset-Klean"  
Economy Plumber Co., 39 Lispenard, New York,  
N. Y. "Economy Plumber"  
Expello Corp., Dover, N. H. "Vanish"  
Hygienic Products Co., Canton, O. "Sani-Flush"  
Midway Chemical Co. Div. American Home Pro-  
ducts Corp., 257 Cornelson Av., Jersey City, N. J.  
"Radiant," "Wizard"  
Sunshine (John) Chemical Co., Inc., 604 W. Lake,  
Chicago, Ill. "Mitee"

**CLEANERS, COMPOUNDS, Window**—See Com-  
pounds, Window Cleaning

**CLEANERS, Drain, Mechanical**

Drainflex, 26 Shear, Binghamton, N. Y. "Drain-  
flex"  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
"Dumaco"  
Empire State Drain Cleaner Corp., Empire State  
Bldg., New York, N. Y.  
Jiffy Electric Co., Inc., Hazel Park Station, Royal  
Oak, Mich. "Drainalator"  
Sanger Steel Products, Park Ridge, Ill. "Sanger"  
Sev Products, Inc., 2002 Rand Bldg., Buffalo, N. Y.  
"Whirlpool Water Pressure"

**CLEANERS, Drain Pipe and Trap**

Acme Oil Wks., Phila., Pa. "Pyro"  
Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av.,  
Chicago, Ill. "Drain Kleen"  
All-Nu Products Co., Camden, N. J. "Speed"  
American Products Co., 3265 Colerain Av., Cincin-  
nati, O. "Veeco"  
Babbitt, B. T., 386 Fourth Av., New York, N. Y. "Red  
Devil"  
Blue Seal Chemical Co., Roselle, N. J.  
Boyer Chemical Laboratory Co., Inc., Chicago, Ill.  
"3 B"  
Chamberlain Haber Chemical Co., Cleveland, O.  
"Presto"  
Chemical Supply Co., 2450 Canal Rd., Cleveland, O.  
Connors (Wm.) Paint Mfg. Co., Camden, N. J.  
"American Seal"  
Dolge (C. B.) Co., Westport, Conn. "Tink"  
Desolve Mfg. Co., 31 Terminal Way, Pittsburgh, Pa.  
"Desolve," "No-Fume"  
Drackett Co., 5020 Spring Grove Av., Cincinnati, O.  
"Drano"  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
"Little Wonder"  
Economy Plumber Co., 39 Lispenard, New York,  
N. Y. "Economy Plumber"  
Goulard Polena, Inc., 140 Liberty, New York, N. Y.  
"Go-Drain"  
House (Chas. F.) Mfg. Co., Inc., Omaha, Neb.  
International Plumbing Mfg. Co., Inc., 45 Murray,  
New York, N. Y. "Universal"  
Kleen Chemical Co., 235 W. Wyoming Av., Phila.,  
Pa. "Kleen-A-Drain"  
Meinhardt (J. A.) & Co., 440 N. Halsted, Chicago,  
Ill.  
National Metal Products Co., Waterloo, Ia. "Air-  
shot"  
Reade (Morris B.) Inc., 126 Ralph, Belleville, N. J.  
"Removo"  
San-Equip, Inc., E. Brighton & Glen Avs, Syra-  
cuse, N. Y. "San"  
Sexauer (J. A.) Mfg. Co., 2503 3rd Av., New York,  
N. Y. "Mule Kick"  
Sunshine (John) Chemical Co., Inc., 604 W. Lake,  
Chicago, Ill. "Cannibal," "Mitee"  
West Disinfecting Co., 16 Barn, Long Island City,  
N. Y. "Klen-so"

**CLEANERS, Drain, Tile**

Iwan Bros., South Bend, Ind. "Champion"  
**CLEANERS, DRY**—See Compounds, Dry Cleaning

**CLEANERS, Egg**

Fisher Mfg. Co., Rochester, N. H.  
National Poultry Equipment Co., 9800 Purcell Av.,  
Seattle, Wash.  
Perfect Egg Cleaner Co., Montoursville, Pa.  
Toolcraft Corp., 1032 W. Fulton, Chicago, Ill.

**CLEANERS, File**

Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
"Hargrave"  
Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Knudson, E. C. (H. H. Munger), 40 S. Clinton,  
Chicago, Ill. "Colton's"  
Lutz File & Tool Co., Cincinnati, O.  
Nicholson File Co., Providence, R. I. "Nicholson"  
(cards and brushes)  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
"Osborn"  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Rinn (Albert E.) Co., Allentown, Pa.  
Tragle Mfg. Co., Inc., Reading, Pa. "I X I"  
Troy File Works, Troy, N. Y. "Troy-Best"  
Watson-Williams Mfg. Co., Leicester, Mass.

**CLEANERS, Floor, Hardwood**

Absorene Mfg. Co., St. Louis, Mo. "Zev"  
Acme White Lead & Color Wks., Detroit, Mich.  
"Lin-x"  
Boyle (A. S.) Co., Div. American Home Products  
Corp., 257 Cornelson Av., Jersey City, N. J.  
"Salamine"

Cardex Mfg. Co., Arlington Station, Baltimore, Md.  
"Cardex"  
Cleveland Cleaner & Paste Co., 7275 Neville Av.,  
S. W., Cleveland, O. "Electric Paint Cleaner,"  
"Painters' Friend"  
Dormeyer (A. F.) Mfg. Co., 4316 N. Kilpatrick Av.,  
Chicago, Ill. "Dormeyer"  
Dri-Brite, Inc., 4443 Cook Av., St. Louis, Mo.  
Dus-It Products Co., Minneapolis, Minn. "Dus-It"  
Economics Laboratory, Inc., 914 Guardian Bldg.,  
St. Paul, Minn. "Soilax"  
Ford Roofing Products Co., 111 W. Washington,  
Chicago, Ill.  
Kleen Chemical Co., 235 W. Wyoming Av., Phila.,  
Pa. "Kleen & Bleach"  
La Maison Products, Inc., 80 York, B'klyn, N. Y.  
"Penetone"  
Lavo Co. of America, 800 N. 7th, Milwaukee, Wis.  
"Mirifick"  
Murphy-Phoenix Co., 9505 Cassius Av., Cleveland, O.  
"Murphy's"  
Pine (Morton S.) Co., Caxton Bldg., Cleveland, O.  
"Days"  
Pittsburgh Plate Glass Co., Paint Div., Grant Bldg.,  
Pittsburgh, Pa. "Pittsburgh"  
Premier Chemical Co., Cleveland, O. "Norbo"  
Pretone Co., Camden, N. J. "Pretone"  
Quality Mfg. Co., Inc., Woburn, Mass.  
Schalk Chemical Co., 357 E. Second, Los Angeles,  
Cal. "Double X"  
Sheffield Bronze Powder & Stencil Co., 12405 Euclid  
Av., Cleveland, O. "Three Star"  
Snyder (Wm. J.), Cleveland, O.  
Staples (H. F.) & Co., Inc., 33 Ship Av., Medford,  
Mass. "Sta Klean"  
Tammis Silica Co., 228 N. La Salle, Chicago, Ill.  
"R. C. B."  
United Gilsonite Laboratories, Scranton, Pa. "Mex"  
Vaporine Co., 216 B. W. Kinzie, Chicago, Ill.  
"Jaco"  
Ward Chemical & Mfg. Co., Inc., 53 Park Pl.,  
New York, N. Y. "Mulsite"  
Wiggins Chemical Co., Inc., Cincinnati, O. "Wigg's"

**CLEANERS, Gun**

(See also Brushes, Gun; also Rods, Cleaning,  
Gun and Rifle)

Chamberlain Target & Trap Wks., of Remington  
Arms Co., Inc., Bridgeport, Conn.  
Hoppe (Frank A.), Inc., 2814-H. N. 8th, Phila., Pa.  
"Nitro Powder Solvent No. 9"  
Houghton (E. F.) & Co., Phila., Pa.  
Many-Use Oil Corp., Athol, Mass.  
Marble Arms & Mfg. Co., 540 Delta Av., Gladstone,  
Mich. "Marble's"  
Middleton, Basil, Culver, Ind. "Solvol"  
National Target & Supply Co., 1255 25th, N. W.,  
Washington, D. C.  
Remington Arms Co., Inc., Bridgeport, Conn. "Rem-  
ington Powder Solvent," "Remington Rust Re-  
mover"  
Union Hdw. Co., Torrington, Conn.  
Winchester Repeating Arms Co., New Haven, Conn.  
"Winchester"

**CLEANERS, Linoleum**

Absorene Mfg. Co., St. Louis, Mo. "HRH"  
Acme White Lead & Color Wks., Detroit, Mich.  
"Lin-x"  
Bartley (John T.) & Co., Beaver Falls, Pa. "Per-  
fection"  
Boyle (A. S.) Co., Div. American Home Products  
Corp., 257 Cornelson Av., Jersey City, N. J. "Old  
English," "Salamine"  
Cleveland Cleaner & Paste Co., 7275 Neville, S. W.,  
Cleveland, O. "Painters' Friend"  
Economics Laboratory, Inc., 914 Guardian Bldg.,  
St. Paul, Minn. "Soilax"  
Lavo Co. of America, 800 N. 7th, Milwaukee, Wis.  
"Linowyper"  
Masury-Young Co., Charlestown, Mass. "Myco-  
Gloss"  
Murphy-Phoenix Co., 9505 Cassius Av., Cleveland,  
O. "Murphy's"  
Omar Products Co., 1374 E. Hudson, Columbus, O.  
"Omar"  
Pretone Co., Camden, N. J. "Pretone"  
Staples (H. F.) & Co., Inc., 33 Ship Av., Medford,  
Mass. "Sta Klean"  
Tammis Silica Co., 228 N. La Salle, Chicago, Ill.  
"R. C. B."  
Vaporine Co., 216 B. W. Kinzie, Chicago, Ill.  
"Vaco"  
Ward Chemical & Mfg. Co., Inc., 53 Park Pl.,  
New York, N. Y. "Mulsite"  
Wiggins Chemical Co., Inc., Cincinnati, O. "Wigg's"  
**CLEANERS, Marble**—See Cleaners, Porcelain, Tile  
and Marble  
**CLEANERS, Metal**—See Polishers, Metal

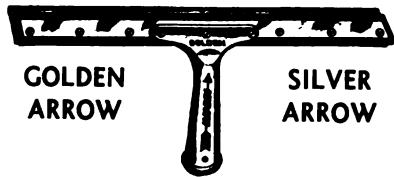
**CLEANERS, Paint Brush**

Absorene Mfg. Co., St. Louis, Mo. "Zev"  
All-Nu Products Co., Camden, N. J. "All-Nu"  
Ambassador Specialties, Inc., 6440 De Buel Av., De-  
troit, Mich. "Heart of Quality"  
Boyer Chemical Laboratory Co., 2706 Wabash Av.,  
Chicago, Ill.  
Boyle (A. S.) Co., Div. American Home Products  
Corp., 257 Cornelson Av., Jersey City, N. J.  
"Old English"  
Brush-Nu Co., 618 Hanover, Baltimore, Md. "Brush-  
Nu"  
Cleveland Cleaner & Paste Co., 7275 Neville Av.,  
S. W., Cleveland, O. "Nine-Life"

## WINDOW CLEANERS



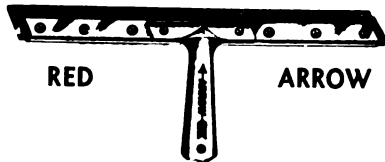
## FLOOR SCRAPERS



**GOLDEN  
ARROW**

**SILVER  
ARROW**

Two guides to new profits! Designed for professional use — constructed to withstand abuse and hard wear. **GOLDEN ARROW** made of solid brass. **SILVER ARROW** made of steel. Both styles equipped with **SUPREME WHITE SERVICE RUBBERS**, the highest quality rubber on the market.



**RED**

**ARROW**

### POPULAR—EXCEPTIONAL VALUE

Made of heavy steel with angle shaped front strip to provide additional strength. Equipped with highest quality red rubbers and brilliant red enameled handle.

Attracts new customers to whom you can feature both price and quality.



**UNIVERSAL  
ARROW**

**PEERLESS  
ARROW**

### FOR QUICK, EASY SALES

Attractive — Sturdy — Low Priced. One piece channel construction — unusually strong and durable. **UNIVERSAL ARROW** made of steel with light green enameled handle. **PEERLESS ARROW** made of solid brass.



**JUNIOR**

**ARROW**

The handiest little window cleaner on the market. Used by autoists, housewives and service station attendants everywhere.

### ARROW POLE CONNECTOR



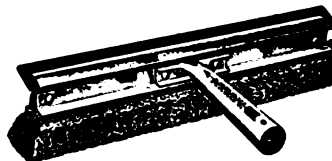
### NEW PRACTICAL COMPACT

The **ARROW POLE CONNECTOR** is a real necessity. Thousands of men washing windows compelled to carry long poles appreciate this convenience.

## FOR VOLUME SALES

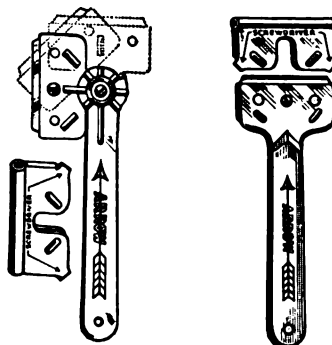
Arrow offers just what the trade wants. No other line offers the exclusive features that go with **ARROW** products, which create satisfied customers and bring a good volume of repeat business.

### THE COMBINATION ARROW



A new combination unit that offers the features of a regular window cleaner plus the advantage of a sponge rubber for washing glass. Quickly becomes a leading seller wherever shown and is a fast moving item for both dealer and jobber. Priced low for volume of sales but yields good margin of profit. Feature this unit and watch sales go up!

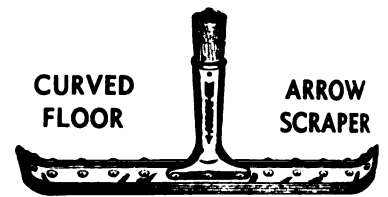
### ARROW GLASS SCRAPERS



(Adjustable)

(Regular)

Available in adjustable or straight styles. High grade steel razor blade holders that clasp razor blades securely and insure perfect scraping. Slip-over guard protects blade when not in use. Mounted on attractive display card . . . fast sellers!

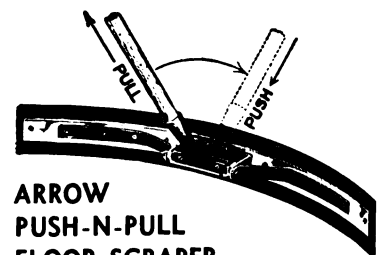


**CURVED  
FLOOR**

**ARROW  
SCRAPER**

A durable, light weight floor scraper designed for cleaning tile, marble, and linoleum floors with greater speed and efficiency.

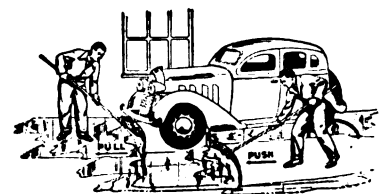
See catalog for straight and double edge floor scrapers.



**ARROW  
PUSH-N-PULL  
FLOOR SCRAPER**

### A REAL SALES PRODUCER!

Heavy duty curved floor scraper. Designed for speedy service in garages, creameries, packing houses, factories etc. Reversible—Economical—Efficient.



### ARROW Great Duty MOP STICK

A great labor saver. Mops are changed quickly and cleanly. Lighter than average mop stick, but so sturdy they assure triple service, because of their triple strength. Professionals everywhere use and praise the **ARROW**.



**GREENVIEW MANUFACTURING CO.**  
2557 GREENVIEW AVENUE — CHICAGO, U. S. A.

Write for New  
Catalog W-4  
and  
Price Lists

Mention Hardware Age When Writing



# CLEANERS, Paint Brush (Continued)

Consumers Glue Co., 33205 S. Bway., St. Louis, Mo.  
 "Daisy"  
 Day-Angley Dryer Co., Cleveland, O. "Long Life"  
 Dico Sales Co., Garwood, N. J. "Dico"  
 Double B Products Co., Inc., 60 Putnam, Hartford, Conn.  
 "Double B"  
 Dux-It Products Co., Minneapolis, Minn. "Dux-It"  
 Klen Chemical Co., 235 W. Wyoming Av., Phila., Pa.  
 Lux-Visel, Inc., Elkhart, Ind. "Lux Bones"  
 Midway Chemical Co. Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Radiant"  
 Miracle Chemical Products Co., Cleveland, O. "Miracle"  
 Norristown Asbestos Mfg. Co., 29 Lewis Wharf, Boston, Mass. "Mecco"  
 Patent Cereals Co., Geneva, N. Y. "Die-a-Doo"  
 Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Pittsburgh"  
 Premier Chemical Co., Cleveland, O. "Norbo"  
 Savogran Co., Boston, Mass.  
 Schalk Chemical Co., 357 E. Second, Los Angeles, Cal. "Savabrush"  
 Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O. "Kleen-A-Brush"  
 Sherwin-Williams Co., Cleveland, O.  
 Tamm's Silica Co., 228 N. La Salle, Chicago, Ill.  
 United Gilsomite Laboratories, Scranton, Pa. "Mex"  
 Wilson-Imperial Co., 115 Chestnut, Newark, N. J. "Imperial"  
 Wooster Brush Co., Wooster, O.

# CLEANERS, Paint and Varnish

Absorene Mfg. Co., St. Louis, Mo. "HRH"  
 Ambassador Specialties, Inc., 6440 De Buel Av., Detroit, Mich. "Tebson"  
 Bartley (John T.) & Co., Beaver Falls, Pa. "Perfection"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Samoline"  
 Brush (Thomas) Co., 40 N. 4th, Newark, N. J. "Silver Leaf"  
 Cardex Mfg. Co., Arlington Station, Baltimore, Md. "Cardex"  
 Claire Mfg. Co., 719 W. 63rd, Chicago, Ill. "Jinx"  
 Clean Products Co., 815 E. Mound, Columbus, O.  
 Cleveland Cleaner & Paste Co., 7275 Neville Av., S. W., Cleveland, O. "Painters' Friend"  
 Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Crescent"  
 Dek Products, Inc., 1611 Eastern Av., Baltimore, Md. "Daco"  
 Dri-Brite, Inc., 4443 Cook Av., St. Louis, Mo. "Dri-Brite"  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 Economics Laboratory, Inc., 914 Guardian Bldg., St. Paul, Minn. "Soilax"  
 Gidden Co., Madison Av. & Berea Rd., Cleveland, O. "Slick"  
 Kotoform Sales Corp., 642 N. 8th, Milwaukee, Wis. "Kotoform"  
 La Maison Products, Inc., 80 York, B'klyn, N. Y. "Penetone"  
 Lavo Co. of America, 300 N. 7th, Milwaukee, Wis. "Kwikclean"  
 Miner-Hillard Milling Co., Wilkes-Barre, Pa. "Jiffy"  
 Miracle Chemical Products Co., Cleveland, O. "Miracle"  
 Murphy-Phoenix Co., 9505 Cassius Av., Cleveland, O. "Murphy"  
 Mystic Foam Corp., 6607 Carnegie Av., Cleveland, O. "Mystic Zip"  
 Nu-Dell Mfg. Co., Inc., 501 W. Huron, Chicago, Ill.  
 Omar Products Co., 1874 E. Hudson, Columbus, O. "Omar"  
 Patent Cereals Co., Geneva, N. Y. "Die-a-doo"  
 Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Pittsburgh"  
 Pretone Co., Camden, N. J. "Pretone"  
 Radiant Finish Co., 612 N. Michigan Av., Chicago, Ill. "Nu-Glo"  
 Savogran Co., Boston, Mass.  
 Schalk Chemical Co., 357 E. Second, Los Angeles, Cal. "Doublex"  
 Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O. "Kleen-A-Brush"  
 Snyder (Wm. J.) Co., Cleveland, O.  
 Socony-Vacuum Oil Co., Inc., 26 Bway., New York, N. Y. "Tavern"  
 Soil-Off Mfg. Co., 1414 S. Central Av., Glendale, Cal. "Soil-Off"  
 Stakolite Co., Boston, Mass. "Re-Move-It"  
 Staples (H. F.) & Co., Inc., 33 Ship Av., Medford, Mass. "Sta Kleen"  
 Tamm's Silica Co., 228 N. La Salle, Chicago, Ill. "Kayo," "P. D. Q."  
 United Gilsomite Laboratories, Scranton, Pa. "Western Speed"  
 Vaporine Co., 216 B. W. Kinzie, Chicago, Ill. "Vaco"  
 Ward Chemical & Mfg. Co., Inc., 53 Park Pl., New York, N. Y. "Mulsite"  
 Wiggins Chemical Co., Inc., Cincinnati, O. "Wigg's"  
 Wipe-On Corp., 14 Hopkins, B'klyn, N. Y. "Wipe Kleen"  
 CLEANERS, Pipe Tools—See Augers, Closet

# CLEANERS, Porcelain, Tile and Marble

Absorene Mfg. Co., St. Louis, Mo. "HRH"  
 Babbitt, B. T., 336 Fourth Av., New York, N. Y. "Red Devil"

Bartley (John T.) & Co., Beaver Falls, Pa. "Perfection"  
 Blue Seal Chemical Co., Roseville, N. J. "De-Luxe"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Samoline"  
 Chamberlain-Haber Chemical Co., Cleveland, O. "Presto"  
 Cleansing Products Sales Co., 45 E. 17th, New York, N. Y.  
 Cleveland Cleaner & Paste Co., 7275 Neville Av., S. W., Cleveland, O. "Painters' Friend"  
 Copper-Sanitary Mfg. Co., Phila., Pa. "Kleenatub"  
 Cudahy Packing Co., Anchor Glue Div., Dept. I, Chicago, Ill. "Old Dutch"  
 Desolvo Mfg. Co., 31 Terminal Way, Pittsburgh, Pa. "Tubola"  
 Dolge (C. B.) Co., Westport, Conn. "Tile Brite"  
 Economics Laboratory, Inc., 914 Guardian Bldg., St. Paul, Minn. "Soilax"  
 Economy Plumber Co., 89 Lispenard, New York, N. Y. "Economy Plumber"  
 Grady Mfg. Co., 250 Ely Av., Long Island City, N. Y. "Grad A"  
 Lavo Co. of America, 300 N. 7th, Milwaukee, Wis. "Lavo"  
 Lusterine Mfg. Co., Inc., 10 Mason, Bridgeport, Conn. "Maestro"  
 Midway Chemical Co. Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Radiant"  
 Murphy-Phoenix Co., 9505 Cassius Av., Cleveland, O. "Murphy"  
 Pine (Morton S.) Co., Carlton Bldg., Cleveland, O. "Days"  
 Pretone Co., Camden, N. J. "Pretone"  
 Rustain Products, Inc., 722 B'way, New York, N. Y. "Zud"  
 Savogran Co., India Wharf, Boston, Mass.  
 Snyder (Wm. J.) Co., Cleveland, O.  
 Solarine Co., Eagle & Smallwood, Baltimore, Md.  
 Stakolite Co., Boston, Mass. "Re-Move-It"  
 Staples (H. F.) & Co., Inc., 33 Ship Av., Medford, Mass. "Sta Kleen"  
 Tamm's Silica Co., 228 N. La Salle, Chicago, Ill. "R. C. B."  
 United Gilsomite Laboratories, Scranton, Pa. "Glomex"  
 Vaporine Co., 216 B. W. Kinzie, Chicago, Ill. "Vaco"  
 Ward Chemical & Mfg. Co., Inc., 53 Park Pl., New York, N. Y. "Mulsite"  
 Wiggins Chemical Co., Inc., Cincinnati, O. "Wigg's"  
 CLEANERS POT, ALUMINUM—See Cleaners, Pot, Metal

# CLEANERS, Pot, Metal

(See also Sponges, Metal and Tinsel, Pads, Steel Wool Scouring)  
 American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. (Chains)  
 American Steel Wool Co., Inc., 42-24 Orchard, Long Island City, N. Y. "Abrazo," "Handi-Rolls," "Ideal"  
 Brillo Mfg. Co., 205 Water, Bklyn., N. Y.  
 De Hymel Mfg. Co., Ltd., 3440 E. Foothill Blvd., Pasadena, Cal. "Potzy"  
 Eagle Steel Wool Co., 6201 W. 65th, Chicago, Ill.  
 International Steel Wool Corp., Springfield, O. "Elephant," "Rid"  
 Metal Sponge Sales Corp., Lehigh Av. & Mascher, Phila., Pa. "Burro Brand," "Gottschalk's," "Hand-L-Mop," "Kitchen Jewel"  
 Metal Textile Corp., 4 Central Av., West Orange, N. J. "Chore Boy," "Chore Girl," "Goldyllocks," "Mystic Marvel," "Mystic Miracle," "Mystic Mop," "Silvyllocks"  
 Montgomery Co., Windsor Locks, Conn. "Kwik-Scour"  
 National Tinsel Mfg. Co., Manitowoc, Wis.  
 Roto Wool of America, 220 Fifth Av., New York, N. Y. "Select"  
 Smith (Landon P.), Inc., 130 Coit, Irvington, N. J. "Ball Devil," "Gold Devil," "Handle Devil," "Kitchen Devil," "Mop Devil," "Red Devil"  
 Springfield Metal Wool Co., 1880 Clifton Av., Springfield, O.  
 Springfield Wire & Tinsel Co., W. Springfield, Mass. "Red Head," "Scourite"  
 Tongue (R. E.) & Bros. Co., Inc., Allegheny Av. and Amber, Phila., Pa. "Panzy"  
 Whiting & Davis Co., 23 W. Bacon, Plainville, Mass. "Mesh Maid"  
 Williams Co., London, O. "Jex," "Sun Ray"  
 CLEANERS, Revolver—See Cleaners, Gun

# CLEANERS, Sidewalk

(See also Pushers, Snow)  
 American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "True-temper"  
 American Logging Tool Co., Evart, Mich.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 B. B. Specialty Co., Minneapolis, Minn. "Perfection"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kohler," "Little Giant"  
 Ely Mfg. Co., Girard, Pa.  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Iwan Bros., South Bend, Ind.  
 Rugg Mfg. Co., Greenfield, Mass.  
 S-B Mfg. Co., Milwaukee, Wis. "Walk Wizard"  
 Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.  
 Starline, Inc., Harvard, Ill.

Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Union"  
 White (L. & I. J.) Co., Division of the Simonds-Worden-White Co., Dayton, O.  
 Wirt & Knox Mfg. Co., 2340 W. York, Phila., Pa. "Lightning"

# CLEANERS, Sink

Absorene Mfg. Co., St. Louis, Mo. "HRH"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Samoline"  
 Cleveland Cleaner & Paste Co., 7275 Neville Av., S. W., Cleveland, O. "Painters' Friend"  
 Cudahy Packing Co., Anchor Glue Div., Dept. I, Chicago, Ill. "Old Dutch"  
 Savogran Co., India Wharf, Boston, Mass.

CLEANERS, Tile—See Cleaners, Porcelain, Tile and Marble

CLEANERS, Trap—See Cleaners, Drain Pipe and Trap

# CLEANERS, Upholstery

American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Old English"  
 Chalmers Chemical Co., 123 Chestnut, Newark, N. J.  
 Chemical Supply Co., 2450 Canal Rd., Cleveland, O.  
 Commercial Products Co., 2618 Hampshire Rd., Cleveland Heights, O. "Alota"  
 Dri-Brite, Inc., 4443 Cook Av., St. Louis, Mo. "Dri-Brite"  
 Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulf Spot Remover"  
 Johnson Products Co., 37 Franklin, Buffalo, N. Y.  
 Keystone Chemical Co., Inc., 5713 Euclid Av., Cleveland, O.  
 Kotoform Sales Corp., 642 N. 8th, Milwaukee, Wis. "Kotoform"  
 La Maison Products, Inc., 80 York, B'klyn, N. Y. "Penetone"  
 Lavo Co. of America, 300 N. 7th, Milwaukee, Wis. "Lavo"  
 Murphy-Phoenix Co., 9505 Cassius Av., Cleveland, O. "Murphy"  
 Mystic Foam Corp., 6607 Carnegie Av., Cleveland, O. "Mystic"  
 Nacto Cleaner Corp., 2171 Madison Av., New York, N. Y. "Nacto"  
 O-Cedar Corp., 4501 S. Western Av., Chicago, Ill. "O-Cedar"  
 Scott (L. E.) Co., Inc., Warren, R. I. "Lesso"  
 Seymour Products Co., Inc., 2416 W. Roosevelt Rd., Chicago, Ill. "See More"  
 Skour-Nu Inc., 158 W. 22nd, New York, N. Y. "Skour-Nu"  
 Soil-Off Mfg. Co., 1414 S. Central Av., Glendale, Cal. "Spratex"  
 Sprazit Products Co., 907 Jefferson Av., Toledo, O. "Sprazit"  
 System Products Co., 539 E. 61st, Chicago, Ill. "Kleen-Rite"  
 Texply Co., Inc., Somerville, N. J.  
 Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 Whisk Co. of N. Y., Inc., 801 Greenwich, New York, N. Y. "Whisk"

# CLEANERS, Vacuum, Cylinder Type, Electric

Apex Rotarex Corp., 1070 E. 152nd, Cleveland, O. "Apex Speedmaster"  
 Birtman Electric Co., 4140 Fullerton Av., Chicago, Ill. "Bee-Vac"  
 Clements Mfg. Co., 6652 S. Narragansett Ave., Chicago, Ill. "Cadillac"  
 Electrolux, Inc., 500 Fifth Av., New York, N. Y.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Geier (P. H.) Co., 540 E. 105th, Cleveland, O. "Royallaire"  
 Hamilton Beach Co., Racine, Wis. "Sanitaire"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Magic-Aire, Inc., 1734 Ivanhoe Rd., Cleveland, O. "Magic-Aire"  
 Progress Vacuum Corp., 1814 E. 40th, Cleveland, O.

# CLEANERS, Vacuum, Electric

Air-Way Electric Appliance Corp., Toledo, O.  
 Apex Rotarex Corp., 1070 E. 152nd, Cleveland, O. "Apex"  
 Birtman Electric Co., 4140 Fullerton Av., Chicago, Ill. "Bee-Vac"  
 Blackstone Corp., Jamestown, N. Y.  
 Clements Mfg. Co., 6652 S. Narragansett Ave., Chicago, Ill. "Cadillac"  
 Delco Appliance Div. General Motors Sales Corp., 425 Lyell Av., Rochester, N. Y. "Delco"  
 Electric Broom Corp., 113 W. 42nd, New York, N. Y. "Electricbroom"  
 Eureka Vacuum Cleaner Co., 6060 Hamilton Av., Detroit, Mich. "Eureka"  
 Geier (P. A.) Co., 540 E. 105th, Cleveland, O. "Royal Purifier," "Royal Super Grand"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Hamilton Beach Co., Racine, Wis.  
 Healthmor Sanitation Systems, Inc., 203 N. Wabash Av., Chicago, Ill. "Filter Queen"

# Bridgeport

TRADE MARK

## DROP-FORGED TOOLS

KNOWN FOR FIFTY YEARS



### SCREW DRIVERS

A truly complete line priced to meet every trade demand. A wide range of models for Mechanics, Carpenters, Electricians, Home Owners. New, genuine Amberlite handles; wood handles; insulated handles—in miniature, vest pocket, close quarter (stubby), and cabinet types. We provide the new Phillips type in several styles. Also the ever popular "Bridgeport" Non-Skid Point in various models at sales-making prices. There's 26 pages of screw drivers in our new catalog No. 40. Send for your copy today.

### BOX OPENING TOOLS

"Bridgeport's" box and carton opening tools satisfy every trade demand. Leaders are the famous No. 56 Sure-Grip Nail Puller; No. 20 "Unbreakable Nail Puller; "Box Terrier" Crate Openers; "Toma-hawk" combined 4 in 1 hatchet, hammer, nail puller, and chisel; "Perfection" Wood Scraper; plus numerous others. Every tool expertly made, with care in forging, hardening and tempering. Priced for popular sale. Catalog No. 40 shows the line completely. Send for it.

### GENERAL PURPOSE TOOLS

Leading sales-makers for hardware dealers such as

Amber Handle Wood Chisels	Pointing Trowels
Official Boy Scout Axes (one-piece head & handle)	Brick Trowels
"Hy-Bar" Double End Wrenches	Plastering Trowels
Drop Forged End Wrenches (thin pattern)	Putty Knives
Box Head Alloy Wrenches	Wall Scrapers
Adjustable Wrenches	Cold Chisels
Slip Joint Pliers (regular)	Nail Sets
Slip Joint Pliers (thin nose type)	Hack Saws—Klose Kut Type
	Drop Forged Tire Tools
	Drop Forged Valve Lifters
	Machinists Hammers
	Tire Hammers
	Spark Plug Wrenches
	Auto Tool Kits

Illustrated Catalog No. 40—58 pages—will show you all. Send for catalog today.

THE BRIDGEPORT HDWE. MFG. CORP. • BRIDGEPORT, CONN.

Mention Hardware Age When Writing

Digitized by Google

## CLEANERS, Vacuum, Electric (Contd.)

Child Floor Machine Co., 1813 W. Randolph, Chicago, Ill.  
Hoover Co., North Canton, O. "Hoover," "Norca"  
Kent Co., Inc., Rome, N. Y.  
Landers, Frary & Clark, New Britain, Conn. "Universal," "Universal Deluxe"  
McAllister (H. J.) Corp., 2806 N. Knox, Chicago, Ill. "Silentaire"  
One Minute Washer Co., Kellogg, Ia. "One Minute"  
Premier Div. Electric Vacuum Cleaner Co., Inc., 1734 Ivanhoe Rd., Cleveland, O. "Premier Duplex," "Premier 30," "Premier 40"  
Program Vacuum Corp., 1814 E. 40th, Cleveland, O.  
Scott & Fetzer Co., 11401 Locust Av., Cleveland, O. "Vacuette"  
Standard Vacuum Cleaner Mfg. Co., 1925 W. 115th, Cleveland, O. "Keystone"  
Sweeper-Vac Company, Worcester, Mass. "De Luxe," "Standard"  
United Electric Co., Canton, O. "Ohio-Tuec," "Tuec Sanitizer," "Tuneleo"  
Westinghouse Elec. & Mfg. Co., Mansfield, O. "Silver Special"

## CLEANERS, Vacuum, Hand, Electric

Apex Rotarex Corp., 1070 E. 152d, Cleveland, O. "Apex"  
Birman Electric Co., 4140 Fullerton Av., Chicago, Ill. "Bee-Vac"  
Blackstone Corp., Jamestown, N. Y.  
Clements Mfg. Co., 6652 S. Narragansett Av., Chicago, Ill. "Cadillac"  
Deico Appliance Div. General Motors Sales Corp., 435 Lyle Av., Rochester, N. Y. "Handy-Y Vacuumatic"  
Eureka Vacuum Cleaner Co., 6060 Hamilton Av., Detroit, Mich. "Eureka"  
Geier (P. A.) Co., 540 E. 105th, Cleveland, O. "Royalette"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Gilbert (A. C.) Co., New Haven, Conn. "Polar Cub"  
Hamilton Beach Co., Racine, Wis.  
Hoover Co., North Canton, O. "Hoover," "Norca"  
Landers, Frary & Clark, New Britain, Conn. "Universal" (with Deodorizer Attachment)  
O. K. Machine Co., Ft. Wayne, Ind. "Auto-Valet," "Wayne, Jr.," "Wayne, Sr."  
Premier Div. Electric Vacuum Cleaner Co., Inc., 1734 Ivanhoe Rd., Cleveland, O. "Premier Pic-Up," "Premier Spic-Span"  
Samson-United Corp., Rochester, N. Y. "Red Seal"  
Scott & Fetzer Co., 11401 Locust St., Cleveland, O.  
Sweeper-Vac Co., Worcester, Mass. "Handette"  
Westinghouse Elec. & Mfg. Co., Mansfield, O. "Dust Cleaner," "Hand-Cleaner"  
Whisk-Brush Vacuum Machine Co., 571 8th Av., New York, N. Y. "Little Wonder"

## CLEANERS, Vacuum, Hand, Toy

Wolverine Sup. & Mfg. Co., Pittsburgh, Pa. "Sandy Andy"

## CLEANERS, Vacuum, Rebuilt

Re-New Sweeper Co., 9591 Grand River Av., Detroit, Mich.

## CLEANERS, Vacuum, Replacement Parts

Clements Mfg. Co., 6652 So. Narragansett Av., Chicago, Ill. "Cadillac"  
Electric Sweeper Service Co., 1874 E. 18th, Cleveland, O.  
Pearson Vacuum Cleaner Co., 1876 E. 18th, Cleveland, O.  
Re-New Sweeper Co., 9591 Grand River Av., Detroit, Mich.

## CLEANERS, Varnish—See Cleaners, Paint and Varnish

## CLEANERS, Venetian Blind

Seymour Products Co., Inc., 2416 W. Roosevelt Rd., Chicago, Ill. "See More"

## CLEANERS, Wall Paper

Absorene Mfg. Co., St. Louis, Mo.  
Auburn Rubber Corp., Auburn, Ind. "Eze-Kleen"  
Clean Products Co., 815 E. Mound, Columbus, O.  
S. W. Cleveland, O. "Cleveland," "Electric"  
Climax Cleaner Mfg. Co., 2080 W. 110th, Cleveland, O. "Climax"  
Commercial Paste Co., Columbus, O. "Rex."  
Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Crescent"  
Kutol Products Co., 2817 Highland, (Norwood) Cincinnati, O. "Kutol"  
Midway Chemical Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J. "Radiant"  
Nu-Dell Mfg. Co., Inc., 501 W. Huron, Chicago, Ill. "Lightning"  
Omar Products Co., 1374 E. Hudson, Columbus, O. "Omar"  
Roberson Products, Inc., 257 Cornelison Av., Jersey City, N. J. "Nap-Brush"  
Sponge Rubber Products Co., Derby, Conn. "Klenal"

## CLEANERS, Wick

Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Perfection"

## CLEANERS, Window (See also Squeegees)

Carter Products Corp., 702 Front Av., Cleveland, O. "Carter" (Combination)  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. "Blue-Bill," "Golden Eagle," "Ideal," "Red-Head," "Sure-Grip"  
Dormeyer (A. F.) Mfg. Co., 4316 N. Kilpatrick Av., Chicago, Ill. "Emerald Queen," "Golden Queen," "Silver Queen"  
Gordon Mfg. Co., 110 E. 23d, New York, N. Y. "Master"  
Greenview Mfg. Co., 2557 Greenview Av., Chicago, Ill. "Arrow"  
Holcomb (J. I.) Mfg. Co., Indianapolis, Ind.  
Marvel Window Cleaner, Inc., Cleveland, O. (Combination)  
Milwaukee Brush Mfg. Co., 2212-2236 No. 30th, Milwaukee, Wis.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn," "Professional," "Sure Clean"  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Winkler Metal Ware Co., Inc., 17 Rush, B'klyn, N. Y. "Capitol"

## CLEANING COMPOUNDS—See Compounds, Cleaning

## CLEANING COMPOUNDS, WINDOW—See Compounds, Window Cleaning

## CLEANING FLUIDS—See Compounds, Cleaning

## CLEANING MACHINERY, CARPET—See Machinery, Carpet Cleaning

## CLEANING PAPER—See Paper Household, Cleaning

## CLEANING RODS—See Rods, Cleaning, Guns and Rifle

## CLEANOUT DOORS—See Doors, Cleanout

## CLEANSER HOLDERS—See Holders, Cleanser and Soap Flake

## CLEATS, Electricians—See Cleats, Wiring

## CLEATS, Metal Roofing

Bard Mfg. Co., 213 W. Butler, Bryan, O. "E. Z. Laid"  
Kees (F. D.) Mfg. Co., Beatrice, Neb.

## CLEATS, Rope

Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S. E., Cleveland, O.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
Malleable Iron Fittings Co., Branford, Conn. "M. I. F. Co."  
National Brass Co., Grand Rapids, Mich. "Dexter"  
Peoria Malleable Casting Co., Peoria, Ill. "Peoria"  
Pratt (Wm. E.) Mfg. Co., Joliet, Ill.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

## CLEATS, Wiring, Porcelain

Circle F Mfg. Co., Trenton, N. J.  
Knox Porcelain Corp., Knoxville, Tenn.  
Porcelain Products, Inc., Findlay, O.

## CLEAVERS

Briddell (Chas. D.), Inc., Crisfield, Md. "Acme"  
Chattillon (John) & Sons, 53 Cliff, New York, N. Y. "Foster Bros."  
Clyde Cutlery Co., Clyde, O.  
Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
Honk Falls Knife Co., Inc., Napanoch, N. Y. "Honk Falls"  
Hudson (C. O.) Cutlery Co., Howard City, Mich.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.  
"Anchor," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Old File Cutlery Co., Havana, Ill.  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge" (Carbon Steel)  
Parker Wire Goods Co., Worcester, Mass.  
Robinson Knife Co., Springfield, N. Y.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Russell"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
Village Blacksmith Folks, Watertown, Wis.  
Washburn Company, Worcester, Mass.  
White (L. & I. J.) Co., Division of the Simonds-Worden-White Co., Dayton, O.

## CLEAVERS, Meat—See Cleavers

## CLEAVISES, Plow

Badger Malleable & Mfg. Co., South Milwaukee, Wis.  
Bethlehem Steel Co., Bethlehem, Pa.  
Clapp (E. D.) Mfg. Co., Auburn, N. Y.  
Cleveland City Forge Co., Cleveland, O.  
Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"

Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S. E., Cleveland, O.  
Empire Plow Co., 140 E. 65th, Cleveland, O. "Empire"  
Franklin Equipment Co., Monticello, Ia.  
Harvey Spring & Forging Co., Racine, Wis.  
Haven Malleable Castings Co., Cincinnati, O.  
Herschel (R.) Mfg. Co., Peoria, Ill.  
Illinois Malleable Iron Co., Chicago, Ill.  
Moline Iron Wks., Moline, Ill.  
Moore Plow & Implement Co., Greenville, Mich.  
Shane Mfg. Co., Evansville, Ind.  
Union Malleable Iron Co., East Moline, Ill.

## CLEAVISES, Wagon

Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
Clapp (E. D.) Mfg. Co., Auburn, N. Y.  
Cleveland City Forge Co., Cleveland, O.  
Cleveland Hdw. & Fdry. Co., 3250 E. 79th, Cleveland, O.  
Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S. E., Cleveland, O.  
Franklin Equipment Co., Monticello, Ia.  
Hall Mfg. Co., Cedar Rapids, Ia.  
Illinois Malleable Iron Co., Chicago, Ill.  
Shane Mfg. Co., Evansville, Ind.

## CLIMBERS, Linemen's

Blakeslee Forging Co., Plantsville, Conn. "Donnelly"  
Buckingham, W. H., Binghamton, N. Y. "Stephens"  
Dicke Tool Co., Downers Grove, Ill.  
Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"

## CLINCH RIVETS—See Rivets, Tubular and Clinch

## CLINKER HOOKS—See Hooks, Clinker

## CLINKER PICKS—See Picks, Clinker

## CLINKER RAKES—See Rakes, Clinker

## CLINKER TONGS—See Tongs, Clinker

## CLIPPERS, Bolt and Rivet

Carous Mfg. Co., Sterling, Ill.  
Champion-De Arment Tool Co., Meadville, Pa.  
Forged Steel Products Co., Newport, Pa. "Vacuum Grip"  
Helwig Mfg. Co., St. Paul, Minn. "Helwig"  
Manco Mfg. Co., Bradley, Ill. "Manco-Master"  
Porter (H. K.), Inc., Everett, Mass. "Allen-Randall," "Bull Dog," "Hypowax," "New Easy," "HKP," "No. 12-x-1855," "O. K.," "Special"  
Roberts Mfg. Co., Everett, Mass. "Victor"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Wolverene"

## CLIPPERS, Finger and Toe Nail

Cook (H. C.) Co., Ansonia, Conn. "Clip-Rite," "Gem," "Gem Jr.," "Maniclip," "Pediclip," "Yankee"  
Griffon Cutlery Works, 151 W. 19th, New York, N. Y. "Griffon"

## CLIPPERS, Fruit, Flowers, etc.—See Shears, Pruning

## CLIPPERS, Hair

Allover Mfg. Co., 18th and Flett, Racine, Wis. "Ace," "Ace Junior," "Allover," "Apex," "Bear," "Beauty-Klip," "Beaver," "Belle City," "Dandy," "Diana," "Excel," "Hardware Special," "Master-Klip," "Trimette," "Xcel"  
American Shearer Mfg. Co., Nashua, N. H. "Boudoir," "Cadet," "Columbian," "Comfort," "Express," "Junior," "La Mode," "Nashua," "Perfection," "Priest's," "Professional," "Rota," "Shaver," "Speed," "Standard," "Standard Professional," "Tiger," "Valencia," "Wide Awake"  
Andis Clipper Co., Racine, Wis.  
Belle City Appliance Co., Racine, Wis.  
Boker (H.) & Co., 101 Duane, New York, N. Y. "Juno"  
Brown & Sharpe Mfg. Co., Providence, R. I. "Bressant," "Narrow Plate," "Tapering"  
Claus Shear Co., Fremont, O.  
Coates Clipper & Mfg. Co., Worcester, Mass. "Coates," "Coronet," "Crown," "Liberty," "Tara"  
Geier (P. A.) Co., Cleveland, O.  
Oster (John) Mfg. Co., Racine, Wis. (Hand and Electric)

## CLIPPERS, Hair, Electric

Allover Mfg. Co., 18th and Flett, Racine, Wis. "Home Clip," "Majestic," "Queen," "Viking"  
Andis Clipper Co., Racine, Wis. "DeLuxe," "Junior," "Master"  
Belle City Appliance Co., Racine, Wis.  
Oster (John) Mfg. Co., Racine, Wis.  
Wahl Clipper Corp., Sterling, Ill.

## CLIPPERS, Horse—See Clipping Machines, Horse; also Clippers, Horse, Hand

## CLIPPERS, Horse, Hand

American Shearer Mfg. Co., Nashua, N. H. "American Horse," "Ball Bearing," "Handy Dog," "Herald," "Hunter," "Kennel King," "Lenox," "New Market," "No. 64," "Polo," "Priest's"  
Boker (H.) & Co., 101 Duane, New York, N. Y. "Man-o-War," "X. L. R. B."  
Coates Clipper & Mfg. Co., Worcester, Mass.  
Heinrich (R.) Son Wks., 31 Littleton Av., Newark, N. J.  
Oster (John) Mfg. Co., Racine, Wis.





# Blades made from "Tillage Steel"



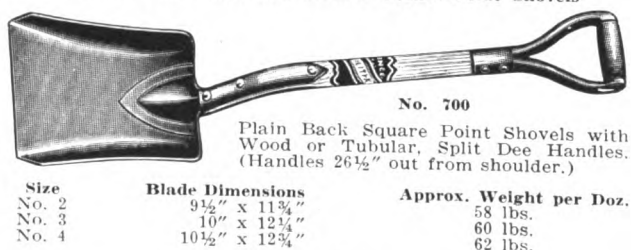
Into every Ingersoll Shovel Blade goes over a half century's experience in producing superior STEELS for working in soil. That's why we say . . . "Ingersoll Shovel Blades are Born in the Soil." That's why they stand punishment and hold their cutting edges better without curling or splitting. This TILLAGE STEEL, especially produced by the world's largest manufacturer of plow discs and harrow discs, is known as . . .

**TEM<sub>x</sub>CROSS**  
INGERSOLL PROCESS STEEL

It is cross-rolled to give an interlocking mesh-grain construction. It has remarkable toughness, developed to withstand severe tillage use.



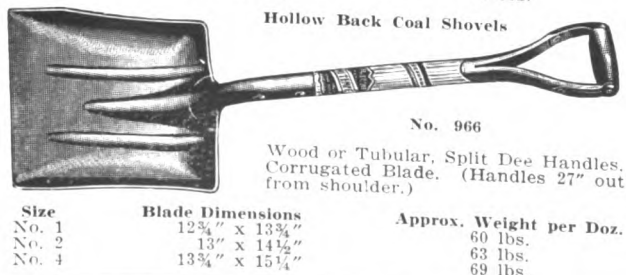
## Welded Plain Back Dee Handle Square Point Shovels



## Welded Plain Back Long Handle Round Point Shovels



## Hollow Back Coal Shovels



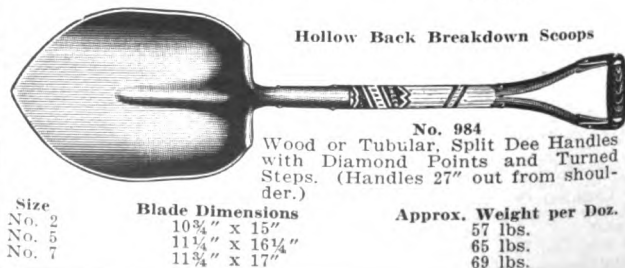
## Solid Shank Round Point Dee Handle Shovels



## Solid Shank Square Point Long Handle Shovels



## Hollow Back Breakdown Scoops



**INGERSOLL Shovels "THE BORG-WARNER LINE"**

Mention Hardware Age When Writing

Digitized by Google

# INGERSOLL *Shovels*

## "THE BORG-WARNER LINE"

The Ingersoll Steel & Disc Division of Borg-Warner Corporation operates its own steel mills. Therefore, when you specify any one of the Ingersoll Brands shown by the labels below, you are assured of a product that is completely under the manufacturing control of this Company. Uniform high quality and top value at the price may be depended upon in Ingersoll Shovels of all types and grades. On all orders specify Ingersoll Shovels, and give your customers the benefit of the better service and satisfaction they give.

- All grades of Ingersoll Shovels, Spades and Scoops are heat-treated (except some "C" Grade, and lower) without any extra charge.
- All Ingersoll Shovels, Spades and Scoops are covered by the standard guarantee.

Write for Catalog giving complete line.

Mail your request to our New Castle Plant.

Address Dept. H.A.

### INGERSOLL STEEL & DISC DIVISION

Borg-Warner Corporation  
New Castle, Indiana

#### Hollow Back Scoops, Dee Handle (Eastern Pattern)

Hollow Back Eastern Pattern Scoops with Wood or Tubular Split Dee Handles. Corrugated Blades. Also made with long handles.

No. 954 (Eastern Pattern)

Size	Blade Dimensions	Approx. Weight per Doz.
No. 2	10 3/4" x 15"	60 lbs.
No. 4	11 1/4" x 15 1/2"	64 lbs.
No. 5	11 1/2" x 16"	68 lbs.
No. 6	11 3/4" x 16 1/2"	70 lbs.
No. 7	11 3/4" x 17"	72 lbs.

#### Hollow Back Scoops, Dee Handle (Western Pattern)

Hollow Back Western Pattern Scoops with Wood or Tubular Split Dee Handles. Corrugated Blades. Also made with long handles.

No. 960 (Western Pattern)

Size	Blade Dimensions	Approx. Weight per Doz.
No. 6	13" x 16"	66 lbs.
No. 8	13 1/4" x 17"	70 lbs.
No. 10	14" x 18"	74 lbs.
No. 12	14 3/4" x 19"	78 lbs.
No. 14	15 1/4" x 20"	82 lbs.



## INGERSOLL LABELS

Attractive labels make it easy to identify each brand or grade of Ingersoll Shovels.

In addition to brands shown here, we manufacture and supply the trade with other established reliable brands known to the trade as . . .

"Ingersoll Special"	"Molybaloy"
"Ing-A-Loy"	"Indiana"
"Stainless"	"New Castle"
"Airport"	"Matchit"
"Bee Line"	"Trojan"
"Contact"	"American Beauty"



#### Plain Back Garden Spades



Wood or Tubular Split Dee Handles. (Handles 27" out from shoulder.)

Size	Blade Dimensions	Approx. Weight per Doz.
No. 2	7 1/2" x 12"	58 lbs.

#### Hollow Back Round Point Long Handle Shovels



Turned Shoulder and Long Sockets for added strength and balance. (Handles 48" out from shoulder.)

Size	Blade Dimensions	Approx. Weight per Doz.
No. 2	9" x 12"	50 lbs.
No. 3	9 1/4" x 12 1/2"	53 lbs.
No. 4	10" x 13"	56 lbs.

#### Plain Back Ladies' or Auto Campers' Shovels



Tubular Split Dee Handles. Length overall, 36". Blade lift, 6 1/2".

Size	Blade Dimensions	Approx. Weight per Doz.
No. 0	8" x 10"	45 lbs.

#### Hollow Back Square Point Dee Handle Shovels



Turned Shoulder and Long Sockets for added strength and balance. Wood or Tubular, Split Dee Handles. (Handles 27" out from shoulder.)

Size	Blade Dimensions	Approx. Weight per Doz.
No. 2	9 1/4" x 12"	52 lbs.
No. 3	10" x 12 1/2"	55 lbs.
No. 4	10 1/2" x 13"	58 lbs.



Mention Hardware Age When Writing

**CLIPPERS, Lawn**—See Edgers and Trimmers, Lawn  
**CLIPPERS, Rivet**—See Clippers, Bolt and Rivet

### CLIPPING MACHINES, Cattle

American Shearer Mfg. Co., Nashua, N. H. "Priest's Nos. 1, 12," "Speediclip"  
 Andis Clipper Co., Racine, Wis.  
 Chicago Flexible Shaft Co., 5600 Roosevelt Rd., Chicago, Ill. "Stewart"  
 Coates Clipper & Mfg. Co., Worcester, Mass.  
 Oster (John) Mfg. Co., Racine, Wis.

### CLIPPING MACHINES, Horse

American Shearer Mfg. Co., Nashua, N. H. "Priest's Nos. 1, 7, 12, XX," "Speediclip"  
 Andis Clipper Co., Racine, Wis.  
 Chicago Flexible Shaft Co., 5600 Roosevelt Rd., Chicago, Ill. "Stewart"  
 Coates Clipper & Mfg. Co., Worcester, Mass.  
 Oster (John) Mfg. Co., Racine, Wis.

### CLIPPING MACHINES, Sheep

Chicago Flexible Shaft Co., 5600 Roosevelt Rd., Chicago, Ill.  
 Coates Clipper & Mfg. Co., Worcester, Mass.  
 Oster (John) Mfg. Co., Racine, Wis.

### CLIPS, Angler's

Cook (H. C.) Co., Ansonia, Conn. "Pal"  
 Olson Bros. Machine Tool & Saw Co., Inc., 23 Lafayette, B'klyn, N. Y. "Olsen's"

### CLIPS, Axle, Carriage and Wagon

Clapp (E. D.) Mfg. Co., Auburn, N. Y. "Bradley," "Concord"  
 Wilcox (D.) Mfg. Co., Mechanicsburg, Pa.

### CLIPS, Battery

Deal Electric Co., Inc., 338 Berry, Brooklyn, N. Y.  
 Mueller Electric Co., 1583 E. 31st, Cleveland, O. "Universal"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

### CLIPS, Damper, Stove Pipe

Adams Co., Dubuque, Ia.  
 Arcade Mfg. Co., Freeport, Ill.  
 Griawold Mfg. Co., Erie, Pa.  
 Hart & Cooley Mfg. Co., Chicago, Ill. "H&O," "Federal"  
 Howes (S. M.) Co., Boston, Mass. "Columbia," "Yankee"  
 Mueller (L. J.) Furnace Co., Milwaukee, Wis.  
 Stover Mfg. & Engine Co., Freeport, Ill.

### CLIPS and FASTENERS, Paper

Automatic Pencil Sharpener Co., Chicago, Ill.  
 Cook (H. C.) Co., Ansonia, Conn. "Bull Dog," "Burro"  
 Crofoot (J. B.) Co., Mount Prospect, Ill.  
 Dennison Mfg. Co., Framingham, Mass. (Fasteners)  
 Garrison-Wagner Co., St. Louis, Mo.  
 Gem Stopper Co., Phila., Pa.  
 Hampden Mfg. Co., Plainfield, N. J.  
 Hoge Mfg. Co., Inc., 200 5th Av., New York, N. Y.

### CLIPS, Golf Tee

Cook (H. C.) Co., 27 Beaver, Ansonia, Conn.

### CLIPS, Paper—See Clips and Fasteners, Paper

### CLIPS, Push

Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.  
 "Justrite" (For Holding Wires)

### CLIPS, Roofing

Bard Mfg. Co., 213 W. Butler, Bryan, O. "Bulldog"

### CLIPS, Saddle

Clapp (E. D.) Mfg. Co., Auburn, N. Y.

### CLIPS, Sampling

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Warren (J. D.) Mfg. Co., Montpelier, O.

### CLIPS, SLEEPER—See Anchors, Sleeper

### CLIPS, Sleigh

Clapp (E. D.) Mfg. Co., Auburn, N. Y.

### CLIPS, Spring

Clapp (E. D.) Mfg. Co., Auburn, N. Y.

### CLIPS, Tile, Ceiling

V-W Co., 208 Oak, Columbus, O. "Hid-In"

### CLIPS, Wire Rope, Drop Forged

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "Tiger"  
 Eureka Metal Products Co., North East, Pa.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me. "Safety"  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 National Production Co., 4561 St. Jean Av., Detroit, Mich. "Safe-Line"  
 Republic Steel Corp., Upson Nut Div., Cleveland, O.  
 Roebblings (John A.) Sons Co., Trenton, N. J.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.

Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

### CLIPS, Wire Rope, Malleable

Chicago Hardware & Fixture Co., Chicago, Ill.  
 Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Mockbee (C. M.) Co., Cincinnati, O.  
 Ney Mfg. Co., Canton, O.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O. "Climax"

Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Willis (E. J.) Co., 91 Chamber, New York, N. Y., "Wilco"

### CLOCK CONTROLLED SWITCHES—See Clocks, Time Switch

### CLOCK HANGER OUTLETS—See Outlets, Clock Hanger, Electric

### CLOCKS, Alarm, Timepiece, Strike & Chime, Electric

Chelsea Clock Co., Chelsea, Mass.  
 Eltime Clock Co., Toledo, O.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E," "Sergeant"  
 Gilbert (Wm. L.) Clock Co., Winsted, Conn.  
 Hammond Clock Co., Chicago, Ill.  
 Herschede Clock Co., Time Hill, Cincinnati, O.  
 Ingraham (E.) Co., Bristol, Conn.  
 Lux Clock Mfg. Co., Waterbury, Conn.  
 Miller (Herman) Clock Co., Zeeland, Mich.  
 New Haven Clock Co., New Haven, Conn. "Vega"  
 Pennwood Co., Homewood Station, Pittsburgh, Pa.  
 Sessions Clock Co., Forestville, Conn.  
 Thomas (Seth) Clock Co., Thomaston, Conn.  
 United States Electric Mfg. Co., 222 W. 14th, New York, N. Y.  
 Waltham Watch Co., Waltham, Mass. "Waltham"  
 Warren Telechron Co., Ashland, Mass.  
 Westclox Div. of General Time Instruments Corp., La Salle, Ill. "Westclox"

### CLOCKS, Alarm, Timepiece, Strike & Chime, Non-Electric

De Luxe Clock & Mfg. Co., 1107 B'way, New York, N. Y.  
 Gilbert (Wm. L.) Clock Co., Winsted, Conn.  
 "Charlie McCarthy" Clock Co., Winsted, Conn.  
 Ingersoll-Waterbury Co., Waterbury, Conn. "Ingersoll"  
 Ingraham (E.) Co., Bristol, Conn.  
 New Haven Clock Co., New Haven, Conn. "Tota"  
 Waltham Watch Co., Waltham, Mass. "Waltham"  
 Westclox Div. of General Time Instruments Corp., La Salle, Ill. "Baby Ben," "Big Ben," "Westclox"

### CLOCKS, Bicycle

New Haven Clock Co., New Haven, Conn.

### CLOCKS, Cuckoo

American Chime Clock Co., 1659 Ruffner, Phila., Pa.  
 De Luxe Clock & Mfg. Co., 1107 B'way, New York, N. Y.

### CLOCKS, Furnace

Little Janitor Furnace Clock Co., 621 B'way, New York, N. Y. "Tillery's"  
 Tidey, Samuel E., Madison, N. J.  
 Tork Clock Co., Inc., 31 South, Mt. Vernon, N. Y.

### CLOCKS, Time Switch

General Electric Co., 1 River Road, Schenectady, N. Y. "G-E"  
 Measured Time, Inc., La Porte, Ind. "Hawkeye"  
 New Haven Clock Co., New Haven, Conn.  
 Paragon Electric Co., 37 W. Van Buren, Chicago, Ill. "Paragon"  
 Sangamo Electric Co., Springfield, Ill.  
 Tork Clock Co., Inc., 31 South, Mt. Vernon, N. Y.

### CLOSERS, Door

(See also Springs, Door)

Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Elton Hdwe. Co., 93 Lafayette, Newark, N. J.  
 Independent Lock Co., Fitchburg, Mass. "Blount," "Universal"  
 Kaywood Co., Benton Harbor, Mich.  
 Keil (Francis) & Son, 401 E. 163d, New York, N. Y.  
 Lockwood Hdwe. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Meier Electric & Machine Co., 3525 E. Washington, Indianapolis, Ind. "Automatic Door Man"  
 Monroe Auto Equipment Co., Monroe, Mich. "Nomatic"  
 Niehoff (C. E.) & Co., Chicago, Ill. "Shut-E-Zee"  
 Norton Door Closer Co., 2900 N. Western Av., Chicago, Ill. "Norton"  
 Norton-Lasler Co., 466 W. Superior, Chicago, Ill. "L.C.N.," "Miracle"  
 Otto Bros., 1751 W. Lake, Chicago, Ill.  
 Reading Hdwe. Corp., Reading, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Rixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 S-B Mfg. Co., 241 E. Erie, Milwaukee, Wis. "Storm King"

Sargent & Co., New Haven, Conn. "Eclipse"  
 Winsted Hdwe. Mfg. Co., Winsted, Conn. "Durable"  
 Yale & Towne Mfg. Co., Stamford, Conn. "Yale"

### CLOSERS, Door, Concealed

Condor Co., 1675 Eddy, San Francisco, Cal.  
 Norton-Lasler Co., 466 W. Superior, Chicago, Ill. "L.C.N."  
 Rixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin-Newton"  
 Yale & Towne Mfg. Co., Stamford, Conn. "Yale"

### CLOSERS, Door, Floor

Bommer Spring Hinge Co., 263 Classon Av., Bklyn, N. Y.  
 Corbin, P. & F., New Britain, Conn.  
 Norton-Lasler Co., 466 W. Superior, Chicago, Ill. "L.C.N."  
 Rixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Shelby Spring Hinge Co., Shelby, O.

### CLOSERS, Door, Screen

(See also Springs, Door, Screen)

Alden Mfg. Co., Painesville, O.  
 Boye Needle Co., Chicago, Ill. "Boye"  
 Brown (E. C.) Co., Rochester, N. Y.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill.  
 Corbin, P. & F., New Britain, Conn.  
 Everedy Co., Frederick, Md. "Everedy"  
 Frantz Mfg. Co., Sterling, Ill.  
 Holden (A. S.) Inc., Cleveland, O.  
 Independent Lock Co., Fitchburg, Mass. "Tico, Jr."  
 "Ilico Senior"  
 Kant-Slam Door Check Co., Bloomfield, Ind.  
 Kaywood Co., Benton Harbor, Mich.  
 Lawrence Bros., Sterling, Ill.  
 Monroe Auto Equipment Co., Monroe, Mich. "Nomatic"  
 Norton Door Closer Co., 2900 N. Western Av., Chicago, Ill. "Norton"  
 Otto Bros., 1751 W. Lake, Chicago, Ill.  
 Reading Hardware Co., Reading, Pa.  
 Rixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Rose (Frank) Mfg. Co., Hastings, Neb.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 Sargent & Co., New Haven, Conn.  
 Shelby Metal Products Co., Shelby, O.  
 Shelby Spring Hinge Co., Shelby, O.  
 Superior Spring Hinge Co., 548 Lake, Chicago, Ill. "Superior"  
 Ware Bros., Div. Chicago Roller Skate Co., 4406 W. Lake, Chicago, Ill. "Ever-Ware"  
 Winsted Hdwe. Mfg. Co., Winsted, Conn. "Durable"  
 Yale & Towne Mfg. Co., Stamford, Conn. "Yale"

### CLOSERS, Door, Semi-Concealed

Russell & Erwin Mfg. Co., New Britain, Conn. "400"

### CLOSET AUGERS—See Augers, Closet

### CLOSET BOWL CLEANERS—See Cleaners, Closet Bowl

### CLOSET DOOR BRACKETS—See Brackets, Closet Door

### CLOSET HARDWARE—See Fixtures, Wardrobe

### CLOSET SEAT BUMPERS, RUBBER—See Bumpers, Rubber, Closet Seat

### CLOSET SPUD WRENCHES—See Wrenches, Spud, Closet

### CLOSET TANK COPPER FLOATS—See Floats, Closet Tank, Copper

### CLOSET TANK FLUSHERS—See Flushers, Closet Tank

### CLOSET TOILET TANKS—See Tanks, Toilet, Closet

### CLOSETS, Chemical—See Toilets, Chemical

### CLOSETS, Hot—See Warmers, Plate

### CLOSETS, Water

Abingdon Sanitary Mfg. Co., Abingdon, Ill.  
 Camden Pottery Co., Camden, N. J.  
 Case (W. A.) & Son Mfg. Co., 33 Main, Buffalo, N. Y. "T/N"  
 Clow (James B.) & Son, Chicago, Ill.  
 Douglas (John) Co., Cincinnati, O.  
 Economy Pottery Co., Trenton, N. J.  
 Eljer Co., Ford City, Pa.  
 Fords Porcelain Works, Perth Amboy, N. J.  
 Humphreys Mfg. Co., Mansfield, O. "Mirard"  
 Kohler Co., Kohler, Wis.  
 Kokomo Sanitary Pottery Co., Kokomo, Ind.  
 Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
 Trenton Potteries Co., Trenton, N. J.  
 Universal Sanitary Mfg. Co., New Castle, Pa.

### CLOTH, Abrasive, Coated, Emery, Garnet, Aluminous Oxide, Silicon Carbide, etc.

Abrasive Products, Inc., South Braintree, Mass.  
 "Jewel," "Jewelite," "Jewelox," "New Process"  
 Armour Sandpaper Works, 1355 W. 31st, Chicago, Ill.  
 "Alundum," "Armour," "Garalun"  
 Behr-Manning Corp., Troy, N. Y. "Barney the Bear," "Handy Roll," "Handy Package," "Lightning Adalox," "Lightning Durandum," "Lightning Metalite"



# MORE SALES • MORE PROFITS

## WITH THE AUBURN LINE



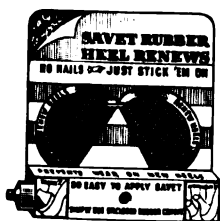
Ustikons — America's Fastest selling rubber soles. 6 sizes to fit all shoes. Retails for 10c.



Cush-tred — a quality sole for those who demand the best. 5 sizes to fit all shoes—retails 25c.



**FREE**—Ustikon Display packed 1 display with each 3 dozen of standard assortment.



A real money maker on any counter. Levels and renews worn heels. Retails for 5c complete with new display card.



A fix fast cement that really sticks—mends all rubber and paper goods — retails for 5c.

*It is no secret* that hardware dealers everywhere are increasing both sales and profits by handling fast-moving Auburn rubber merchandise.

This situation is no accident—no coincidence. It comes rather from the Auburn will to serve—a determination that has forced fact-revealing market studies that show what sells.

The *result* is that you are not asked to overstock on questionable experiments. Auburn merchandise is *proved* to be fast-moving, profitable merchandise for you.

It *pays* to handle the Auburn line. See your jobber's representative.



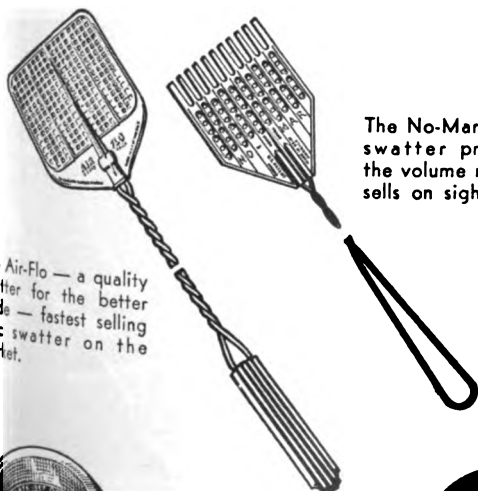
Half or whole heels—black or tan—made in 27 standard sizes to fit all men's, women's and junior sizes. A real quality item. Retails for 10c and 15c.



Big value taps—full size high quality 10 1/2 iron. 4 sizes to fit all shoes, 15c retail.



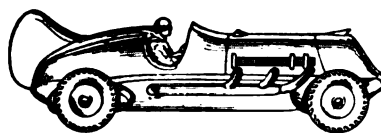
Rival taps — priced for the volume market. A real sales leader — retails 10c.



The No-Mar — a 5c swatter priced for the volume market—sells on sight.

The Air-Flo — a quality swatter for the better trade — fastest selling 10c swatter on the market.

A real household item—for opening and sealing glass jars. A year round seller—especially good for summer and fall—5c & 10c.



A complete line of wheel items—Automobiles, trucks, airplanes, army tanks, trains, farm sets, etc.—retailing from 5c to \$1.00 each.



World's safest toys—can not harm children in any way. Washable—will not mar furniture. Most complete line of soldiers, baseball and football players, retailing 5c & 10c each.



Horses, cows, sheep, pigs, etc., every farm animal is included in the Auburn line retailing at 5c & 10c each.

Auburn toys are sold in bulk 5¢ to 50¢ each or in boxed sets 50¢ and \$1.00

# AUBURN RUBBER CORP.

AUBURN INDIANA • U.S.A.

# ADD THESE NUMBERS

**VALUE PLUS FOR CONSUMER! PROFITS PLUS FOR YOU!**

## 2200

Autoyre 2200 Line of bathroom and kitchen accessories in bright cadmium finish and the 2300 Line (same items) in sprayed, baked, gleaming white enamel. 10c sellers\* that mean volume sales and meet all competition.

## 2600

Smart, quality line in brilliant chrome finish! Includes four individually carded items: the Clip-On and Twin Clip-On Racks, the three-arm All-Purpose Rack and the All-Purpose Hook. 25c sellers\*, most items.

## 5000

A beautifully designed line of 50c sellers\* with \$1.50 appeal! ALL SCREWS CONCEALED. Heavy-duty, high-lustre chrome finish. A luxury line at a comfortable price.



Self-selling display panels for each line, with fixtures mounted, are available. Illustrated catalog inserts and details on request.

**ASK YOUR SUPPLIER  
ABOUT AUTOYRE**

\*Slightly higher for some territories due to transportation costs

COPYRIGHT, 1940, THE AUTOYRE CO.

# AUTOYRE—OAKVILLE, CONNECTICUT



**CLOTH, Abrasive (Continued)**

Berea Abrasives Div., Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"  
Carborundum Co., Niagara Falls, N. Y. "Aloxite," "Carborundum," "Union"  
Clover Mfg. Co., Norwalk, Conn. "Blue-Stripe," "Orange-Stripe," "Red-Stripe," "Yellow-Stripe"  
Mid-West Abrasive Co., 2189 Beaufait Av., Detroit, Mich. "Wolverine"  
Minnesota Mining & Mfg. Co., St. Paul, Minn. "B A," "Crystal Bay," "Three-M-ite," "Wausau"  
Sandpaper, Inc., Waltham, Mass. "Clipper"  
Wilmington Abrasive Works, Inc., Wilmington, Del. "WAW," "Wilox."

**CLOTH BOOKS, Children's**—See Books, Children's

**CLOTH, Brattice**

Fulton Bag & Cotton Mills, Atlanta, Ga.  
Upon-Walton Co., 1280 W. 11th, Cleveland, O.  
**CLOTH, Cheese**—See Cheesecloth  
**CLOTH DOLLS**—See Dolls, Cloth or Rag  
**CLOTH, Enameled**—See Oilcloth

**CLOTH, Filter**

Chase Brass & Copper Co., Waterbury, Conn.  
Hooper (Wm. E.) & Sons Co., Phila., Pa. "Hooper-wind"  
Jelliff (C. O.) Mfg. Corp., Southport, Conn.  
Johnson & Johnson, Dairly Filter Prod. Div., New Brunswick, N. J. "J & J Red Cross," "Rapid Flo"  
Reeve & Mitchell Co., Phila., Pa. (Milk)  
Roebling's (John A.) Sons Co., Trenton, N. J.  
Sanitary Cotton Co., Chicago, Ill.  
Schwartz Mfg. Co., Two Rivers, Wis. "Perfection"  
Stanley (Wm. W.) Co., Inc., 359 B'way, New York, N. Y.  
Upon-Walton Co., 1280 W. 11th, Cleveland, O.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. (Wire)

**CLOTH, Glass**—See Glass Substitutes, Flexible

**CLOTH, Hardware**

American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y. "Clinton"  
Buffalo Wire Wks. Co., Buffalo, N. Y.  
Clinton Wire Cloth Co. of Clinton, Ia., Clinton, Ia.  
Cyclohex Fence Co., Waukegan, Ill. "Red Tag"  
Gilbert & Bennett Mfg. Co., Blue Island, Ill.  
Michigan Wire Cloth Co., 2103 Howard, Detroit, Mich.  
Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
Reynolds Wire Co., Dixon, Ill. "Sun-Red Edge"  
Roebling's (John A.) Sons Co., Trenton, N. J. "Jersey"  
Rohlok, Inc., Southport, Conn.  
Seneca Wire & Mfg. Co., Fostoria, O.  
Standard Fence Co., Oakland, Cal.  
Wickwire Bros., Cortland, N. Y.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. "Clinton"  
Wright (G. F.) Steel & Wire Co., Worcester, Mass. "Superior"

**CLOTH, Window Shade**

De Pont (E. I.) de Nemours & Co., Inc., Newburgh, N. Y. "Du Pont," "Tontine" (Washable)  
**CLOTH WINDOW VENTILATORS**—See Ventilators, Window, Cloth

**CLOTH, Wire, Bee Veil**

Clinton Wire Cloth Co. of Clinton, Ia., Clinton, Ia.  
Roebling's (John A.) Sons Co., Trenton, N. J.

**CLOTH, Wire, Aluminum, Black, Brass, Bronze, Copper, Galvanized, Etc.**

American Brass Co., Waterbury, Conn. "Anaconda"  
American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y. "Galvanoid," "Golden Strand"  
Chase Brass & Copper Co., Waterbury, Conn.  
Crescent Brass, Inc., 110 South, Baltimore, Md.  
Clinton Wire Cloth Co. of Clinton, Ia., Clinton, Ia.  
Cole-Roscoe Mfg. Co., Bates Court, South Norwalk, Conn.  
Crescent Fence Co., Waukegan, Ill. "Red Tag"  
Gilbert & Bennett Mfg. Co., Blue Island, Ill. "Pearl"  
Hanover Wire Cloth Co., Hanover, Pa. "Acme," "Apex," "Colonial," "Crescent," "Golden Rod," "Marine," "Neptune," "Oriental," "Super-Apex," "Tulcan"  
Holtz Bros. Co., Inc., York, Pa. "Dixie," "Marion," "Penn," "Yorkbest"  
Jelliff (C. O.) Mfg. Corp., Southport, Conn.  
Jelliff (Geo. H.) & Son, New Canaan, Conn.  
Michigan Wire Cloth Co., 2103 Howard, Detroit, Mich.  
New York Wire Cloth Co., 500 Fifth Av., New York, N. Y. "Aldura," "Liberty," "Opal," "York"  
Pennsylvania Woven Wire Co., 115 Washington, Rock Haven, Pa. "Pennwoven"  
Reynolds Wire Cloth Co., Inc., South Norwalk, Conn.  
Reynolds Wire Co., Dixon, Ill. "Sun-Red Edge"  
Roebling's (John A.) Sons Co., Trenton, N. J. "Adamant," "Diamond," "Imperial Bronze," "Jersey," "Zintex"  
Rock, Inc., Southport, Conn.  
Steel Wire & Mfg. Co., Fostoria, O.

Smith (F. P.) Wire & Iron Works, 2340 Clybourn Av., Chicago, Ill.  
Spargo Wire Co., Rome, New York.  
Standard Fence Co., Oakland, Cal.  
Tyler (W. S.) Co., Cleveland, O.  
Wickwire Bros., Cortland, N. Y. "Cortland," "Cortland Gray-Wick," "Cortland Ultra-Premier"  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. "Galvanoid," "Gold Strand"  
Wright (G. F.) Steel & Wire Co., Worcester, Mass. "Superior"

**CLOTH, Wire, Corn Popper**

Clinton Wire Cloth Co. of Clinton, Ia., Clinton, Ia.  
Roebling's (John A.) Sons Co., Trenton, N. J.

**CLOTH, Wire, Fireplace Screen**

American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y.  
Clinton Wire Cloth Co. of Clinton, Ia., Clinton, Ia.  
Roebling's (John A.) Sons Co., Trenton, N. J.  
Wright (G. F.) Steel & Wire Co., Worcester, Mass.

**CLOTH, Wire, Fly Swatter**

American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y.  
Clinton Wire Cloth Co. of Clinton, Ia., Clinton, Ia.  
Hanover Wire Cloth Co., Hanover, Pa.  
Roebling's (John A.) Sons Co., Trenton, N. J.

**CLOTH, Wire, Frying Basket**

American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y.  
Clinton Wire Cloth Co. of Clinton, Ia., Clinton, Ia.  
Roebling's (John A.) Sons Co., Trenton, N. J.  
"Jersey"

**CLOTH, Wire, Horse Muzzle**

Clinton Wire Cloth Co. of Clinton, Ia., Clinton, Ia.  
Roebling's (John A.) Sons Co., Trenton, N. J.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**CLOTH, Wire, Monel Metal**

Cleveland Wire Cloth & Mfg. Co., Cleveland, O.  
Cole-Roscoe Mfg. Co., Bates Court, South Norwalk, Conn.  
Hanover Wire Cloth Co., Hanover, Pa.  
International Nickel Co., Inc., 67 Wall, New York, N. Y. "Monel"  
Jelliff (C. O.) Mfg. Corp., Southport, Conn.  
Michigan Wire Cloth Co., 2103 Howard, Detroit, Mich.  
Pequot Wire Cloth Co., Inc., South Norwalk, Conn. "Pequot"  
Roebling's (John A.) Sons Co., Trenton, N. J. "Jersey"  
Smith (F. P.) Wire & Iron Works, 2340 Clybourn Av., Chicago, Ill.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**CLOTH, Wire, Sifter and Strainer**

American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y.  
Chase Brass & Copper Co., Waterbury, Conn.  
Clinton Wire Cloth Co. of Clinton, Ia., Clinton, Ia.  
Hanover Wire Cloth Co., Inc., Hanover, Pa.  
Jelliff (C. O.) Mfg. Corp., Southport, Conn.  
Michigan Wire Cloth Co., 2103 Howard, Detroit, Mich.  
Roebling's (John A.) Sons Co., Trenton, N. J. "Jersey"  
Smith (F. P.) Wire & Iron Works, 2340 Clybourn Av., Chicago, Ill.  
Wright (G. F.) Steel & Wire Co., Worcester, Mass. "Superior" (Riddle and Sand)

**CLOTH, Wire, Stainless Steel**

Cole-Roscoe Mfg. Co., Bates Court, South Norwalk, Conn.  
Hanover Wire Cloth Co., Hanover, Pa.  
Jelliff (C. O.) Mfg. Corp., Southport, Conn.  
Smith (F. P.) Wire & Iron Works, 2340 Clybourn Av., Chicago, Ill.

**CLOTH, Wire Strainer**—See Cloth, Wire Sifter and Strainer

**CLOTHES BARS**—See Bars, Clothes

**CLOTHES BASKETS**—See Baskets, Clothes

**CLOTHES BRUSHES**—See Brushes, Clothes

**CLOTHES CHUTE DOORS**—See Doors, Clothes Chute

**CLOTHES CLOSET RODS**—See Rods, Clothes Closet

**CLOTHES DRYERS**—See Dryers, Clothes

**CLOTHES DRYERS, TOY**—See Dryers, Clothes, Toy  
**CLOTHES DRYING CABINETS**—See Dryers, Clothes, Gas or Electric

**CLOTHES HAMPERS**—See Hampers, Clothes

**CLOTHES HANGERS**—See Hangers, Garment

**CLOTHES LINE CLAMPS**—See Fasteners, Clothes Line

**CLOTHES LINE FASTENERS**—See Fasteners, Clothes Line

**CLOTHES LINE HOLDERS**—See Holders, Clothes Line

**CLOTHES LINE HOOKS**—See Hooks, Clothes Line

**CLOTHES LINE POSTS**—See Posts, Clothes Line

**CLOTHES LINE PROPS**—See Props, Clothes Line

**CLOTHES LINE PULLEYS**—See Pulleys, Clothes Line

**CLOTHES LINE REELS**—See Reels, Line, Clothes

**CLOTHES LINE STRETCHERS**—See Stretchers, Line, Clothes

**CLOTHES LINES**—See Lines, Clothes

**CLOTHES LOCKERS**—See Lockers, Steel

**CLOTHES PIN BAGS**—See Bags, Clothes Pin

**CLOTHES PINS**—See Pins, Clothes

**CLOTHES PINS, Toy**—See Sets, Laundry, Toy

**CLOTHES POLES**—See Poles, Clothes

**CLOTHES SPRINKLERS**—See Sprinklers, Clothes

**CLOTHES WASHING MACHINES**—See Washing Machines, Clothes

**CLOTHES WRINGER BENCHES**—See Benches, Wash Tub, Wringer, etc.

**CLOTHES WRINGERS**—See Wringers, Clothes

**CLOTHING, Fishing and Hunting**

Congress Shirt Co., 72 Essex, Boston, Mass. "Congress"  
Drybak Corp., Binghamton, N. Y.  
Hettick Mfg. Co., 1401 Summit, Toledo, O. "American Field"  
Hodgman Rubber Co., Framingham, Mass.  
Ideal Shirt Co., Skysville, Pa.  
Red Head Brand Co., Chicago, Ill.  
Super Dux Co., 12th & Michigan Av., Detroit, Mich. "Super Dux," "Super Fab"  
Utica-Duxbak Corp., Utica, N. Y.  
Woolrich Woolen Mills, Woolrich, Pa. "Woolrich"

**CLOTHING, Waterproof**

Carter (J. F.) Co., Beverly, Mass.  
Johnson (Geo. A.) Co., 5222 Shilshole, Seattle, Wash. "Best"  
Red Head Brand Co., Chicago, Ill.  
Sawyer (H. M.) & Son Co., 20 Thorndike, East Cambridge, Mass. "Frog Brand"  
Super Dux Co., 12th & Michigan Av., Detroit, Mich. "Super Dux"  
Tower (A. J.) Co., 18 Simmons, Boston, Mass. "Fish Brand"  
Utica-Duxbak Corp., Utica, N. Y.

**CLOTHS, ABRASIVE**—See Abrasives, Coated; Also Cloth, Coated, Abrasive, Emery, Aluminous Oxide, etc.

**CLOTHS, Drop, Painters'**

Bearse Mfg. Co., 3817 Cortland, Chicago, Ill.  
Bemis Bro. Bag Co., 419 Poplar, St. Louis, Mo.  
Burcott Mills, 616 W. Fulton, Chicago, Ill.  
Daniels (C. R.), Inc., 99 Crosby, New York, N. Y.  
Humphry's (R. A.) Sons, Inc., 1019 Callowhill, Phila., Pa.  
Leshner Div. Carey (Philip) Co., Hamilton, O.  
New York Drop Cloth Mfg. Co., Inc., Borden Av. & 21st, Long Island City, N. Y.  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind. "Dura-Cloth"  
Standard Awning Co., 83 Avon, Hartford, Conn.  
Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis.

**CLOTHS, Dish**

Howard Dustless Duster Co., 493 C., Boston, Mass.  
Morgan Cotton Mills, Inc., 120 E. 25th, New York, N. Y. "Softex"  
Putnam Knitting Co., Cohoes, N. Y. "Handy Ann"  
Quality Mfg. Co., Inc., Woburn, Mass. "Quality Antiseptic"  
Ritzenthaler, John, 73 Franklin, New York, N. Y. "Ritz"  
Shen Mfg. Co., 314 Armat, Phila., Pa. "Sunny Maid"  
Ufford Textile Co., Norwich, Conn. "Bettermade,"  
Yale Mystic Knitting Co., Malden, Mass.

**CLOTHS, Dust**

American Textile Products Co., 1515 Coit Av., East Cleveland, O.  
Burcott Mills, 616 W. Fulton, Chicago, Ill.  
Capital Knitting Co., Waterford, N. Y. "AerCel"  
Holden Knitting Co., Worcester, Mass. "Handymit"  
Howard Dustless Duster Co., 493 C., Boston, Mass. "Dustless Duster"  
Hutchinson & Co., Dallas, Tex. "French"  
Jordan, F., 134 Bank, New York, N. Y.  
Liquid Veneer Corp., Buffalo, N. Y.  
O-Cedar Corp., 4501 S. Western Av., Chicago, Ill. "O-Cedar"  
Pioneer Mfg. Co., Cleveland, O. "Shino"  
Quality Mfg. Co., Inc., Woburn, Mass. "Quality Antiseptic"  
Ritzenthaler (John), 73 Franklin, New York, N. Y. "Ritz"  
Rubon Woodfinishing & Products Co., Kansas City, Mo. "Johnson"  
Sauquoit Knit Products Co., Sauquoit, N. Y.  
Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
Yale Mystic Knitting Co., Malden, Mass.



**CLOTHS, Polishing**

American Textile Products Co., 1515 Coit Av., East Cleveland, O. "No-Mar"  
 Auburn Specialties Co., Auburn, N. Y. "Blitz"  
 Cadie Chemical Products, Inc., 42 E. 23rd, New York, N. Y.  
 Capital Knitting Co., Waterford, N. Y. "AerCel"  
 Dearborn Mfg. Co., Chicago, Ill.  
 Flower City Specialty Co., 250 Mill, Rochester, N. Y. "Elcaro," "MonKlotH"  
 Fricke (J. E.) Co., Phila., Pa.  
 Glad Rag Products Corp., 208 W. 29th, New York, N. Y. "Glad Rag"  
 Gorham Co., 576 Fifth Av., New York, N. Y.  
 Hoffman Crown Mfg. Co., Phila., Pa. "Autoknit," "Happy Roll"  
 Holden Knitting Co., Worcester, Mass.  
 Howard Dustless Duster Co., 493 C., Boston, Mass.  
 "How-Du-Co"  
 Hutchinson & Co., Dallas, Tex. "French"  
 Kosak, Inc., Batavia, N. Y.  
 Las-Stik Mfg. Co., Hamilton, O.  
 Leshner Div. Carey (Philip) Co., Hamilton, O. "Lesco"  
 Louisville Sanitary Wipers Co., Louisville, Ky. "Blue Grass"  
 Massasoit Mfg. Co., 8 White, New York, N. Y. "Artic," "Dandy," "Luna," "Masco"  
 Mosher, J. H., Seneca Falls, N. Y. "Som-Her Wrag"  
 Norwalk Tire & Rubber Co., Norwalk, Conn.  
 Paramount Products Co., Syracuse, N. Y. "Polisheen"  
 Peerless Products Co., Cleveland, O.  
 Pioneer Mfg. Co., Cleveland, O. "Shino"  
 Quality Mfg. Co., Inc., Woburn, Mass. "Quality Antiseptic"  
 Ritzenthaler, John, 73 Franklin, New York, N. Y.  
 Sauquoit Knit Products Co., Sauquoit, N. Y.  
 Textile Bag Corp., 149 Wooster, New York, N. Y. "OKay"  
 Textile Waste Supply Co., Chelsea Station, Boston, Mass. "Textit"  
 Yale Mystic Knitting Co., Malden, Mass.

**CLOTHS, Pressing**

Ezy Slide Pressing Cloth Co., 440 Main, Cincinnati, O.

**CLOTHS, Scrub**

Howard Dustless Duster Co., 493 C., Boston, Mass.  
 Quality Mfg. Co., Inc., Woburn, Mass. "Quality Antiseptic"  
 Ritzenthaler, John, 73 Franklin, New York City.  
 "Ritz"  
 Shen Mfg. Co., 314 Armat, Phila., Pa. "Sunny Maid"

**CLOTHS, Wiping**

American Sanitary Rag Co., 1001 W. North Av., Chicago, Ill.  
 American Wiper & Waste Mills, 511 B'way, Kansas City, Mo.  
 Armstrong Sanitary Wipers Co., 1233 Spring Garden Av., Pittsburgh, Pa.  
 Bishop (Robert) Mfg. Co., S. Boston, Mass.  
 Capital Knitting Co., Waterford, N. Y. "Auto Kleaner"  
 Central Mills Co., 3920 Loomis, Chicago, Ill.  
 Chicago Sanitary Rag Co., 2137 S. Loomis, Chicago, Ill.  
 Delia Waste Products Corp., 1557 Dean, B'klyn, N. Y.  
 De Mert & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
 Detroit Waste Wks., Detroit, Mich.  
 Egan Waste Co., 55 Front, New York, N. Y.  
 Frankford Textile Co., Inc., 4965 Eagle, B'klyn, N. Y.  
 Leshner Div. Carey (Philip) Co., Hamilton, O.  
 "Lesco"  
 Louisville Sanitary Wipers Co., Louisville, Ky.  
 "Blue Grass"  
 Manufacturers Supply Co., 3528 E. 76th, Cleveland, O.  
 Massasoit Mfg. Co., 8 White, New York, N. Y.  
 Mcagher's (Jas.) Sons, San Francisco, Cal.  
 Scheinman-Neaman Co., 1024 Vickroy, Pittsburgh, Pa.  
 Wiping Materials, Inc., 2000 N. Main, St. Louis, Mo.  
**CLOUT NAILS—See Nails, Clout**

**CLUBS, Golf**

Beckley-Ralston Co., 42 W. 22nd, Chicago, Ill.  
 "Stroke Saver," "Trapshooter," "Walloper"  
 Crawford, MacGregor, Canby Co., Dayton, O. "Mac-Gregor"  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Hillerich & Bradsby Co., Louisville, Ky. "H & B Invincible," "Louisville Grand Slam," "Louisville Lo-Skore"  
 Horton Mfg. Co., Bristol, Conn. "Bristol"  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 Kroydon Co., Maplewood, N. J.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Roach (A. J.) Wright & Ditson, Inc., Chicopee, Mass.  
 Royal Mfg. Co., Bowling Green, O.  
 Spaulding (A. G.) & Bros., Chicopee, Mass. "Kro-Flite"  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.  
 Young (L. A.) Golf Co., Detroit, Mich. "Walter Hagen"

**CLUBS, Indian**

Hellenberg (J. R.) Co., Inc., Coldwater, Mich.  
 Medart Co., St. Louis, Mo.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Star Heel Plate Co., 357 Wilson Av., Newark, N. J. (Iron)

**CLUBS, Police**

Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
 Union Hdw. Co., Torrington, Conn.

**COACH PAINTS—See Paints, Automobile, Carriage, Coach, Etc.**

**COACH SCREWS—See Screws, Coach**

**COAL and COKE FORKS—See Forks, Coal and Coke**  
**COAL and GAS COMBINATION RANGES—See Ranges, Coal and Gas, Combination**

**COAL BARROWS—See Wheelbarrows, All Types and Classifications**

**COAL BASKETS—See Baskets, Coal**

**COAL, GAS and ELECTRIC COMBINATION RANGES—See Ranges, Coal, Gas and Electric Combination**

**COAL HEATERS—See Heaters, Coal**

**COAL HODS—See Hods, Coal**

**COAL or WOOD CIRCULATING HEATERS—See Heaters, Circulating, Coal or Wood**

**COAL RANGES—See Ranges, Coal**

**COAL SCREENS—See Screens, Coal, Sand, Etc.**

**COAL SHOVELS—See Shovels, Coal**

**COAL SIFTERS—See Sifters, Ash and Coal**

**COAL STOVE—See Stoves, Coal**

**COAL VASES—See Vases, Coal**

**COAL WAGON CHUTES—See Chutes, Wagon, Coal**

**COAL WATER HEATERS—See Heaters, Water, Coal**

**COAL WEDGES—See Wedges, Coal**

**COAL WINDOW CHUTES—See Chutes, Window, Coal**

**COASTER BRAKES—See Brakes, Coaster**

**COASTER WAGON STACKERS—See Under Fixtures, Display, Hardware**

**COASTER WAGONS—See Wagons, Coaster**

**COASTERS and TRAYS**

Argon Co., Div. Zoro Co., 844 W. Erie, Chicago, Ill.

**COAT COMPASSES—See Compasses, Coat, Pocket and Wrist**

**COAT HANGERS—See Hangers, Garment**

**COAT HOOKS—See Hooks, Coat and Hat**

**COAT RACKS—See Racks, Coat and Hat**

**COATED ABRASIVES—See Abrasives, Coated**

**COATINGS, Metal, Protective**

Evans-Walton Co., 243 W. Congress, Detroit, Mich. "Cellufoil"

**COATINGS, Roof**

American Asphalt Paint Co., 43 E. Ohio, Chicago, Ill. "Valdura"  
 Bird & Son, Inc., East Walpole, Mass. "Neponset"  
 Carey (Philip) Co. (Lockland), Cincinnati, O. "Careyclad"  
 Central Commercial Co., 332 S. Michigan Ave., Chicago, Ill. "Sta-So" (Crushed Slate)  
 Chi-Namel Paint & Varnish Co., 1101-3rd, S. Minneapolis, Minn.  
 Coal Tar Products Co., 570 Smith, Bklyn, N. Y. "Slag"  
 Foster (Benjamin) Co., 20th & Erie Ave., Phila., Pa. "Black Cat," "I. B. M."  
 Grimes (Norman V.) Co., Boonton, N. J. "Grimeo"  
 Herbert Chemical Co., St. Bernard, Cincinnati, O.  
 Herock Mfg. Co., Inc., Phoenixville, Pa. "Dux-Bak"  
 Hetson-Sommers Co., Inc., 211 Norman Av., Brooklyn, N. Y. "Permakote"  
 Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Sure-Seal"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Pecora Paint Co., Lawrence & Venango, Phila., Pa. "Rhino," "Weathertite"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Prestelite Engineering Co., 3800 Chouteau Av., St. Louis, Mo.  
 Standard Asphalt Products Co., Inc., 822 Main, Louisville, Ky.  
 Stelwagon Mfg. Co., 19th & Wash. Av., Phila., Pa. "Kure-a-Leke"  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass. "Silver Lining"  
 United Gilsonite Laboratories, Scranton, Pa. "Lastikote"  
 United States Refining Co., 1271 W. 11th, Cleveland, O.  
 Weaver-Wall Co., 3700 Brook Park Rd., Cleveland, O. "Peerless"  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**COATINGS, Wall**

(See also Kalsomine)

Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich. "Alabastine"  
 Felton, Silbey & Co., Inc., 146 N. 4th, Phila., Pa.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
 Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Calclimo," "Calcite," "Cal-O-Tint," "Dutch," "Muralo," "Muracol," "Suntone," "Tinto," "Victor"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Reardon (The) Co., St. Louis, Mo. "Cresto"  
 United States Kalsomine Co., 50 Church, New York, N. Y. "U-Kal-O"

**COATS, Sport**

Drybak Corp., Binghamton, N. Y.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Super Dux Co., 12th & Michigan Av., Detroit, Mich. "Super Dux"  
**COBBLERS' KNIVES—See Knives, Shoe**  
**COBBLERS' LASTS and STANDS—See Lasts and Stands, Cobblers**  
**COBBLERS' NAILS—See Nails, Shoe; also Tacks, Shoe**  
**COBBLERS' OUTFITS—See Outfits, Cobblers'**  
**COBBLERS' SETS—See Outfits, Cobblers'**

**COCKS, Ball**

Coyne & Delany Co., 830 Kent Av., Brooklyn, N. Y.  
 Curtin (A. F.) Valve Co., 76 Ship Av., Medford, Mass.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 Exeter Brass Works, Exeter, N. H.  
 Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.  
 Rockford Brass Works, Rockford, Ill.  
 Williams-Bowman Rubber Co., 1939 S. 54th Av., Cicero, Ill.

**COCKS, Drain**

Atlas Brass Fdry. Co., Columbus, O.  
 Barnes Mfg. Co., Mansfield, O.  
 Brass Products Co., Detroit, Mich.  
 Cochrane (J. A.) Brass Mfg. Co., Cleveland, O.  
 Commonwealth Brass Corp., Detroit, Mich.  
 Detroit Brass & Malleable Wks., Detroit, Mich.  
 Detroit Lubricator Co., Detroit, Mich.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Fisher Brass, Inc., Marysville, O.  
 Imperial Brass Mfg. Co., Chicago, Ill. Av., Phila., Pa.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"  
 Lincoln Brass Wks., Detroit, Mich.  
 Lunkenheimer Co., Cincinnati, O.  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

**COCKS, Gas**

Belfield (H.) Co., Phila., Pa.  
 Centre Brass Works, Inc., 72 Spring, New York, N. Y.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Healey (Peter) Brass Fdry. Co., Evansville, Ind.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"  
 Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

**COCKS, Gauge**

Detroit Lubricator Co., 5842 Trumbull Av., Detroit, Mich.  
 Essex Brass Corp., 2000 Franklin, Detroit, Mich.  
 Jarecki Mfg. Co., Erie, Pa.  
 Lonergan (J. E.) Co., 205 Race, Phila., Pa.  
 Lunkenheimer Co., Cincinnati, O.  
 Reliance Gauge Column Co., 5936 Carnegie Av., Cleveland, O.  
 Roberts Brass Mfg. Co., Fort & Morrill, Detroit, Mich.  
 Shaffer (J. E.) Co., Tulsa, Okla. "Shaffer"  
 Walworth Co., 60 E. 42nd, New York, N. Y.

**COCKS, Pet**

Belfield (H.) Co., Phila., Pa.  
 Brass Products Co., Detroit, Mich.  
 Centre Brass Works, Inc., 72 Spring, New York, N. Y.  
 Commonwealth Brass Corp., Detroit, Mich.  
 Detroit Brass & Malleable Wks., Detroit, Mich.  
 Detroit Lubricator Co., Detroit, Mich.  
 Dole Valve Co., Chicago, Ill.  
 Edelmann (E.) & Co., Chicago, Ill.  
 Haydensville Co., Haydensville, Mass.  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 Jarecki Mfg. Co., Erie, Pa.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lincoln Brass Wks., Detroit, Mich.  
 Lunkenheimer Co., Cincinnati, O.  
 National Brass Mfg. Co., Rochester, N. Y.  
 Powell (Wm.) Co., Cincinnati, O.  
 Roberts Brass Mfg. Co., Detroit, Mich.  
 Walworth Co., 60 E. 42nd, New York, N. Y.



# MERCURY



Presenting 1940's most beautiful  
bicycles. A complete line, out-  
standing in style, performance  
and value.

# BICYCLES





# *Deluxe Appeal* WITH A VOLUME PRICE TAG

★ Here is the most important bicycle news of 1940. A bicycle that is 'way ahead in style, and featuring with many other outstanding details The Stewart Warner Floating Front Hub. Yet the price is surprisingly moderate. ★ Place this model on your floor, in competition with any other make. Then notice how it automatically becomes the center of interest. ★ This fully-equipped job is making sales records all over the country. It offers an important profit opportunity you cannot afford to miss. Write now for the complete catalog and price list.

**THE MURRAY OHIO MANUFACTURING CO., CLEVELAND, OHIO**



# MERCURY



**COCKS, Still**

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
American Brass Mfg. Co., Cleveland, O.  
Barnes Mfg. Co., Mansfield, O.  
Bell (David) Co., Inc., Buffalo, N. Y.  
Brass Products Co., 3661 E. Palmer, Detroit, Mich.  
Capitol Brass Wks., Detroit, Mich.  
Central Brass Mfg. Co., Cleveland, O.  
Chicago Faucet Co., Chicago, Ill.  
Cochrane (J. A.) Brass Mfg. Co., Cleveland, O.  
Duck Bros., Reading, Pa.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
"Dumaco"  
Empire Brass Mfg. Co., Cleveland, O.  
Exeter Brass Wks., Exeter, N. H.  
Fisher Brass Inc., Marysville, O.  
Frost-Proof Hydrant Co., Trenton, O. "Frost-Proof"  
Globe Brass Mfg. Co., Cleveland, O.  
Haydenville Co., Haydenville, Mass.  
Hays Mfg. Co., Erie, Pa.  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "UNIVERSAL"  
Kestone Brass & Rubber Co., Broad and Lehigh Aves., Phila., Pa.  
Ladders, Frary & Clark, New Britain, Conn.  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Milwaukee Brass Mfg. Co., Milwaukee, Wis.  
Muller Co., Decatur, Ill.  
Nelson (N. O.) Mfg. Co., St. Louis, Mo.  
Rockford Brass Works, Rockford, Ill.  
Royal Brass Mfg. Co., Cleveland, O. "Royal"  
Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
Sterling Faucet Co., Newcomerstown, O.  
Walworth Co., 60 E. 42nd, New York, N. Y.  
Woodford Hydrant Co., Des Moines, Ia. "Freezeless"

**COCKS, Stop and Waste**

American Brass Mfg. Co., Cleveland, O.  
Barnes Mfg. Co., Mansfield, O.  
Boslin Co., Warren, Pa.  
Brass Products Co., Detroit, Mich.  
Capitol Brass Wks., Detroit, Mich.  
Central Brass Mfg. Co., Cleveland, O.  
Cleveland Brass Mfg. Co., 4608 Hamilton Av., Cleveland, O. "Barrett"  
Cochrane (J. A.) Brass Mfg. Co., Cleveland, O.  
Commonwealth Brass Corp., Detroit, Mich.  
Detroit Brass & Malleable Wks., Detroit, Mich.  
Duck Bros., Reading, Pa.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
"Dumaco"  
Empire Brass Mfg. Co., Cleveland, O.  
Exeter Brass Wks., Exeter, N. H.  
Fisher Brass Wks., Cleveland, O.  
Fisher Brass Inc., Marysville, O.  
Flannery (P. J.) Co., New Britain, Conn. "P. J. F."  
Haydenville Co., Haydenville, Mass.  
Hays Mfg. Co., Erie, Pa.  
Haley (Peter) Brass Fdry. Co., Evansville, Ind.  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "UNIVERSAL"  
Kestone Brass & Rubber Co., Broad and Lehigh Aves., Phila., Pa.  
Kelsey & Mahler Co., Peoria, Ill.  
Kilson Co., Phila., Pa.  
Knox Mfg. Co., Phila., Pa.  
Krenz (Oscar) Copper & Brass Wks., San Francisco, Cal.  
Kupperle (John C.) Fdry. Co., St. Louis, Mo.  
Ladders, Frary & Clark, New Britain, Conn. "Simplex"  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Milwaukee Brass Mfg. Co., Milwaukee, Wis.  
Muller Co., Decatur, Ill.  
Nelson (N. O.) Mfg. Co., St. Louis, Mo.  
Rockford Brass Works, Rockford, Ill.  
Rundle-Spence Mfg. Co., Milwaukee, Wis.  
Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
Sterling Faucet Co., Newcomerstown, O.  
Walworth Co., 60 E. 42nd, New York, N. Y.  
**COCKTAIL MIXERS**—See Mixers, Cocktail  
**COCKTAIL SETS**—See Sets, Cocktail  
**COCOA MATS**—See Mats and Mattings, Cocoa  
**COCOA MATTINGS**—See Mats and Mattings, Cocoa  
**COCOANUT GRATERS**—See Graters, Vegetable.  
**COFFEE BREWERS**—See Coffee Makers  
**COFFEE FILTERS**—See Filters, Coffee  
**COFFEE GRINDERS**—See Mills, Coffee or Spice  
**COFFEE HULLERS**—See Hullers, Coffee

**COFFEE MAKERS**

Aluminum Products Co., La Grange, Ill. "Lifetime" Thermaware"  
Armstrong Co., 108 N. Water, Milwaukee, Wis.  
"Filterstone"  
Buckeye Aluminum Co., Wooster, O. "Drip-Drop"  
Chicago Flexible Shaft Co., Chicago, Ill. "Sunbeam"  
Corning Glass Wks., Corning, N. Y. "Pyrex"  
Ecolite Corp., Trenton, N. J. "Brew-Rest"  
Enterprise Aluminum Co., Massillon, O. "Drip-O-Lator"  
Exeter (S. W.), Inc., 141 S. 5th, B'klyn, N. Y.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
Hart (A. C.) Co., New Haven, Conn. "Zor"  
Hess Coffee Brewer Corp., Dept. 32, 825 N. Wells, Chicago, Ill. "Cory"  
Rockford Products Corp., Hartford, Conn. "Cafex"  
Shaw Co., 811 No. Desplaines, Chicago, Ill. "Kitchen Queen" "Vaculator"  
Ladders, Frary & Clark, New Britain, Conn. "Universal"

Leyse Aluminum Co., Kewanee, Wis. "Dripmaster"  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
Macbeth-Evans Glass Co., Div. Corning Glass Wks., Charleroi, Pa. "Crystal Chef"  
Manning, Bowman & Co., Meriden, Conn.  
Miracle Products, Inc., 36 S. State, Chicago, Ill.  
Moore Enameling & Mfg. Co., West Lafayette, O.  
"Enamart", "Marblart", "Memco Decorated", "Memco Standard", "Moore"  
National Stamping & Electric Wks., 3220 W. Lake, Chicago, Ill. "White Cross"  
Porcelain Mfg. Co., Greensburg, Pa.  
Process Metal Corp., Lockport, N. Y. "Krom-Alume"  
Samson-United Corp., Rochester, N. Y.  
Silex Co., Hartford, Conn. "Silex"  
Sunlite Co., Milwaukee, Wis. "Nuway"  
Tricolorator Co., Inc., 135 5th Av., New York, N. Y.  
United States Stamping Co., Moundsville, W. Va. "Bon Marche"  
Wesco Mfg. Co., Chicago, Ill. "Visi-Vac"  
West Bend Aluminum Co., West Bend, Wis. "Dri-ette", "Kwik Drip", "West Bend"  
Westinghouse Electric Mfg. Co., Mansfield, O.

**COFFEE MILLS**—See Mills, Coffee

**COFFEE PERCOLATORS**—See Percolators, Coffee

**COFFEE POTS**—See Pots, Coffee

**COFFEE PULPERS**—See Pulpers, Coffee

**COFFEE STRAINERS**—See Strainers, Tea and Coffee

**COFFEE URNS**—See Urns, Coffee

**COIL CHAIN**—See Chain, Coil

**COIL FILES**—See Files, Coil

**COIL SPRINGS**—See Springs, Machinery or Coil also Springs, Small

**COIN CONTROLLED LOCKS**—See Locks, Coin Controlled

**COIN OPERATED SWITCHES**—See Switches, Coin Operated

**COKE and COAL FORKS**—See Forks, Coal and Coke

**COLD BLAST LANTERNS**—See Lanterns, Cold Blast

**COLD CHISELS**—See Chisels, Cold

**COLD DRAWN STEEL BARS**—See Steel, Cold Drawn Bar

**COLD PACK CANNERS**—See Canners, Cold Pack

**COLD PACK CANNING RACKS**—See Racks, Canning, Cold Pack

**COLD PRESSED NUTS**—See Nuts, Cold Punched

**COLD PUNCHED NUTS**—See Nuts, Cold Punched

**COLD SHUTS**—See Shuts, Cold

**COLD SOLDER**—See Metal, Plastic

**COLD WATER GLUE**—See Glue, Cold Water

**COLD WATER PAINTS**—See Paints, Water; also Paints, Casein; Kalsomine and Coatings, Wall

**COLLAPSIBLE CAMP OVENS**—See Ovens, Camp Collapsible

**COLLAPSIBLE MASONRY SCAFFOLDS**—See Scaffolds, Masonry

**COLLAPSIBLE SCAFFOLDINGS**—See Scaffoldings, Collapsible

**COLLAPSIBLE SAW HORSE LEGS**—See Legs, Saw Horse

**COLLARS, Dog**

American Chain Div. American Chain & Cable Co. Inc., Bridgeport, Conn.  
American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
Baltimore Leather Goods Co., Baltimore, Md.  
Brauer Bros., Inc., St. Louis, Mo. "Moose Brand"  
Cargill-Cleveland & Co., Westfield, Mass.  
Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
Craftsman Leather Specialty Co., Dayton, O.  
Decker, J. C., Inc., Montgomery, Pa.  
Empire Dog Furnishing Corp., 171 Greene, New York, N. Y.  
Fritz Bros., Meriden, Conn.  
Graton & Knight Co., Worcester, Mass.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Improved Mfg. Co., 58 Montgomery, Jersey City, N. J.  
Kraus (Edw. E.) & Son, Milwaukee, Wis.  
Lefkowitz (Louis) & Bro., Inc., 25 Water, New Brunswick, N. J.  
Montauk Leather Specialty Co., 3 W. 19th, New York, N. Y.  
Pine Geo. D., 89 Chambers, New York, N. Y.  
Reznier (T. J.) Inc., Springfield, Mass. "Kennel King"  
Rome Sporting Goods Mfg. Co., Rome, N. Y.  
Schaefer, A. W., 323 St. Nicholas Av., Bklyn., N. Y.  
Schoellkopf Co., Dallas, Tex.  
Smith-Worthington Saddlery Co., Hartford, Conn.  
Southern Saddlery Co., Inc., Chattanooga, Tenn.  
Stevens (Walter B.) & Sons, 155 W. B'way, New York, N. Y.  
Torrence (J. S.) Sales Co., Los Angeles, Cal.  
Weider (John A.) & Son, Inc., 25 Spring, Rochester, N. Y.  
Wilson, Wm. A., 50 Warren, New York, N. Y.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**COLLARS, Stove Pipe**

Acorn Elbow & Mfg. Co., Cleveland, O. (Aluminum)  
Dover Stamping & Mfg. Co., Cambridge, Mass.  
Hall & Carpenter, Phila., Pa. "Crown"  
Hawes (S. M.) Co., Boston, Mass.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
McAleer (E. J.) & Co., Inc., 1422 N. 8th, Phila., Pa.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Northwest Metal Products, Inc., Seattle, Wash.  
Ohio Stove Pipe & Mfg. Co., 2104 Woodland Av., Cleveland, O. "Ohio" (Chrome, Nickel & Aluminum)  
Savery, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
Stratton & Gerstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"  
Whooling Corrugating Co., Wheeling, W. Va.  
Wilder Mfg. Co., 2001 S. Main, Niles, O. "Wilder-gloss"

**COLONIAL HARDWARE**—See Wrought Iron Hardware

**COLORS CHALK**—See Chalk, Colored

**COLORS DINNER WARE**—See Ware, Dinner, Colored

**COLORS GLASS**—See Glass, Colored

**COLORING and FROSTING, Lamp**

Day (James B.) & Co., 1872 Clybourn Av., Chicago, Ill. "Cefco"  
McGill Mfg. Co., Valparaiso, Ind. "Crescent"  
McKay Co., 275 Water, New York, N. Y. "Beacon"  
"Velvet Frost"  
Rosco Laboratories, 367 Hudson Av., B'klyn, N. Y.  
**COLORING OUTFITS, Children's**—See Outfits, Painting, Children's

Beard (H. B.) & Co., York, Pa.  
Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
Boyt Harness Co., Des Moines, Ia. "Air-Cushion"  
Burton Mfg. Co., Jasper, Ala.  
Clinton Saddlery Co., Clinton, Ia.  
Couch Bros. Mfg. Co., Atlanta, Ga. "Geehaw", "Lankford", "Lankford Junior", "Samson", "Old Beck", "Premier"  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Dakota Harness & Hdw. Co., Fargo, N. Dak.  
Dobson-Fisher Co., Minneapolis, Minn.  
Dusman, N. E., York, Pa.  
Ferguson Co., 1000 B'way, Paducah, Ky.  
Friend (Chas.) & Son, Inc., 343 St. Paul, Minn.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Goetz Saddlery Co., Ranson, W. Va.  
Harbison & Gathright, Inc., Louisville, Ky.  
Harmann Bros. Co., Lincoln, Neb.  
Harrer, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Heiser (Hermann H.) Saddlery Co., Denver, Colo.  
Hermann-Brown Low Co., Springfield, Mo. "Eclipse"  
Hess & Hopkins Leather Co., Rockford, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Jackson (A. D.) Saddlery Co., Benton, Ill.  
Jim Dandy Collar Co., Bradford, Ill. "Two-In-One"  
Kentucky Whip & Collar Co., Eddyville, Ky.  
Keystone Bros., 755 Mission, San Francisco, Cal.  
Kress Collar Co., Green Bay, Wis.  
Langenbrunner Leather Goods Co., Cincinnati, O. "Cin-O", "Best Made"  
Lea Co., Elgin, Ill.  
Leather Products, Inc., Sheboygan, Wis. "Fitzall"  
Lentz, A. C., Gold Hill, N. C.  
Lichtenberger-Ferguson Co., 352 S. Los Angeles, Los Angeles, Cal.  
McConnell (S. R. & I. C.) Co., Burlington, Ia.  
Merchants Supply Co., Ft. Wayne, Ind.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Olmsted Co., 235 W. Water, Syracuse, N. Y.  
Orman Partee Saddlery Co., Nashville, Tenn.  
Padgett Bros. Co., Dallas, Tex. "Broncho"  
Powers Mfg. Co., Waterloo, Ia. "Humane"  
Regnier (T. J.) Inc., Springfield, Mass.  
Schoffer & Rossum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"  
Schoellkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Schwatt (J. B.), Quincy, Ill. "Noxall"  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind. "Dura-Cloth", "Dura-Tan"  
Shelbyville Harness Co., Shelbyville, Tenn.  
Smith Sons Harness Co., Inc., Buffalo, N. Y.  
Smith-Worthington Saddlery Co., Hartford, Conn.  
Southern Saddlery Co., Inc., Chattanooga, Tenn.  
Standard Products Mfg. Co., Milwaukee, Wis.  
Sternberg (A.) Saddlery, Albany, Ore.  
Stratton-Warren Hdw. Co., Memphis, Tenn. "Elk"  
Straus-Bodenheimer Co., Houston, Tex. "Star Brand"  
Strecker Bros. Co., Marietta, O.  
Texas Tanning & Mfg. Co., Yoakum, Tex. "Hereford"  
Van Nostrand Saddlery Co., Muscatine, Ia. "Janco"  
Van Voorhies-Phinney Co., Sacramento, Cal.  
Vogel, Adolf, San Antonio, Tex. "Vogel"  
Walsh Harness Co., Milwaukee, Wis.  
Wayne Saddlery Co., Wayne, Mich.  
Weider (John A.) & Son, Inc., Rochester, N. Y.  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

Beard (H. B.) & Co., York, Pa.  
Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
Boyt Harness Co., Des Moines, Ia. "Air-Cushion"  
Burton Mfg. Co., Jasper, Ala.  
Clinton Saddlery Co., Clinton, Ia.  
Couch Bros. Mfg. Co., Atlanta, Ga. "Geehaw", "Lankford", "Lankford Junior", "Samson", "Old Beck", "Premier"  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Dakota Harness & Hdw. Co., Fargo, N. Dak.  
Dobson-Fisher Co., Minneapolis, Minn.  
Dusman, N. E., York, Pa.  
Ferguson Co., 1000 B'way, Paducah, Ky.  
Friend (Chas.) & Son, Inc., 343 St. Paul, Minn.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Goetz Saddlery Co., Ranson, W. Va.  
Harbison & Gathright, Inc., Louisville, Ky.  
Harmann Bros. Co., Lincoln, Neb.  
Harrer, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Heiser (Hermann H.) Saddlery Co., Denver, Colo.  
Hermann-Brown Low Co., Springfield, Mo. "Eclipse"  
Hess & Hopkins Leather Co., Rockford, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Jackson (A. D.) Saddlery Co., Benton, Ill.  
Jim Dandy Collar Co., Bradford, Ill. "Two-In-One"  
Kentucky Whip & Collar Co., Eddyville, Ky.  
Keystone Bros., 755 Mission, San Francisco, Cal.  
Kress Collar Co., Green Bay, Wis.  
Langenbrunner Leather Goods Co., Cincinnati, O. "Cin-O", "Best Made"  
Lea Co., Elgin, Ill.  
Leather Products, Inc., Sheboygan, Wis. "Fitzall"  
Lentz, A. C., Gold Hill, N. C.  
Lichtenberger-Ferguson Co., 352 S. Los Angeles, Los Angeles, Cal.  
McConnell (S. R. & I. C.) Co., Burlington, Ia.  
Merchants Supply Co., Ft. Wayne, Ind.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Olmsted Co., 235 W. Water, Syracuse, N. Y.  
Orman Partee Saddlery Co., Nashville, Tenn.  
Padgett Bros. Co., Dallas, Tex. "Broncho"  
Powers Mfg. Co., Waterloo, Ia. "Humane"  
Regnier (T. J.) Inc., Springfield, Mass.  
Schoffer & Rossum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"  
Schoellkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Schwatt (J. B.), Quincy, Ill. "Noxall"  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind. "Dura-Cloth", "Dura-Tan"  
Shelbyville Harness Co., Shelbyville, Tenn.  
Smith Sons Harness Co., Inc., Buffalo, N. Y.  
Smith-Worthington Saddlery Co., Hartford, Conn.  
Southern Saddlery Co., Inc., Chattanooga, Tenn.  
Standard Products Mfg. Co., Milwaukee, Wis.  
Sternberg (A.) Saddlery, Albany, Ore.  
Stratton-Warren Hdw. Co., Memphis, Tenn. "Elk"  
Straus-Bodenheimer Co., Houston, Tex. "Star Brand"  
Strecker Bros. Co., Marietta, O.  
Texas Tanning & Mfg. Co., Yoakum, Tex. "Hereford"  
Van Nostrand Saddlery Co., Muscatine, Ia. "Janco"  
Van Voorhies-Phinney Co., Sacramento, Cal.  
Vogel, Adolf, San Antonio, Tex. "Vogel"  
Walsh Harness Co., Milwaukee, Wis.  
Wayne Saddlery Co., Wayne, Mich.  
Weider (John A.) & Son, Inc., Rochester, N. Y.  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

Beard (H. B.) & Co., York, Pa.  
Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
Boyt Harness Co., Des Moines, Ia. "Air-Cushion"  
Burton Mfg. Co., Jasper, Ala.  
Clinton Saddlery Co., Clinton, Ia.  
Couch Bros. Mfg. Co., Atlanta, Ga. "Geehaw", "Lankford", "Lankford Junior", "Samson", "Old Beck", "Premier"  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Dakota Harness & Hdw. Co., Fargo, N. Dak.  
Dobson-Fisher Co., Minneapolis, Minn.  
Dusman, N. E., York, Pa.  
Ferguson Co., 1000 B'way, Paducah, Ky.  
Friend (Chas.) & Son, Inc., 343 St. Paul, Minn.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Goetz Saddlery Co., Ranson, W. Va.  
Harbison & Gathright, Inc., Louisville, Ky.  
Harmann Bros. Co., Lincoln, Neb.  
Harrer, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Heiser (Hermann H.) Saddlery Co., Denver, Colo.  
Hermann-Brown Low Co., Springfield, Mo. "Eclipse"  
Hess & Hopkins Leather Co., Rockford, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Jackson (A. D.) Saddlery Co., Benton, Ill.  
Jim Dandy Collar Co., Bradford, Ill. "Two-In-One"  
Kentucky Whip & Collar Co., Eddyville, Ky.  
Keystone Bros., 755 Mission, San Francisco, Cal.  
Kress Collar Co., Green Bay, Wis.  
Langenbrunner Leather Goods Co., Cincinnati, O. "Cin-O", "Best Made"  
Lea Co., Elgin, Ill.  
Leather Products, Inc., Sheboygan, Wis. "Fitzall"  
Lentz, A. C., Gold Hill, N. C.  
Lichtenberger-Ferguson Co., 352 S. Los Angeles, Los Angeles, Cal.  
McConnell (S. R. & I. C.) Co., Burlington, Ia.  
Merchants Supply Co., Ft. Wayne, Ind.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Olmsted Co., 235 W. Water, Syracuse, N. Y.  
Orman Partee Saddlery Co., Nashville, Tenn.  
Padgett Bros. Co., Dallas, Tex. "Broncho"  
Powers Mfg. Co., Waterloo, Ia. "Humane"  
Regnier (T. J.) Inc., Springfield, Mass.  
Schoffer & Rossum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"  
Schoellkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Schwatt (J. B.), Quincy, Ill. "Noxall"  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind. "Dura-Cloth", "Dura-Tan"  
Shelbyville Harness Co., Shelbyville, Tenn.  
Smith Sons Harness Co., Inc., Buffalo, N. Y.  
Smith-Worthington Saddlery Co., Hartford, Conn.  
Southern Saddlery Co., Inc., Chattanooga, Tenn.  
Standard Products Mfg. Co., Milwaukee, Wis.  
Sternberg (A.) Saddlery, Albany, Ore.  
Stratton-Warren Hdw. Co., Memphis, Tenn. "Elk"  
Straus-Bodenheimer Co., Houston, Tex. "Star Brand"  
Strecker Bros. Co., Marietta, O.  
Texas Tanning & Mfg. Co., Yoakum, Tex. "Hereford"  
Van Nostrand Saddlery Co., Muscatine, Ia. "Janco"  
Van Voorhies-Phinney Co., Sacramento, Cal.  
Vogel, Adolf, San Antonio, Tex. "Vogel"  
Walsh Harness Co., Milwaukee, Wis.  
Wayne Saddlery Co., Wayne, Mich.  
Weider (John A.) & Son, Inc., Rochester, N. Y.  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

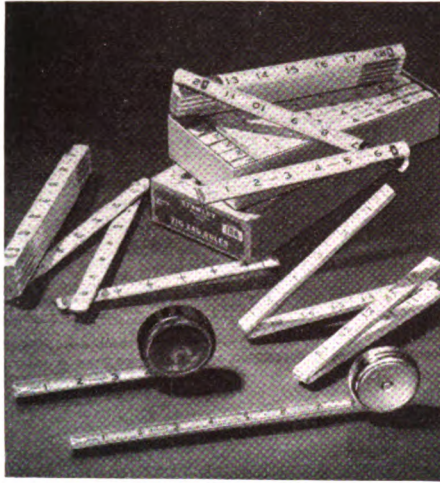
Beard (H. B.) & Co., York, Pa.  
Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
Boyt Harness Co., Des Moines, Ia. "Air-Cushion"  
Burton Mfg. Co., Jasper, Ala.  
Clinton Saddlery Co., Clinton, Ia.  
Couch Bros. Mfg. Co., Atlanta, Ga. "Geehaw", "Lankford", "Lankford Junior", "Samson", "Old Beck", "Premier"  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Dakota Harness & Hdw. Co., Fargo, N. Dak.  
Dobson-Fisher Co., Minneapolis, Minn.  
Dusman, N. E., York, Pa.  
Ferguson Co., 1000 B'way, Paducah, Ky.  
Friend (Chas.) & Son, Inc., 343 St. Paul, Minn.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Goetz Saddlery Co., Ranson, W. Va.  
Harbison & Gathright, Inc., Louisville, Ky.  
Harmann Bros. Co., Lincoln, Neb.  
Harrer, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Heiser (Hermann H.) Saddlery Co., Denver, Colo.  
Hermann-Brown Low Co., Springfield, Mo. "Eclipse"  
Hess & Hopkins Leather Co., Rockford, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Jackson (A. D.) Saddlery Co., Benton, Ill.  
Jim Dandy Collar Co., Bradford, Ill. "Two-In-One"  
Kentucky Whip & Collar Co., Eddyville, Ky.  
Keystone Bros., 755 Mission, San Francisco, Cal.  
Kress Collar Co., Green Bay, Wis.  
Langenbrunner Leather Goods Co., Cincinnati, O. "Cin-O", "Best Made"  
Lea Co., Elgin, Ill.  
Leather Products, Inc., Sheboygan, Wis. "Fitzall"  
Lentz, A. C., Gold Hill, N. C.  
Lichtenberger-Ferguson Co., 352 S. Los Angeles, Los Angeles, Cal.  
McConnell (S. R. & I. C.) Co., Burlington, Ia.  
Merchants Supply Co., Ft. Wayne, Ind.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Olmsted Co., 235 W. Water, Syracuse, N. Y.  
Orman Partee Saddlery Co., Nashville, Tenn.  
Padgett Bros. Co., Dallas, Tex. "Broncho"  
Powers Mfg. Co., Waterloo, Ia. "Humane"  
Regnier (T. J.) Inc., Springfield, Mass.  
Schoffer & Rossum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"  
Schoellkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Schwatt (J. B.), Quincy, Ill. "Noxall"  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind. "Dura-Cloth", "Dura-Tan"  
Shelbyville Harness Co., Shelbyville, Tenn.  
Smith Sons Harness Co., Inc., Buffalo, N. Y.  
Smith-Worthington Saddlery Co., Hartford, Conn.  
Southern Saddlery Co., Inc., Chattanooga, Tenn.  
Standard Products Mfg. Co., Milwaukee, Wis.  
Sternberg (A.) Saddlery, Albany, Ore.  
Stratton-Warren Hdw. Co., Memphis, Tenn. "Elk"  
Straus-Bodenheimer Co., Houston, Tex. "Star Brand"  
Strecker Bros. Co., Marietta, O.  
Texas Tanning & Mfg. Co., Yoakum, Tex. "Hereford"  
Van Nostrand Saddlery Co., Muscatine, Ia. "Janco"  
Van Voorhies-Phinney Co., Sacramento, Cal.  
Vogel, Adolf, San Antonio, Tex. "Vogel"  
Walsh Harness Co., Milwaukee, Wis.  
Wayne Saddlery Co., Wayne, Mich.  
Weider (John A.) & Son, Inc., Rochester, N. Y.  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

Beard (H. B.) & Co., York, Pa.  
Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
Boyt Harness Co., Des Moines, Ia. "Air-Cushion"  
Burton Mfg. Co., Jasper, Ala.  
Clinton Saddlery Co., Clinton, Ia.  
Couch Bros. Mfg. Co., Atlanta, Ga. "Geehaw", "Lankford", "Lankford Junior", "Samson", "Old Beck", "Premier"  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Dakota Harness & Hdw. Co., Fargo, N. Dak.  
Dobson-Fisher Co., Minneapolis, Minn.  
Dusman, N. E., York, Pa.  
Ferguson Co., 1000 B'way, Paducah, Ky.  
Friend (Chas.) & Son, Inc., 343 St. Paul, Minn.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Goetz Saddlery Co., Ranson, W. Va.  
Harbison & Gathright, Inc., Louisville, Ky.  
Harmann Bros. Co., Lincoln, Neb.  
Harrer, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Heiser (Hermann H.) Saddlery Co., Denver, Colo.  
Hermann-Brown Low Co., Springfield, Mo. "Eclipse"  
Hess & Hopkins Leather Co., Rockford, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Jackson (A. D.) Saddlery Co., Benton, Ill.  
Jim Dandy Collar Co., Bradford, Ill. "Two-In-One"  
Kentucky Whip & Collar Co., Eddyville, Ky.  
Keystone Bros., 755 Mission, San Francisco, Cal.  
Kress Collar Co., Green Bay, Wis.  
Langenbrunner Leather Goods Co., Cincinnati, O. "Cin-O", "Best Made"  
Lea Co., Elgin, Ill.  
Leather Products, Inc., Sheboygan, Wis. "Fitzall"  
Lentz, A. C., Gold Hill, N. C.  
Lichtenberger-Ferguson Co., 352 S. Los Angeles, Los Angeles, Cal.  
McConnell (S. R. & I. C.) Co., Burlington, Ia.  
Merchants Supply Co., Ft. Wayne, Ind.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Olmsted Co., 235 W. Water, Syracuse, N. Y.  
Orman Partee Saddlery Co., Nashville, Tenn.  
Padgett Bros. Co., Dallas, Tex. "Broncho"  
Powers Mfg. Co., Waterloo, Ia. "Humane"  
Regnier (T. J.) Inc., Springfield, Mass.  
Schoffer & Rossum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"  
Schoellkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Schwatt (J. B.), Quincy, Ill. "Noxall"  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind. "Dura-Cloth", "Dura-Tan"  
Shelbyville Harness Co., Shelbyville, Tenn.  
Smith Sons Harness Co., Inc., Buffalo, N. Y.  
Smith-Worthington Saddlery Co., Hartford, Conn.  
Southern Saddlery Co., Inc., Chattanooga, Tenn.  
Standard Products Mfg. Co., Milwaukee, Wis.  
Sternberg (A.) Saddlery, Albany, Ore.  
Stratton-Warren Hdw. Co., Memphis, Tenn. "Elk"  
Straus-Bodenheimer Co., Houston, Tex. "Star Brand"  
Strecker Bros. Co., Marietta, O.  
Texas Tanning & Mfg. Co., Yoakum, Tex. "Hereford"  
Van Nostrand Saddlery Co., Muscatine, Ia. "Janco"  
Van Voorhies-Phinney Co., Sacramento, Cal.  
Vogel, Adolf, San Antonio, Tex. "Vogel"  
Walsh Harness Co., Milwaukee, Wis.  
Wayne Saddlery Co., Wayne, Mich.  
Weider (John A.) & Son, Inc., Rochester, N. Y.  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

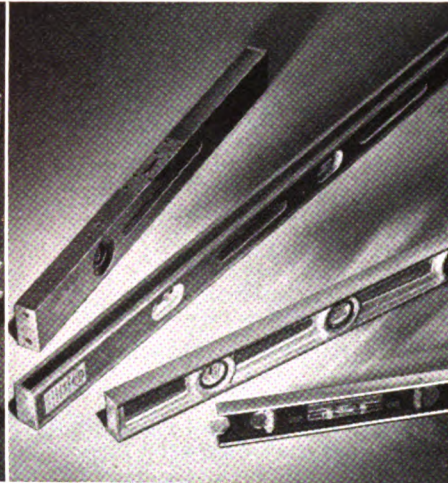
Beard (H. B.) & Co., York, Pa.  
Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
Boyt Harness Co., Des Moines, Ia. "Air-Cushion"  
Burton Mfg. Co., Jasper, Ala.  
Clinton Saddlery Co., Clinton, Ia.  
Couch Bros. Mfg. Co., Atlanta, Ga. "Geehaw", "Lankford", "Lankford Junior", "Samson", "Old Beck", "Premier"  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Dakota Harness & Hdw. Co., Fargo, N. Dak.  
Dobson-Fisher Co., Minneapolis, Minn.  
Dusman, N. E., York, Pa.  
Ferguson Co., 1000 B'way, Paducah, Ky.  
Friend (Chas.) & Son, Inc., 343 St. Paul, Minn.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Goetz Saddlery Co., Ranson, W. Va.  
Harbison & Gathright, Inc., Louisville, Ky.  
Harmann Bros. Co., Lincoln, Neb.  
Harrer, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Heiser (Hermann H.) Saddlery Co., Denver, Colo.  
Hermann-Brown Low Co., Springfield, Mo. "Eclipse"  
Hess & Hopkins Leather Co., Rockford, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Jackson (A. D.) Saddlery Co., Benton, Ill.  
Jim Dandy Collar Co., Bradford, Ill. "Two-In-One"  
Kentucky Whip & Collar Co., Eddyville, Ky.  
Keystone Bros., 755 Mission, San Francisco, Cal.  
Kress Collar Co., Green Bay, Wis.  
Langenbrunner Leather Goods Co., Cincinnati, O. "Cin-O", "Best Made"  
Lea Co., Elgin, Ill.  
Leather Products, Inc., Sheboygan, Wis. "Fitzall"  
Lentz, A. C., Gold Hill, N. C.  
Lichtenberger-Ferguson Co., 352 S. Los Angeles, Los Angeles, Cal.  
McConnell (S. R. & I. C.) Co., Burlington, Ia.  
Merchants Supply Co., Ft. Wayne, Ind.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Olmsted Co., 235 W. Water, Syracuse, N. Y.  
Orman Partee Saddlery Co., Nashville, Tenn.  
Padgett Bros. Co., Dallas, Tex. "Broncho"  
Powers Mfg. Co., Waterloo, Ia. "Humane"  
Regnier (T. J.) Inc., Springfield, Mass.  
Schoffer & Rossum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"  
Schoellkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Schwatt (J. B.), Quincy, Ill. "Noxall"  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind. "Dura-Cloth", "Dura-Tan"  
Shelbyville Harness Co., Shelbyville, Tenn.  
Smith Sons Harness Co., Inc., Buffalo, N. Y.  
Smith-Worthington Sadd



# "The Tool Box"



• RULES •

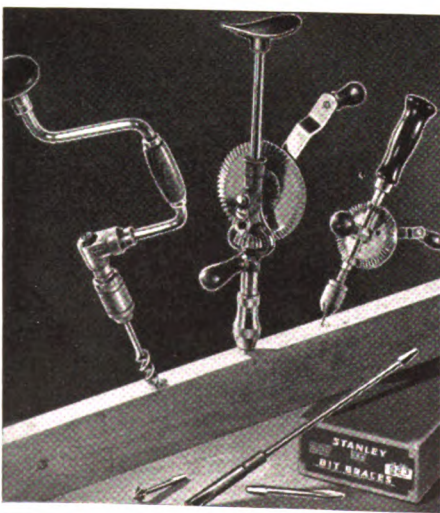


• LEVELS •



• PLANES •

# STANLEY



• BORING TOOLS •



• SCREW DRIVERS •

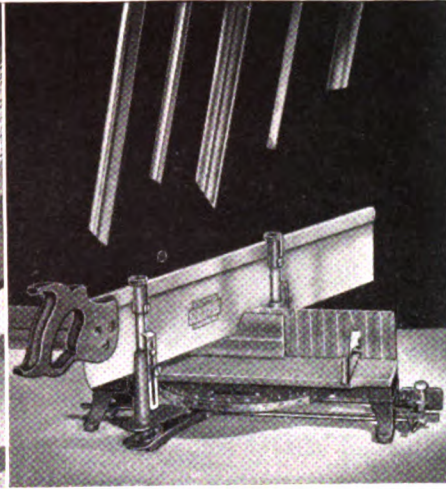
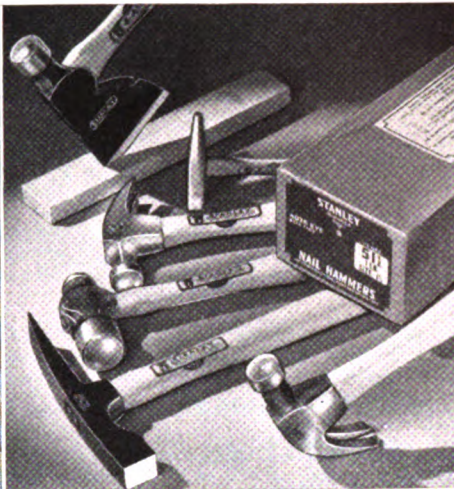


• CHISELS •

*The famous tool name which means top service to every type of tool*



# of The World"

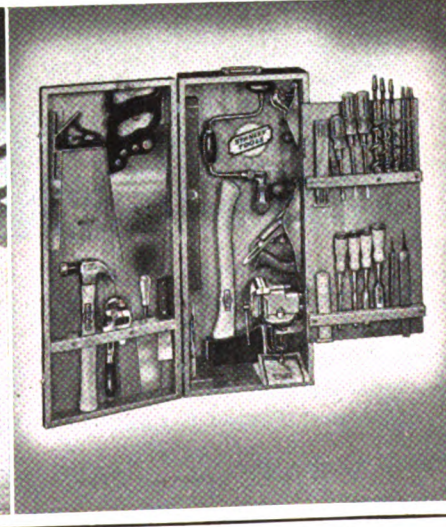
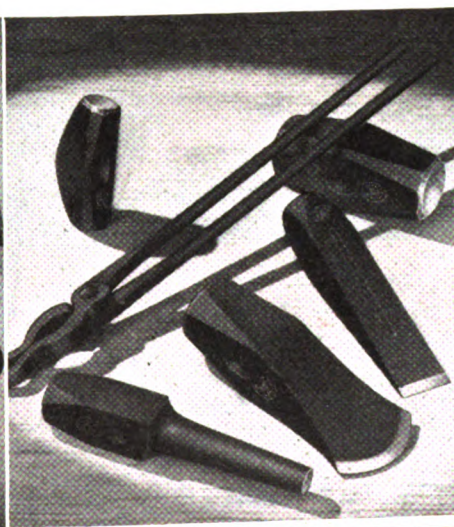
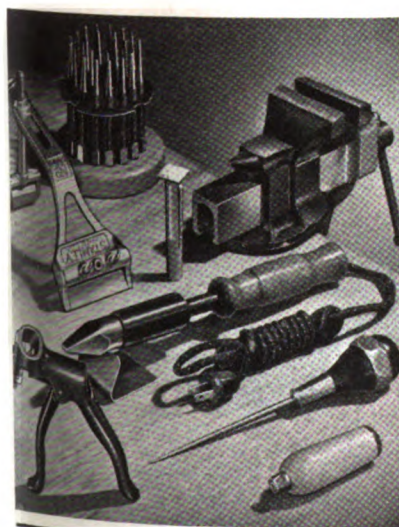


• MEASURING TOOLS •

• HAMMERS •

• MITRE BOXES •

# TOOLS



• GENERAL UTILITY TOOLS •

• HEAVY TOOLS •

• TOOL CHESTS •

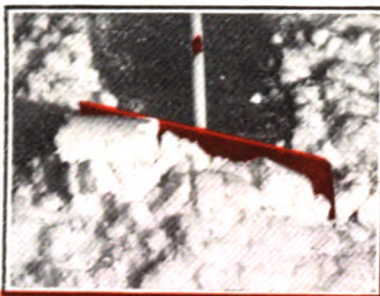
user. Catalog 34 shows the complete line.

**STANLEY TOOLS**  
DIVISION OF THE STANLEY WORKS  
New Britain, Conn.

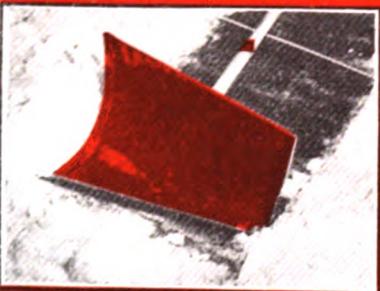
Mention Hardware Age When Writing

Digitized by Google





LIGHT RUNNING — EASY TO  
PUSH — MAKES WIDE PATH



TILT AND IT SLIDES OVER SIDE-  
WALK SEAMS, CRACKS OR BUMPS



# IT'S READY!

## "BEST HAMLIN WAY"

# Sno-Plow

for  
NEW WINTER  
PROFITS

Retails at \$1.00  
with exceptional  
profit to both  
Jobber  
and  
Dealer

*Removes Snow*  
THE EASIEST  
AND BEST WAY

TAKE  
A  
LOOK  
and  
ORDER  
NOW

RE-INFORCED  
RIB

LIFT HUMP

Selling Big—because it's new, efficient and simple. Made from Heavy Gauge Steel. Sturdy and Strong. Perfectly balanced. Finished in bright Red with White Ash Handle 54" long. Blade 20" long, tapers 7 1/4" to 15 1/2". Send a trial order—display them prominently and you'll soon be back for more. Packed in dozen lots. Weight per dozen 55 lbs.

IT'S HAMLIN - FOR ITEMS THAT SELL  
SHOVELS — HOES — RAKES — BACON CRISPERS  
SKILLETS — BOYS' DERBY HELMETS — UTILITY TABLES

THE HUMP DOES IT!

A cross seam, crack or bump in the side-walk and you tilt the handle down. The hump slides right over. No catching.

Write us for the best prices  
on coal shovels.

# HAMLIN METAL PRODUCTS CO.

AKRON, OHIO



## COLORS, Oil

Alabastine Co., 835 Chicago Drive, S.W., Grand Rapids, Mich.  
Ambassador Specialties, Inc., 6440 De Buel Av., Detroit, Mich. "Heart of Quality"  
Ch-Namel Paint & Varnish Co., 1101-3rd, S. Minneapolis, Minn.  
Cook & Dunn Paint Corp., 109 St. Francis, Newark, N. J.  
Gidden Co., Cleveland, O.  
Keystone Varnish Co., 71 Otasego, Bklyn, N. Y.  
McQuade (John) & Co., Inc., 184 Classon Av., Bklyn, N. Y. "McQuade's"  
Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
Packard Paint & Varnish Co., Boston, Mass.  
Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Pittsburgh"  
Premier Chemical Co., Cleveland, O. "Norbo"  
Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
Stifffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O.  
Sprague (Gilbert) Co., Richmond & Tioga, Phila., Pa.  
Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
U. S. Plastics Co., 850 Providence Rd., Scranton, Pa. "Ezy-Stir"  
Van-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"  
Woolley (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**COLORS, Paint—See Paints; also Varnishes**  
**COLORS, Varnish—See Paints; also Varnishes**

## COLORS, Water

Mural Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Mural," "Mural-Tone"  
Premier Chemical Co., Cleveland, O. "Norbo"  
**COLT WEANERS—See Weaners, Colt and Colt**  
**COLUMN BASES—See Bases, Column**  
**COLUMN CLAMPS—See Clamps, Form Concrete**  
**COMB CASES—See Cases, Comb, Nail File, Etc.**  
**COMBINATION BARS & KITCHENS—See Kitchens & Bars, Combination**  
**COMBINATION COAL AND ELECTRIC RANGES—See Ranges, Coal and Electric, Combination**  
**COMBINATION COAL AND GAS RANGES—See Ranges, Coal and Gas Combination**  
**COMBINATION DRILLS AND COUNTERSINKS—See Drills and Countersinks, Combined**  
**COMBINATION ELECTRIC FLUSH DEVICES—See Electric Devices, Flush, Combination**  
**COMBINATION GAS AND OIL RANGES—See Ranges, Gas & Oil, Combination**  
**COMBINATION KITCHENS & BARS—See Kitchens & Bars, Combination**  
**COMBINATION LOCKS—See Locks, Combination**  
**COMBINATION PLIERS—See Pliers, Slip Joint**  
**COMBINATION RADIO-PHONOGRAPH RECEIVING SETS—See Sets, Radio-Phonograph, Combination**  
**COMBINATION SCREEN AND STORM DOORS—See Doors, Screen and Storm, Combination**  
**COMBINATION SCREW DRIVER—See Tools, Combination**  
**COMBINATION SINK FAUCETS—See Cocks, Sink Double, Swinging Spout**  
**COMBINATION SQUARES—See Squares, Combination**  
**COMBINATION TOOLS—See Tools, Combination**  
**COMBINATION VISES—See Vises, Combination**  
**COMBINATION WRENCHES—See Wrenches, Combination**  
**COMBINED DRILL AND REAMER TAPS—See Taps, Drill and Reamer, Combined**

## COMBS, Curry

C-E-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kohler"  
Parker Mfg. Co., Keokuk, Ia. "Arc Spring"  
Parker Bit & Snap Co., Racine, Wis.  
Parker Rubber Wks., Inc., 4107 W. Kinsie, Chicago, Ill.  
Reid and Co., So. Milwaukee, Wis.  
Saw & Judd Mfg. Co., New Britain, Conn. "Anker-Brand," "Fitch"  
Steel-Kitch Mfg. Co., Keokuk, Ia.

## COMBS, Graining

Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
Baker (B. F.) Co., Leominster, Mass.  
Baker & Goodman Co., 6 Riverside Ave., Belle Mead, N. J.  
Specialty Co., Inc., 24 Eastern Parkway, New York City, N. J. (Steel & Rubber)

## COMBS or RAKES, Lawn Mower

Machine Co., Elmira, N. Y. "Bendix Mow-

COMEALONGS—See Pullers, Wire

COMMERCIAL CHURNS—See Churns, Commercial

## COMPARTMENTS, Display, Adjustable, Glass

Heller (W. C.) & Co., 700 Bryant, Montpelier, O. (Bulb-Edge)  
Store Kraft Mfg. Co., Beatrice, Neb.  
Warren (J. D.) Mfg. Co., Montpelier, O. (Bulb-Edge)

## COMPARTMENTS, Display, Adjustable, Metal

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Reflector Hardware Corp., Western Av. & 22nd Place, Chicago, Ill.  
Warren (J. D.) Mfg. Co., Montpelier, O.

COMPASS SAWS—See Saws, Compass

## COMPASSES

Johnson (William), Inc., 86 Brenner, Newark, N. J.  
Winsted Edge Tool Works, Winsted, Conn. "Winsterby"

## COMPASSES, Automobile and Marine

Hull Mfg. Co., Warren, O. "Hull"  
Marine Specialty Mfg. Co., Dept. H, 8107 Detroit Ave., Cleveland, O. "Tel-Tale"

## COMPASSES, Coat, Pocket and Wrist

Gurley, W. & L. E., Troy, N. Y.  
Keuffel & Esser Co., 300 Adams, Hoboken, N. J. "K & E"  
Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble"  
Outdoor Supply Co., Inc., 164 Madison Av., New York, N. Y. "Sunwatch"  
Star Compass Co., East Milton, Mass. "Star Pathfinder"  
Taylor Instrument Co., Rochester, N. Y. "Taylor"  
Testrite Instrument Co., 87 E. 11th, New York, N. Y.

## COMPENSATORS, Gun

Lyman Gun Sight Corp., Middlefield, Conn.

**COMPILERS, PRINTERS & BINDERS OF HARDWARE JOBBERS' CATALOGS—See Catalogs, Compilers, Printers and Binders**

COMPOSITION DOLLS—See Dolls, Composition

## COMPOSITION, Deck Seam

Kuhls, H. B. Fred, 6418 3rd Av., Bklyn., N. Y.  
Stay-Tite Products Co., Dept. H, 8107 Detroit Av., Cleveland, O. "Stay-Tite"

COMPOSITION RUGS—See Rugs, Composition

COMPOSITION WARE—See Ware, Molded, Plastic

COMPOUND LEVER SNIPS—See Shears, Compound Lever

COMPOUNDS, ANTI-FREEZE—See Anti-Freeze Compounds

## COMPOUNDS, Boiler

Anthractive Boiler Compound Co., 711 Linden, Scranton, Pa. "A-B-C"  
Arrow Boiler Compound Co., 21 S. Third, St. Louis, Mo. "Arrow"  
Boiler-Kote Co., 1157 Lunt Av., Chicago, Ill.  
Cherry Chemical Co., Phila., Pa.  
Creative Chemical Co., Pittsburgh, Pa.  
Dearborn Chemical Co., Chicago, Ill.  
Dixon (Joseph) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Little Wonder"  
Economy Plumber Co., 39 Lispenard, New York, N. Y. "Economy Plumber"  
Goulard & Olen, Inc., 140 Liberty, New York, N. Y. "True Seal"  
Imperial Products Co., Inc., 1617-31 N. 2nd, Phila., Pa. "Imperial"  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"  
Lake Erie Mfg. Co., Buffalo, N. Y.  
Radiator Specialty Co., Charlotte, N. C. "W J"  
Saginaw Salt Products Co., Saginaw, Mich. "Boiler-Aid"  
Soline Chemical Co., 2843 N. Talman, Chicago, Ill.  
Sunshine (John) Chemical Co., Inc., 604 W. Lake, Chicago, Ill. "Mitee"  
United States Graphite Co., Saginaw, Mich.  
Vince Co., Inc., 305 E. 45th, New York, N. Y. "Vince"  
Western Chemical Co., Kansas City, Mo.

## COMPOUNDS, Boiler Sealing

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Ave., Chicago, Ill. "Everseal"  
Anthractive Boiler Compound Co., 711 Linden, Scranton, Pa. "A-B-C"  
Desolve Mfg. Co., 31 Terminal Way, Pittsburgh, Pa. "Chaco"  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Little Wonder"  
Economy Plumber Co., 39 Lispenard, New York, N. Y. "Economy Plumber"  
Goulard & Olen, Inc., 140 Liberty, New York, N. Y. "True Seal"  
Radiator Specialty Co., Charlotte, N. C. "Solder Seal"  
Scientific Mfg. Co., Inc., Scranton, Pa. "Force"

Sunshine (John) Chemical Co., Inc., 604 W. Lake, Chicago, Ill. "Mitee"  
"X" Laboratories, 25 W. 45th, New York, N. Y. "X"

## COMPOUNDS, Caulking

Albion Mfg. Co., Albert & Martha, Phila., Pa.  
Allen Putty Products Co., 340 N. Ashland Av., Chicago, Ill.  
Arco Co., 7301 Bessemer Av., Cleveland, O.  
Bestoseal Co., 1451 B'way, New York, N. Y. "Bestoseal"  
Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa. "Caulk-O-Seal," "Cold-Bar," "Master-Caulk"  
Concord Paint Co., Inc., 421 Hunts Point Av., New York, N. Y.  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. "Draft Seal"  
Diamond Metal Weather Strip Co., Columbus, O.  
Dicks-Pontius Co., 123 Wayne Av., Dayton, O. "D-P"  
Ever-Plastics Corp., 420 Lexington Av., New York, N. Y. "Coulkex," "Putite"  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Friedman (S.) & Sons, 26 Lorimer, Bklyn., N. Y.  
Gumpstie Laboratories, 2221 S. Archer, Chicago, Ill. "Nu-Puttie"  
Hetsen-Sommers Co., Inc., 211 Norman Av., Brooklyn, N. Y. "Windpruf"  
Horn (A. C.) Co., Hancock & Bodine, Long Island City, N. Y. "Vulcatex"  
Industrial Compounds, Inc., 6394 Richardson Av., Detroit, Mich. "Heatite"  
Johnson Metal Products Co., Erie, Pa. "Lu-Mastic," "Mastic"  
Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Sure-Seal"  
Macklinburg-Duncan Co., Oklahoma City, Okla. "Nu-Calk"  
Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Aquaseal"  
Minwax Co., Inc., 11 W. 42nd, New York, N. Y.  
Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa. "Rhino"  
Pioneer Mfg. Co., Cleveland, O. "Crevisal"  
Plastic Products Co., 6475 Georgia Av., Mich. "Plastoid"  
Plastoid Products Co., Inc., 518 City Park Av., New Orleans, La.  
Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
Stay-Tite Products Co., Dept. H, 8107 Detroit Av., Cleveland, O. "Stay-Tite"  
Steelcote Mfg. Co., 3418 Gratiot, St. Louis, Mo.  
Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
Tammes Silica Co., 228 N. La Salle, Chicago, Ill. "Double Duty"  
Technical Products Co., Pittsburgh, Pa. "Sauer-Eisen"  
Tremco Mfg. Co., 393 E. 131st, Cleveland, O. "Aquanox," "Tremco"  
Tropical Paint & Oil Co., 52 W. 70th, Cleveland, O. "Duratite"  
U. S. Plastic Co., 850 Providence Rd., Scranton, Pa. "U. S."  
Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "Permatite"  
Weaver-Wall Co., 3700 Brookpark Rd., Cleveland, O. "Peerless"

## COMPOUNDS, Cedar

Northern Products Corp., 130 W. 42nd, New York, N. Y. "Cedacote"  
Sparhawk Co., Sparkill, N. Y. "CED-R-WOOD"

## COMPOUNDS, Cleaning

Baum's Castorine Co., Rome, N. Y.  
Boyle (A. S.) Co., Div. American Home Products Co. p., 257 Cornelson Av., Jersey City, N. J. "Samoline"  
Carbana Products Co., 304 W. 26th, New York, N. Y.  
Carpenter (W. D.) Co., Syracuse, N. Y.  
Chamberlain-Haber Chemical Co., Cleveland, O. "Presto"  
Clark Quality Products, Inc., 158 Hague, Rochester, N. Y. "Clark's Quick Shine"  
Clean Products Co., 815 E. Mound, Columbus, O.  
Cleveland Cleaner & Paste Co., 7275 Neville Ave., S. W. Cleveland, O. "Painters' Friend"  
Cudahy Packing Co., Anchor Glue Div., Dept. I, Chicago, Ill. "Anchor"  
Du Pont (E. I.), de Nemours & Co., Inc., Wilmington, Del. "Triclene"  
Economy Plumber Co., 39 Lispenard, New York, N. Y. "Economy Plumber"  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Imperial Products Co., Inc., 1617-31 N. 2nd, Phila., Pa. "Little Imp"  
Kotofom Sales Corp., 642 N. 8th, Milwaukee, Wis. "Kotofom"  
Midway Chemical Co., 5235 W. 65th, Chicago, Ill.  
Nacto Cleanser Corp., 2171 Madison Av., New York, N. Y.  
Nu-Back Mfg. Co., St. Louis, Mo.  
Pioneer Mfg. Co., Cleveland, O. "Acto"  
Pretone Co., Camden, N. J. "Pretone"  
Quigley Co., Inc., 58 W. 45th, New York, N. Y. "Annite"  
Rustain Products, Inc., 722 B'way, New York, N. Y. "Zud"  
Safety Globe & Mfg. Co., Columbus, O. "Sure Shine"  
Scientific Mfg. Co., Scranton, Pa. "Force"  
Snyder (Wm. J.) Co., Cleveland, O.  
Superior Laboratories, Grand Rapids, Mich. "Stovoil"



# The Choice of Champions



No. 101

**CHICAGO FLYING SCOUT**  
Roller Skates

# "CHICAGO"

TRADE MARK REG. U.S. PAT. OFF.

## The Roller Skate with 3 Lives

### YOUR BUSINESS COMES FIRST QUALITY AT RIGHT PRICES WILL BUILD IT

Why experiment, when you can get Nationally known and Nationally Advertised "CHICAGO" Roller Skates. This name has stood for the finest in roller skates for over 38 years, and our wide range of prices and styles will meet every demand in value and service.

The high ideals which inspire precision work, unexcelled quality, plus the constant endeavor to improve, have won dealer loyalty and universal acceptance for "CHICAGO" Roller Skates. Your business can be protected and insured by selling your customers "CHICAGO'S"—the best money can buy!

#### FREE DEALER HELPS

Upon request we will gladly furnish circulars, display cards, sales bulletins, electros, mats, etc.

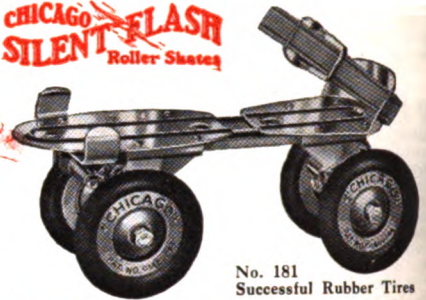
## CHICAGO ROLLER SKATE CO.

4436 WEST LAKE STREET

CHICAGO, ILLINOIS

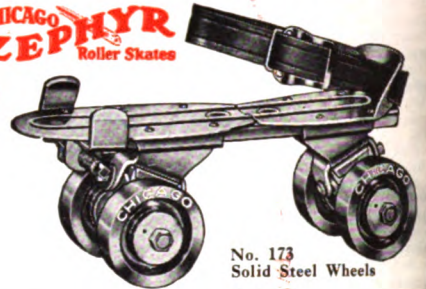
Mention Hardware Age When Writing

**CHICAGO FLASH**  
SILENT Roller Skates



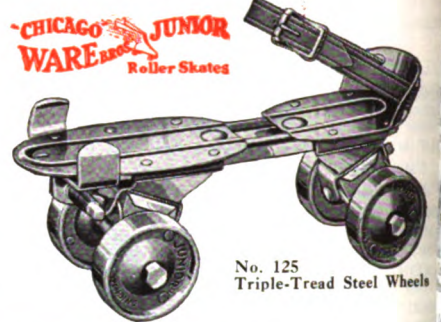
No. 181  
Successful Rubber Tires

**CHICAGO ZEPHYR**  
Roller Skates



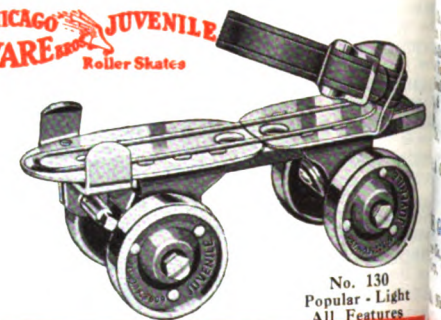
No. 173  
Solid Steel Wheels

**CHICAGO WARE**  
JUNIOR Roller Skates



No. 125  
Triple-Tread Steel Wheels

**CHICAGO WARE**  
JUVENILE Roller Skates



No. 130  
Popular - Light  
All Features

# "CHICAGO"

TRADE MARK REG. U.S. PAT. OFF.

## WHEELS FIT ALL MAKES



No. 73  
ZEPHYR  
SOLID STEEL  
WHEEL



No. 75  
TRIPLE-TREAD  
STEEL WHEEL



No. 84  
RUBBER TIRE  
OUTWEARS-  
STEEL

Google



**COMPOUNDS, Cleaning (Continued)**

Washing Gas Co., 1218 Main, Wheeling, W. Va.  
Washing Gas  
Well Adhesive Co., Columbus, O. "WeCo"  
Wiggins Chemical Co., Inc., 12 E. Front, Cincinnati, O. "Wig's"

**COMPOUNDS, Dry Cleaning**

American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Crescent Quik Spot"  
Du Pont (E. I.), de Nemours & Co., Inc., Wilmington, Del. "Triclene"  
Ergine Mfg. Co. & Refining Co., Bedford, O. "Ergine"  
Monarch Products Co., Inc., Red Bank, N. J. "Monarch"  
Nacto Cleaner Corp., 2171 Madison Av., New York, N. Y. "Nacto"  
National Solvent Corp., 3751 Jennings Rd., Cleveland, O. "Dri-Kleen"  
Reboul Oil Co., 3rd & Berks, Phila., Pa. "Reboul"  
Rt Products Co., 1401 W. Jackson Blvd., Chicago, Ill.  
Scott (L. E.) Co., Inc., Warren, R. I. "Lesco"  
X Laboratories, 25 West 45th, New York, N. Y. "X"

**COMPOUNDS, Fabric, Waterproof**

Protection Products Mfg. Co., Kalamazoo, Mich. "Rainy Day"  
Red Head Brand Co., Chicago, Ill. "Seal-Text"

**COMPOUNDS, Floor, Non-Squeak**

Craft Utilities Co., 1709 W. Austin Av., Chicago, Ill. "No-Floor-Squeak"  
Lars (T. L.) Co., Mt. Vernon, N. Y. "Stop-Squeak"

**COMPOUNDS, Glazing**

Atlantic Paint Mfg. Co., 100 Boylston, Boston, Mass. "Glastex"  
Dela-Pontius Co., 123 Wayne Av., Dayton, O.  
Eber-Plastics Corp., 420 Lexington Av., New York, N. Y. "Putite"  
Erd Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Hammond Paint & Chemical Co., Inc., Beacon, N. Y. "Storm King"  
Mackinburg-Duncan Co., Oklahoma City, Okla. "No-Glaze"  
Pera Paint Co., Inc., Lawrence & Venango, Phila., Pa.  
Petter Mfg. Co., 80533 E. 87th, Cleveland, O.  
Prestic Products Co., 6475 Georgia Av., Detroit, Mich. "Plasti-Glaze," "Plastoid"  
Small Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
Sanding Paint & Varnish Co., 184 Commercial, Woburn, Mass.  
Tremco Mfg. Co., 393 E. 131st, Cleveland, O.  
Tropical Paint & Oil Co., 1210 W. 70th, Cleveland, O.

**COMPOUNDS, Grinding and Lapping**

Barn's Castorine Co., Rome, N. Y.  
Bee-Manning Corp., Troy, N. Y. "Silkite," "Velvet"  
Cavendum Co., Niagara Falls, N. Y. "Super Speed"  
Carter Mfg. Co., Norwalk, Conn. "Clover"  
Carter-Atwood Co., Minneapolis, Minn. "Rie Nie"  
Chamberlain (R. M.) Corp., Camden, N. J. "Whis"  
Crescent Mining & Mfg. Co., St. Paul, Minn.  
Eber-Plastics Corp., Inc., Red Bank, N. J.  
Eber-Mfg. Co., St. Louis, Mo.  
Eber-Mfg. Co., Sheephead Bay, N. Y.  
Eber-Mfg. Co., 24 Bathgate Pl., Newark, N. J.  
Eber-Mfg. Co., Rubber Cement Co., Inc., St. Louis, Mo.  
Eber-Mfg. Co., Woodlawn Av. to 78th, Chicago, Ill. "Dutch"  
Eber-Mfg. Co., Copeland and M. C. E. R. Detroit, Mich. "Aqua-Sol"  
Eber-Mfg. Co., Cleveland, O. "Zip"

Hammond Paint & Chemical Co., Inc., Beacon, N. Y. "Storm King"  
Mackinburg-Duncan Co., Oklahoma City, Okla. "No-Glaze"  
Pera Paint Co., Inc., Lawrence & Venango, Phila., Pa.  
Petter Mfg. Co., 80533 E. 87th, Cleveland, O.  
Prestic Products Co., 6475 Georgia Av., Detroit, Mich. "Plasti-Glaze," "Plastoid"  
Small Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
Sanding Paint & Varnish Co., 184 Commercial, Woburn, Mass.  
Tremco Mfg. Co., 393 E. 131st, Cleveland, O.  
Tropical Paint & Oil Co., 1210 W. 70th, Cleveland, O.

**COMPOUNDS, Gun Cleaning**

Eber (Frank A.) Inc., 2314-H N. 8th, Phila., Pa.  
Remington Arms Co., Inc., Bridgeport, Conn. "Remington"

**COMPOUNDS, LAWN MOWER SHARPENING—See Pastes, Sharpening, Lawn Mower**

**COMPOUNDS, Meat Curing**

Chemical Co., Bluffton, Ind.  
Chemical Co., Dallas, Tex.  
Laboratories, 1415 W. 37th, Chicago, Ill.  
Salt Co., 310 S. Michigan Av., Chicago, Ill.  
Sodium Mfg. Co., 864 Lorimer, B'klyn, N. Y.

**COMPOUNDS, Pipe Joint**

Paint & Varnish Co., 218 Suydam Ave., New York, N. Y. "Stonaleak"  
X Laboratories, 1451 B'way, New York, N. Y. "Besto"

Burnley Battery & Mfg. Co., North East, Pa.  
Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa. "Pipe Seal"  
Chard & Howe, 88 Vandyke, B'klyn, N. Y. "Deegan's"  
Continental Products Co., Euclid, O.  
Cooper Sanitary Mfg. Co., Phila., Pa.  
Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Little Wonder"  
Edgcomb Co., Cuyahoga Falls, O. "Red Cross"  
Gibson-Homans Co., Cleveland, O.  
Grimes (Norman V.) Co., Boonton, N. J. "Grimco"  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"  
Leadite Co., 1404 S. Penn Sq., Phila., Pa. "Leadite"  
O'Brien (Frank B.), Inc., Chicago, Ill.  
Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "American White," "Olo"  
Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
Sheffield Bronze Powder & Stencil Co., Inc., 12405 Euclid Av., Cleveland, O.  
Smooth-On Mfg. Co., 572 Communipaw Av., Jersey City, N. J.  
Stay-Tite Products Co., 3107 Detroit Av., Cleveland, O. "Stay-Tite"  
Stone & Tar Products Co., 97 S. 6th B'klyn, N. Y.  
Sunshine (John) Chemical Co., Inc., 604 W. Lake, Chicago, Ill. "Mitee"  
Technical Products Co., Pittsburgh, Pa. "Sauer-Eisen"  
Walworth Co., 60 E. 42nd, New York, N. Y.

**COMPOUNDS, Plating**

Rapid Electroplating Process, Inc., 1414 S. Wabash Av., Chicago, Ill. "1-Second"  
Tillette Cement Co., Inc., 401 Lafayette, New York, N. Y. "Nickelette"

**COMPOUNDS, Pipe Cleaning—See Cleaners, Drain Pipe and Trap**

**COMPOUNDS, Pruning & Grafting, Tree Surgeons**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
Clark (Walter E.) & Son, Milford, Conn. "Tree-kote"

**COMPOUNDS, Resurfacing, Floor**

Flexrock Co., 23rd and Manning, Phila., Pa. "Ruggedwear"  
Tammis Silica Co., 228 N. La Salle, Chicago, Ill.

**COMPOUNDS, Roofing**

Atlas Mineral Products Co., Mertztown, Pa.  
Barber Asphalt Corp., Barber, N. J.  
Barrett Co., 40 Rector, New York, N. Y. "Elastigum," "Flexigum"  
Bestosel Company, 1451 B'way, New York, N. Y. "Bestosel"  
Bird & Son, Inc., East Walpole, Mass. "Naponat"  
Certain-teed Products Corp., 100 E. 42d, New York, N. Y.  
Flintkote Co., 50 W. 50th, New York, N. Y.  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Hetzel (J. G.) Est., 67 Main, Newark, N. J.  
Robeson Preservo Co., Port Huron, Mich. "Robecote"  
Ruberoid Co., 500 Fifth Av., New York, N. Y.  
Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y.  
Stelwagon Mfg. Co., 19th & Wash. Av., Phila., Pa. "Kure-A-Leke," "Stelco"

**COMPOUNDS, Rust Preventing and Removing**

(See also Preservers, Metal, Leather, etc.)

American Rust Proof Co., 8 W. 40th, New York, N. Y. "Vatu"  
Bowes "Seal-Fast" Corp., Indianapolis, Ind. "Anti-Rust"  
Cabot (Samuel) Inc., Boston, Mass. "Tasgon"  
Dearborn Chemical Co., Chicago, Ill. "No-Ox-Id"  
Dolge (C. B.) Co., Westport, Conn.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Little Wonder"  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Frost Paint & Oil Co., Minneapolis, Minn. "No Rust"  
Grasselli Chemicals Dept. du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
Hoppe (Frank A.), Inc., 2314-H N. 8th, Phila., Pa.  
Kant Rust Products Corp., Rahway, N. J.  
McCambridge & McCambridge Co., 12 L. S.E. Washington, D. C. "Fiendoil"  
National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready," "Eveready Rustone"  
Parker Rust Proof Co., 2177 Milwaukee Av., Detroit, Mich.  
Permatex Co., Sheephead Bay, N. Y.  
Polygon Products Co., Boston, Mass.  
Remington Arms Company, Inc., Bridgeport, Conn. "Remington"  
Rust Eliminator, Inc., Buffalo, N. Y. "No Rust"  
Rustain Products, Inc., 722 B'way, New York, N. Y. "Rustend"  
Rusticide Products Co., 1919 E. 19th, Cleveland, O. "Rust-I-Cide"  
Rust Inhibiting Products, 5830 Stony Island Av., Chicago, Ill. "Rig"  
Saginaw Salt Products Co., Saginaw, Mich. "Humidex"

Sargent Mfg. Co., 38 Elizabeth, Yonkers, N. Y.  
St. Louis Rubber Cement Co., St. Louis, Mo. "Redx"  
Scott (L. E.) Co., Inc., Warren, R. I. "Lesco"  
Shepard & Moore, Inc., 208 St. Clair Av., N. W., Cleveland, O. "Chrome Wax"  
Szybryte Co., 1919 E. 19th, Cleveland, O. "Rust-Tox"  
Stay-Tite Products Co., Dept. H, 3107 Detroit Av., Cleveland, O. "Rustgo"  
Superior Laboratories, Grand Rapids, Mich. "Stov-oil"  
Wayne Chemical Products Co., Copeland and M. C. R. R., Detroit, Mich. "Protex"  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"  
"X" Laboratories, 25 W. 45th, New York, N. Y.

**COMPOUNDS, Shingle Stain**

Art Stained Shingle Co., Inc., 539 Cornwall Av., Buffalo, N. Y.

**COMPOUNDS, Silver Tarnishing**

Columbia Refining Co., 44th Av. & 23rd, Long Island City, N. Y. "Silver Sentry"

**COMPOUNDS, Surfacing**

Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Spackle"

**COMPOUNDS, Sweeping**

American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
Baldwin Laboratories, Inc., Saegertown, Pa. "Dwinol"  
DeMert & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
Dustbane Products Co., 3631 S. Ashland Av., Chicago, Ill.  
Imperial Products Co., 1617-31 N. 2nd, Phila., Pa. "Imperial"  
Lignum Chemical Wks., 174 Maspeth Av., Brooklyn, N. Y.  
Masury-Young Co. (Charlestown), Boston, Mass.  
Miller (Frank) & Sons, 2238 W. 58th, Chicago, Ill.  
No-Dust Mfg. Co., Marietta, O.  
Paxson Mfg. Co., 1026 N. 3rd, Phila., Pa. "Nil-Dust"  
Peabody Anti-Dust Co., Peabody, Mass.  
Pioneer Mfg. Co., Cleveland, O. "Sweeprite"  
Saniwax Chemical Co., Inc., Alliance, O.  
Sweeping Compound Mfrs. Co. of N. Y., Inc., 421 Broome, New York, N. Y. "Kleensweep"  
Sweep-O Co., 2626 Chouteau Av., St. Louis, Mo.  
Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y. "Neverslip"

**COMPOUNDS, Welding**

Air Reduction Sales Co., 60 E. 42d, New York, N. Y.  
American Solder & Flux Co., 2152 E. Norris, Phila., Pa.  
Anti-Borax Compound Co., Fort Wayne, Ind. "Crescent," "E-Z," "Wayne"  
Chicago Hdw. Fdry. Co., No. Chicago, Ill. "Fluxwell"  
Cortland Welding Compound Co., Cortland, N. Y. "Borax-Ette," "Cherry Heat," "Climax," "Weld-a-cast"  
Krems & Co., Chicago, Ill.  
Pfanstiehl Chemical Co., Waukegan, Ill.  
Whittaker, Clark & Daniels, 250 Front, New York, N. Y.

**COMPOUNDS, Window Cleaning**

Absorene Mfg. Co., St. Louis, Mo. "Hrth"  
All-Nu Products Co., Camden, N. J. "All-Nu"  
American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
Baldwin Laboratories, Inc., Saegertown, Pa. "Dwindo"  
Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Old English"  
Chamberlain-Haber Chemical Co., Cleveland, O. "Presto"  
Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Crescent"  
Drackett Co., 5020 Spring Grove Av., Cincinnati, O. "Windex"  
Duz-It Products Co., Minneapolis, Minn. "Duz-It"  
Flash Chemical Co., Cambridge, Mass.  
Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Bull Dog"  
Glasglos Laboratories, Cincinnati, O. "Glasglos"  
Lustrwax-Best Products Co., 1812 Main, Kansas City, Mo. "Lustrwax"  
Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Aero-Mist"  
Murphy-Phoenix Co., 9505 Cassius Av., Cleveland, O. "Murphy's"  
O-Cedar Corp., 4501 S. Western Av., Chicago, Ill. "O-Cedar"  
Pine (Morton S.) Co., Caxton Bldg., Cleveland, O. "Days"  
Sargent Mfg. Co., 38 Elizabeth, Yonkers, N. Y.  
Schwank (C. W.) Corp., 423 S. Hanover, Baltimore, Md. "Check," "Ritz"  
Shepard & Moore, Inc., 208 St. Claire Av., N. W., Cleveland, O. "Sem"  
Socony-Vacuum Oil Co., Inc., 26 Bway., New York, N. Y. "Tavern"  
Sprazit Products Co., 907 Jefferson Av., Toledo, O. "Sprazit"  
United Gilsonite Laboratories, Scranton, Pa. "Glonex"



**COMPOUNDS, Wool Fat**

Corona Mfg. Co., 372 Corona Bldg., Kenton, O.  
**"Corona"**  
**COMPRESSED AIR SPRAYERS**—See *Sprayers, Compressed Air*  
**COMPRESSION BIBBS**—See *Bibbs, Compression*  
**COMPRESSION COUPLINGS**—See *Couplings, Compression*  
**COMPRESSION PUMPS**—See *Pumps, Compression*  
**COMPRESSION STOPS**—See *Stops, Compression*

**COMPRESSORS, Air**

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
 Auto Compressor Co., Wilmington, O.  
 Binks Mfg. Co., 3114 Carroll Av., Chicago, Ill.  
**"Roche"**  
 Brown (W. R.) Corp., 5725 Armitage Av., Chicago, Ill.  
 Brunner Mfg. Co., Utica, N. Y.  
 Champion Pneumatic Machy. Co., 8164 South Chicago Av., Chicago, Ill.  
 Chicago Pneumatic Tool Co., 6 E. 44th, New York, N. Y.  
 Cincinnati Ball Crank Co., Oakley, Cincinnati, O.  
**"Balcrank"**  
 Crown Spray Gun Mfg. Co., 1218 Venice Blvd., Los Angeles, Cal.  
**"Airflo"**  
 Curtis Pneumatic Machinery Co., St. Louis, Mo.  
 De Vilbiss Co., Toledo, O.  
 Eclipse Air Brush Co., 390 Park Av., Newark, N. J.  
 Electric Sprayit Co., 2415 Illinois, Sheboygan, Wis.  
**"Sprayit"**  
 Empire Compressor Mfg. Co., Inc., Benson & P.R.R., Cincinnati, O.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill.  
 Gardner-Denver Co., 102 Williamson, Quincy, Ill.  
**"Gardner-Denver"**  
 Gast Mfg. Co., Benton Harbor, Mich.  
 General Electric Co., 1 River Road, Schenectady, N. Y.  
**"G-E"**  
 Globe Mfg. Co., Battle Creek, Mich.  
 Robert Bros. Co., Troy, O.  
 Hummer Mfg. Co., Springfield, Ill.  
**"Hummer"**  
 Ingersoll-Rand Co., 11 B'way, New York, N. Y.  
 Kellogg Mfg. Co., Rochester, N. Y.  
 Lindsay (P. K.) Co., Everett, Mass.  
 Manley Mfg., Div. American Chain and Cable Co., Inc., York, Pa.  
 Metal Specialties Mfg. Co., 3200 Carroll Av., Chicago, Ill.  
**"Presto"**  
 Saylor-Benall Mfg. Co., 1509 E. Philadelphia Av., Detroit, Mich.  
 Sharpe Mfg. Co., 1819 Maple Av., Los Angeles, Cal.  
 Simons Paint Spray Brush Co., Dayton, O.  
 Uniflow Mfg. Co., Erie, Pa.  
**"Uniflow"**  
 United States Air Compressor Co., Cleveland, O.  
 Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.  
**CONCEALED DOOR CLOSERS**—See *Closers, Door, Concealed*  
**CONCRETE BARROWS**—See *Wheelbarrows, All Types and Classifications*  
**CONCRETE BLOCK MACHINES**—See *Block Machines, Concrete*  
**CONCRETE CARTS**—See *Carts, Concrete*  
**CONCRETE FORM CLAMPS**—See *Clamps, Form, Concrete*  
**CONCRETE HAMMERS**—See *Hammers, Electric, Portable*  
**CONCRETE MIXERS**—See *Mixers, Concrete*  
**CONCRETE PAINTS**—See *Paints, Cement, Concrete, Brick, Etc.*  
**CONCRETE PINS**—See *Pins, Concrete*  
**CONCRETE REINFORCING BARS**—See *Steel, Reinforcing*  
**CONCRETE SHOVELS**—See *Shovels, Concrete*  
**CONCRETE TOOLS**—See *Tools, Cement and Concrete*  
**CONCRETE WIRE REINFORCEMENTS**—See *Wire Reinforcements, Concrete*  
**CONDENSER TUBE BRUSHES**—See *Brushes, Condenser Tube*  
**CONDITIONERS, AIR**—See *Air Conditioners*  
**CONDUCTOR PIPE ELBOWS**—See *Elbows, Conductor Pipe*  
**CONDUCTOR PIPE HANGERS**—See *Hangers, Eaves Trough and Conductor Pipe*  
**CONDUCTOR STRAINERS**—See *Strainers, Conductor*  
**CONDUCTORS' MONEY CHANGERS**—See *Changers, Money, Conductors*  
**CONDUIT BOXES**—See *Boxes, Conduit*  
**CONDUIT FITTINGS**—See *Fittings, Flexible Metallic Conduit, also Fittings, Threaded Conduit*  
**CONDUIT, Flexible Metallic**  
 American Flexible Conduit Co., 31 Scott, New Bedford, Mass.  
 Austin (M. B.) Co., 116 S. Desplaines, Chicago, Ill.  
**"SafeSteel"**  
 Eastern Tube & Tool Co., 594 Johnson Av., Bklyn, N. Y.  
**"Ettco"**  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn.  
**"G-E"**  
 National Electric Products Corp., Fulton Bldg., Pittsburgh, Pa.  
**"Flexsteel"**  
 Triangle Conduit & Cable Co., Dry Harbor Rd. & Cooper Av., Bklyn, N. Y.  
 Walker Bros., Conshohocken, Pa.  
 Wiremold Co. (Elmwood), Hartford, Conn.

**CONDUIT, Rigid Steel**

Appleton Electric Co., 1752 Wellington Av., Chicago, Ill.  
**"Ovaltube"**  
 Austin (M. B.) Co., 108 S. Desplaines, Chicago, Ill.  
 Central Tube Co., First Nat. Bank Bldg., Pittsburgh, Pa.  
**"Cenlaco," "Whitenred"**  
 Cohoes Rolling Mill Co., Cohoes, N. Y.  
**"Indian"**  
 Garland Mfg. Co., Grant Bldg., Pittsburgh, Pa.  
**"Galvduct," "Loricated"**  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn.  
**"Greenfielduct," "Spragueduct"**  
 Laclede Steel Co., Arcade Bldg., St. Louis, Mo.  
 National Electric Products Corp., Fulton Bldg., Pittsburgh, Pa.  
**"Suparduct"**  
 Steel & Tubes, Inc., 224 E. 181st, Cleveland, O.  
**"Electrunite," "Steelubes"**  
 Triangle Conduit & Cable Co., Inc., Dry Harbor, Rd. & Cooper Av., Bklyn, N. Y.  
 Walker Bros., Conshohocken, Pa.  
 Youngtown Sheet & Tube Co., Youngstown, O.  
**"Buckeye"**

**CONDUIT STRAPS**—See *Straps, Pipe and Conduit*

**CONNECTIONS, Range, Gas**

Colonial Stove Co., 2154 E. Somerset, Phila., Pa.  
**"Kwik Connector"**  
 Gray-Wilson Co., 6460 Kercheval Av., Detroit, Mich.  
**"Romine Ducti Linx"**  
 Sunshine Mantle Co., Chanute, Kan.  
**"Sunmanco"**  
 Wilkoff Specialty Co., 107 Pennwood Av., Pittsburgh, Pa.

**CONNECTORS, Battery**

Diller Electric Mfg. Co., Kokomo, Ind.  
 Fahnestock Electric Co., 46-44 11th, Long Island City, N. J.  
 Ideal Clamp Mfg. Co., 200 Bradford, B'klyn, N. Y.  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

**CONNECTORS, Bead Chain**

Bead Chain Mfg. Co., Bridgeport, Conn.

**CONNECTORS, Extension Cord**

Deal Electric Co., Inc., 838 Berry, Brooklyn, N. Y.  
 Nu Way Products, Inc., 708 Majestic Bldg., Milwaukee, Wis.  
**"Safe-Way"**

**CONNECTORS, Pole, Squeegee**

Greenview Mfg. Co., 2557 Greenview Av., Chicago, Ill.  
**"Arrow"**

**CONSOLE RADIO RECEIVING SETS**—See *Sets, Console, Receiving, Radio*

**CONSOLE SETS**—See *Sets, Console*

**CONSTRUCTION AIRPLANE KITS & SUPPLIES**—See *Airplanes, Construction Kits & Supplies*

**CONSTRUCTION TOYS, Steel, Stone, Wood, Etc.**

American Wunder Mfg. Co., 1025 6th Av., Rock Island, Ill.  
**"Wunder Lumber"**  
 Brownie Stix, Rochester, N. Y.  
 Buddy "L" Mfg. Co., East Moline, Ill. (Steel)  
 Chandler-Davis Co., Evanston, Ill.  
**"Toycrete"**  
 Dobson (H. Hudson) Co., 200 Fifth Av., New York, N. Y.  
 Dowst Mfg. Co., Chicago, Ill.  
**"Tootsietoyz" (Steel)**  
 Embossing Co., Albany, N. Y. (Wood)  
 Gilbert (A. C.) Co., New Haven, Conn. (Steel)  
 Lewis (G. B.) Co., Watertown, Wis.  
**"Arkitoz Play Lumber"**  
 Playskool Inst. Div. of Thornecraft, Inc., Chicago, Ill. (Hammer-Nail Set)  
 Root (A. I.) Co., Medina, O.  
**"Mak-A-Kit"**  
 Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.  
 Smith (S. A.) Mfg. Co., Brattleboro, Vt.  
 Stanley Wks., New Britain, Conn.  
**"Stanlio" (Steel)**  
 Steel-Builder Co., Inc., 2 Orange, Newark, N. J.  
**"Steelbuilder" (Steel)**  
 Structo Mfg. Co., Freeport, Ill.  
 Toy Thinkers, Inc., Evanston, Ill.  
 Wolverine Supply & Mfg. Co., Pittsburgh, Pa.  
**"Mak-A-Clock" (Steel)**  
 Wright (John Lloyd) Inc., Chicago, Ill.  
**"Lincoln Logs"**

**CONTAINERS, Bottle, Milk**

Perfection Mfg. Co., St. Louis, Mo.

**CONTAINERS, Corn Cob**

Thieman Harvester Co., Inc., Albert City, Ia.  
**"Kleen Kitchen Kob"**

**CONTAINERS, Ice-Cube**

Rubatex Distributors, Inc., 420 Lexington Av., New York, N. Y.  
**"Frigidette"**

**CONTAINERS, Picnic, Insulated**

Koolhot Sales Co., 30 E. Superior, Duluth, Minn.  
**"Pic-Pac"**  
 Lockwood Products, 2061 Southport Av., Chicago, Ill.  
**"Ther-Mo-Pack"**  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y.  
**"Master"**

**CONTAINERS, Refrigerator Food**

Seurlock Kontanerette Corp., Merchandise Mart Chicago, Ill.

**CONTRACTOR WARNING TORCHES**—See *Torches, Road, Warning*

**CONTROLLERS, Fence, Electric**

Babeon Bros. Inc., 2843 W. 19th, Chicago, Ill.  
 Diller Electric Mfg. Co., Kokomo, Ind.  
**"Barb Elec," "Detect-O-Meter"**  
 Electric Service Systems, Inc., 3549 Nicollet Av., Minneapolis, Minn.  
**"Hol-Dem"**  
 Electrite Fence Co., 177 Kilnans Bldg., Whitewater, Wis.  
**"Electrite"**  
 Electro-Line Fence Co., 121 N. B'way., Milwaukee, Wis.  
**"Electro-Link"**  
 Farm Electric Mfg. Co., Inc., 1420 Wabash Av., Kansas City, Mo.  
**"Big Six"**  
 Farm Equipment Co., 1422 Wabash Av., Kansas City, Mo.  
**"Paramount"**  
 Gardner Mfg. Co., Horicon, Wis.  
**"Cesco"**  
 Guaranteed Products Corp., Wellington, O.  
**"Shox-Stok"**  
 Hartman Electrical Mfg. Co., Mansfield, O.  
 Hot-Wire Co., 3266 N. 33rd, Milwaukee, Wis.  
 Ideal Mfg. Co., West Allis, Wis.  
**"Ideal"**  
 International Electric Fence Co., 910 W. Van Buren, Chicago, Ill.  
 Ives Engineering Laboratories, 2212 W. Kinzie, Chicago, Ill.  
**"Bee," "Big Bee," "Hummer"**  
 Parker-McCrory Mfg. Co., 2611 Walnut, Kansas City, Mo.  
**"Parmak"**  
 Prime Mfg. Co., 1669 S. First, Milwaukee, Wis.  
**"Prime"**  
 Smith (Landon P.), Inc., 180 Coit, Irvington, N. J.  
**"Red Devil"**  
 Sparks-Whittington Co., Jackson, Mich.  
**"Stock-Aide"**  
 Super Fence Corp., 1516 S. Wabash Av., Chicago, Ill.  
**"Super"**  
**CONTROLS AND EQUIPMENT, HUMIDITY**—See *Equipment and Controls, Humidity*  
**CONVEYORS, INDUSTRIAL**—See *Trolleys & Trolley Tracks, Overhead*  
**CONVEYORS, Light Material**  
 Allith-Prouty, Inc., Danville, Ill.  
 Coburn Trolley Track Co., Holyoke, Mass.  
**"Coburn"**  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Starline, Inc., Harvard, Ill.  
**"Starline"**  
 Wagner Mfg. Co., Cedar Falls, Ia.  
**COOK KNIVES**—See *Knives, Cook*

**COOKERS, Egg, Electric**

Hankcraft Co., Madison, Wis.  
**"Egg-Ett"**  
 Landers, Frary & Clark, New Britain, Conn.  
**"Universal"**  
 Manning, Bowman & Co., Meriden, Conn.  
 Samson-United Corp., Rochester, N. Y.

**COOKERS, Electric**

Brannon, Inc., 14307 Third Av., Detroit, Mich.  
**"Zephyr"**  
 Crown Stove Works, 4632 W. 12th Pl., Chicago, Ill.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn.  
**"Hotpoint"**  
 Griswold Mfg. Co., Erie, Pa.  
 Grady & Dudley Co., Nashville, Tenn.  
**"Washington Kitchenette," "Washington Range"**  
 Landers, Frary & Clark, New Britain, Conn.  
**"Universal"**  
 Manning, Bowman & Co., Meriden, Conn.  
 National Stamping & Electric Wks., Chicago, Ill.  
**"White Cross"**  
 Naxon Utilities Corp., 2101 W. Walnut, Chicago, Ill.  
**"Naxon Autochef"**  
 Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, Ohio.  
 Steel Materials Corp., 17260 Gable Av., Detroit, Mich.  
**"Stemco"**  
 Swartsbaugh Mfg. Co., Toledo, O.  
**"Ideal," "Everhot"**  
 U. S. Mfg. Co., Decatur, Ill.  
**"Bakemaster"**

**COOKERS, Feed**

American Scale Co., Kansas City, Mo.  
 Brower Mfg. Co., Quincy, Ill.  
 Butler Co., Butler, Ind.  
 Celina Mfg. Co., Celina, O.  
**"Monarch"**  
 Columbian Steel Tank Co., Kansas City, Mo.  
 Donaldson Bros., Mt. Clemens, Mich.  
 Ferguson Mfg. Co., Dubuque, Ia.  
**"Favorite," "Star"**  
 Freeland Sons Co., Sturgis, Mich.  
**"Star"**  
 Freeland Steel Tank Co., Portage, Wis.  
**"Lightning," "Quick Meal," "Star"**  
 Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.  
 Heller-Aller Co., Napoleon, O.  
**"National"**  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
**"Modoc," "Ozark," "Yukon"**  
 Mit-Shef Stamping Mfg. Co., Quincy, Ill.  
 Moore Mfg. Co., Waterloo, Ia.  
**"Beat"**  
 Moore Plow & Implement Co., Greenville, Mich.  
 Pioneer Mfg. Co., Middlebury, Ind.  
**"Lightning," "Quick Meal," "Star"**  
 Plymouth Foundry & Mach. Co., Plymouth, Wis.  
 Reliable Incubator & Brooder Co., Quincy, Ill.  
 St. Paul Corrugating Co., St. Paul, Minn.  
**"Acme Kettle Cooker," "Pruden"**  
 Sperry (D. R.) & Co., Batavia, Ill.  
 Star Tank Co., Goshen, Ind.  
**"Twentieth Century," "Winner"**  
 Swift Mfg. Co., Waterloo, Ia.  
 Vernier Mfg. Co., Cedar Rapids, Ia.  
 Wagner Mfg. Co., Sidney, O.

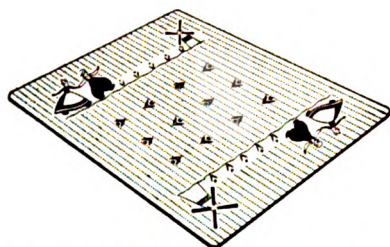
**COOKERS, Fireless**

General Electric Co., Bridgeport, Conn.  
**"Hotpoint"**  
 Kalamazoo Stove Co., Kalamazoo, Mich.  
 Locke (H. C.) Co., Avon Lake, O.



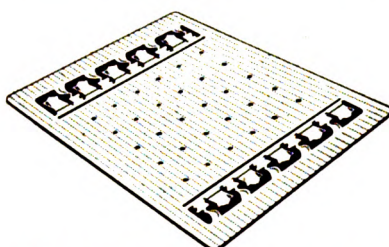
## Feature PRO-TEX PADS for Volume and Profits!

• These attractive metal-and-asbestos Pads are used on stoves, refrigerators, tables—wherever surfaces must be protected against heat and scratches. Housewives like the way their gleaming, colorful tops add charm and attractiveness to the home. They appreciate the soft, non-scratch asbestos base.



**DUTCH TULIP Pattern—No. DT**

This pattern comes in TWO colors—the first time any stove and table pad has been so attractively decorated in more than one color. Each of the four sizes is available in white-and-red or green-and-red.



**COFFEE CUP Pattern—No. CC**

A one-color pattern that glorifies the American national beverage. Available in red, green, black or blue—the same colors that were so popular last season.

## This popular housewares item has 101 uses in the home.... 101 appeals to housewives

Best of all, they are delighted with the low price, which makes it easy to buy as many as needed.

PRO-TEX Pads are made in four patterns, as described below. Each pattern comes in four popular sizes—18" x 20", 14" x 17", 8½" x 20", 7" x 7".

### PLAIN Pattern—No. TRO

An attractive crimped pattern, designed for long service and economy. Similar to No. DT and No. CC, but without decoration.

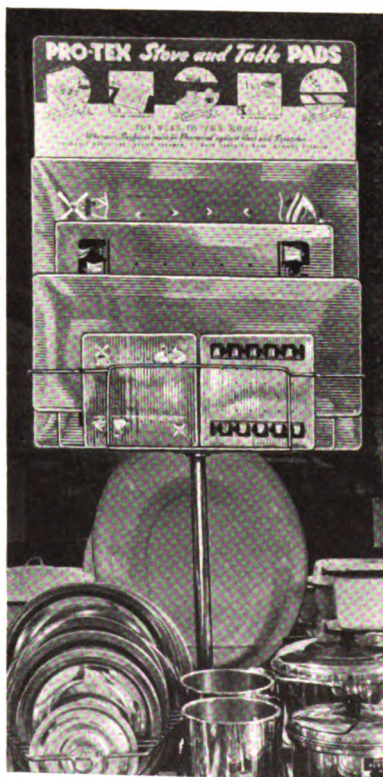
### CHROME PLATED Pattern—No. XL

New! Sensational! Chrome plated with satin stripe. CHROME . . . with all its beauty and luster, its durability and recognized quality . . . at the price formerly charged for nickel plated! The most beautiful pad on the market.



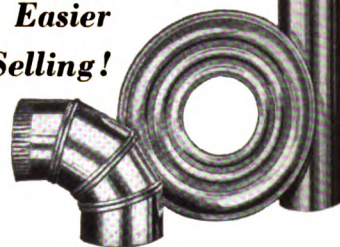
This new display will sell PRO-TEX Pads—boost your sales and profits. Easily installed. Occupies none of your valuable counter space. Puts the Pads up where they can be seen and bought. Ask your jobber for full details or write direct.

Prices and free samples of PRO-TEX Pads will be mailed promptly on request.



## BALLONOFF CHROME PLATED STOVE PIPE

*Better Looking! Easier  
to Clean! Faster Selling!*



• Today's demand is for chrome pipe . . . especially BALLONOFF Chrome Pipe. Because today BALLONOFF Chrome Pipe is even better than ever—at no increase in price! It is *triple plated*, like the finest household appliances. Highest grade cold-rolled, heat resisting steel is the base. *First*, copper is applied . . . forming a perfect bond between the steel and the final finish, and offering resistance to corrosion and rust. *Second*, nickel plate on top of the copper, providing additional luster and protection. (Where low price is the important factor, nickel is the final finish). *Third*, chrome plate over the nickel. Chrome is the acme of perfection . . . an absolute guarantee against tarnishing . . . positive assurance of *lasting beauty*. Send for discounts and free samples—and judge for yourself.

**BALLONOFF**  
METAL PRODUCTS CO.



5800 Kinsman Road

Cleveland, Ohio

Mention Hardware Age When Writing

Digitized by Google



**COOKERS, Steam**

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear Ever"  
 Aluminum Goods Mfg. Co., Manitowoc, Wis. "Vapo-Seal"  
 Aluminum Products Co., La Grange, Ill. "Lifetime", "Thermaware"  
 Bremer Aluminum Corp., New Washington, O. "Dr. Koch"  
 Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
 Kewaskum Aluminum Co., Kewaskum, Wis. "No-water"  
 McAlister (E. J.) & Co., Inc., 1422 N. 8th, Phila., Pa.  
 Moore Enameling & Mfg. Co., West Lafayette, O. "Enamart", "Marblart", "Memco Decorated", "Memo Standard", "Moore"  
 Swartzbaugh Mfg. Co., Toledo, O. "Conserve"  
 United States Stamping Co., Moundsville, W. Va.

**COOKERS, Steam Pressure**

Aluminum Products Co., La Grange, Ill. "Lifetime"  
 Ball Bros. Co., Muncie, Ind. "Eclipse", "Ideal"  
 Burpee Can Sealer Co., 218 W. Liberty, Barrington, Ill. "Burpee"  
 Lakeside Aluminum Co., Menomonie, Wis. "Home Eclipse"  
 National Aluminum Mfg. Co., Peoria, Ill. "Health"  
 National Pressure Cooker Co., Eau Claire, Wis. "National Presto"  
 Pieper Products Co., 413 North Orleans, Chicago, Ill. "Flex-Seal"  
 Wisconsin Aluminum Fdry. Co., Inc., Manitowoc, Wis. "All-American", "Handi-Kooker", "Master", "Queen"

**COOKERS, Waterless**

West Bend Aluminum Co., West Bend, Wis. "Economy", "West Bend"

**COOKIE BAKERS—See Bakers, Cookie****COOKIE JARS—See Jars, Cookie****COOKIE PANS—See Bakers, Cookie****COOKIE PRESSES—See Presses, Cookie****COOKIE SHEETS—See Sheets, Baking****COOKING BOILERS—See Ware, Aluminum; also Ware, Enamelled; also Ware, Tin****COOKING GLASSWARE—See Ware, Oven****COOKING SETS, Toy, Aluminum—See Sets, Cook-****ing, Toy, Aluminum****COOKING STOVES—See kind desired under Stoves;****also Ranges****COOKING UTENSIL COVER KNOBS—See Knobs,****Cover****COOKING UTENSIL COVERS—See Covers, Cook-****ing Utensil****COOKING UTENSIL LIFTERS—See Lifters, Cook-****ing Utensil****COOKING UTENSIL REPAIR PATCHES—See****Patches, Cooking Utensil Repair****COOKING UTENSILS—See under Ware; also ar-****ticle desired****COOKING UTENSILS, Camp—See Utensils, Cook-****ing, Camp****COOLER FAUCETS—See Faucets, Cooler****COOLERS, Beer, Portable**

American Tap Bush Co., Detroit, Mich. "Peerless"  
 Brown Mfg. Co., Gloucester, Mass.  
 Cady Mfg. Co., Erie, Pa. "Lectrik-Ice"  
 Westinghouse Electric & Mfg. Co., Mansfield, O.

**COOLERS, Bottle, Beverage**

Alaska Freezer Co., Inc., Winchendon, Mass. "Auto Vacuum"  
 Brunswick-Balke-Collender Co., Inc., 623 S. Wabash  
 Av., Chicago, Ill. "Blue Flash" (Electric)  
 Conley Corp., 1329 Arlington, Cincinnati, O.  
 "Crosley Koldrink" (Electric)  
 General Electric Co., Nela Park, Cleveland, O.  
 "G-E"  
 Kemp & Co., Macomb, Ill.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Nash-Kelvinator Corp., 14250 Plymouth Rd., De-  
 troit, Mich. "Kelvinator"  
 North Bros. Mfg. Co., N. E. cor. American and  
 Leigh Av., Phila., Pa. "Lightning" (With Ice  
 Chest Breaker)  
 Toledo Stamping & Mfg. Co., Toledo, O. "Polar  
 Pak"  
 Uniflow Mfg. Co., Erie, Pa. "Lectrik-Ice" (Electric)  
 Westinghouse Electric & Mfg. Co., Mansfield, O.

**COOLERS, Ice Cube, Vacuum**

American Thermos Bottle Co., Norwich, Conn.  
 Lansing, Frary & Clark, New Britain, Conn.  
 Manning, Bowman & Co., Meriden, Conn. "Bombay"

**COOLERS, Milk and Cream**

American Copper & Brass Wks., Cincinnati, O.  
 Cherry-Burrell Corp., Chicago, Ill.  
 Frigidaire Div. General Motors Sales Corp., Dayton,  
 O. "Frigidaire"  
 Harburg Mfg. Co., Rutland, Vt.  
 Howe & Butner Co., Cattaraugus, N. Y. "Purity."  
 New York, 3364 E. Layton Av., Cudahy, Wis. (Elec-  
 tric)

Southwest Hdwe. Mfg. Co., Ft. Smith, Ark. "Blue  
 Label"

Specialty Brass Co., Kenosha, Wis.  
 Success Mfg. Co., Gloucester, Mass.  
 Super-Fence Corp., 1516 S. Wabash Av., Chicago,  
 Ill. "Super"  
 Superior Sheet Metal Works Co., 3201 Roosevelt  
 Av., Indianapolis, Ind. "Superior"  
 Uniflow Mfg. Co., Erie, Pa. "Lectrik-Ice" (Electric)  
 Waukesha Motor Co., Waukesha, Wis. (Gasoline  
 & Electric)  
 Westinghouse Electric & Mfg. Co., Mansfield, O.  
 (Electric)

**COOLERS, Water**

Copeland Refrigeration Corp., Sidney, O. "Cope-  
 land"

Cordley & Hayes, 145A Hudson, New York, N. Y.  
 "Cordley", "20th Century" (Ice or Electric—Bot-  
 tle & Pressure Types)  
 Davis Cooperage Co., Martinsville, Ind.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Federal Enameling & Stamping Co., McKees Rocks,  
 Pa. "Handy Drink" (Refrigerator)  
 Frigidaire Div. General Motors Sales Corp., Dayton,  
 O. "Frigidaire"  
 General Electric Co., Nela Park, Cleveland, O.  
 "G-E"  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Per-  
 fection"  
 Hamburg Bros., Wheeling, W. Va. "Coldrink"  
 (Refrigerator)  
 Hemp & Co., Macomb, Ill. "Topmost"  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 McKee Glass Co., Jeannette, Pa. "Glaabake"  
 Nash-Kelvinator Corp., 14250 Plymouth Rd., De-  
 troit, Mich. "Kelvinator"  
 National Enameling & Stamping Co., 270 N. 12th,  
 Milwaukee, Wis.  
 Pittsburgh Pottery Co., Pittsburgh, Pa.  
 Polar Ware Co., Sheboygan, Wis. (Refrigerator)  
 Porcelier Mfg. Co., Greensburg, Pa. (Refrigerator)  
 St. Louis Cooperage Co., St. Louis, Mo.  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schluter Mfg. Co., St. Louis, Mo. "De Luxe"  
 Sneath Glass Co., Hartford City, Ind. (Refrigerator)  
 Stratton & Terstegge Co., Inc., Mfg. Div., Louis-  
 ville, Ky. "Falls City"  
 Uniflow Mfg. Co., Erie, Pa. "Lectrik-Ice" (Electric)  
 Union Cooperage Co., St. Louis, Mo. "U. C."  
 United States Stamping Co., Moundsville, W. Va.  
 (Refrigerator)  
 Vollrath Co., Sheboygan, Wis. (Refrigerator)  
 Westinghouse Elec. & Mfg. Co., Mansfield, O. "Duni-  
 Automatic" (Electric)

**COOPERS' FLAGGING IRONS—See Irons, Flagging****COOPERS' HOOP DRIVERS—See Drivers, Coop-****ers' Hoop****COOPERS' HOOP FASTENERS—See Fasteners,****Hoop****COOPERS' RIVETS—See Rivets, Coopers'****COOPERS' SHAVES—See Shaves, Coopers'****COOPERS' TOOLS—See Tools, Coopers'****COOPS, Brood, Poultry**

Beatrice Steel Tank Mfg. Co., Beatrice, Neb.  
 Butler Co., Butler, Ind.  
 Cyclone Mfg. Co., Urbana, Ind. "Lawn Park"  
 "Non-Parking"  
 Des Moines Incubator Co., Des Moines, Ia. "Suc-  
 cessful"  
 Electroweld Mfg. Co., 8217 W. Irving Blvd., Chi-  
 cago, Ill.  
 Heller-Aller Co., Napoleon, O.  
 Hoeft Div. Bell & Gossett, Inc., 2309 Davis, No.  
 Chicago, Ill.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago,  
 Ill.  
 Klein Mfg. Co., Burlington, Ia. "K-Line"  
 Mit-Shel Stamping Mfg. Co., Quincy, Ill. "Argo"  
 New Delphos Mfg. Co., Delphos, O.  
 Reliable Incubator & Brooder Co., Quincy, Ill.  
 Royal Mfg. Co., Bowling Green, O. "Royal"  
 United Steel & Wire Co., Battle Creek, Mich. "Steel  
 Pyramid"  
 Weber-Kirch Mfg. Co., Keokuk, Ia. "W-K"

**COOPS, Poultry, Shipping**

Barnard (Phillip) Co., Sioux City, Ia.  
 Davenport Ladder Co., Davenport, Ia.  
 United Steel & Wire Co., Battle Creek, Mich.

**COPING SAW FRAMES—See Frames, Coping Saw****COPING SAWS—See Saws, Coping****COPPER BOLTS—See Bolts, Brass, Bronze and****Copper****COPPER BURRS—See Burrs, Copper****COPPER FERRULES—See Ferrules, Brass and****Copper****COPPER FLOATS, Closet Tank—See Floats, Closet****Tank, Copper****COPPER FLOATS, Steam Trap and Boiler—See****Floats, Copper, Steam Trap and Boiler****COPPER KETTLES—See Kettles, Copper****COPPER MEASURES—See Measures, Liquid, Cop-****per****COPPER NAILS—See Nails, Copper****COPPER NUTS—See Nuts, Brass and Copper****COPPER PAINT—See Paints, Copper****COPPER PIPE—See Tubing, Brass and Copper;****also Pipe, Brass and Copper****COPPER RIVETS—See Rivets, Brass and Conne-**

COPPER, Sheet and Rod—See Brass and Copper.

Sheet and Rod

COPPER-STEEL PIPE—See Pipe, Copper-Steel

COPPER TACKS—See Tacks, Brass and Copper

COPPER TUBING—See Tubing, Brass and Copper

COPPER WARE—See Ware, Copper

COPPER WASHERS—See Washers, Brass and

Copper

COPPER WIRE—See Wire, Brass and Copper

COPPER WIRE CLOTH—See Cloth, Wire, Alumi-

num, Black, Brass, Bronze, Copper, Galvanized,

Etc.

COPPER WOOL—See Wool, Copper

COPPER & ZINC ORNAMENTS—See Ornaments,

Copper and Zinc

COPPERED WIRE—See Wire, Coppered

**COPPERS, Soldering**

(See also Irons, Soldering, Electric)

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av.,

Chicago, Ill. "Allen"

Barrett, Wm. L., Bristol, Conn. "Lokton"

Chase Brass & Copper Co., Waterbury, Conn.

Clendenin Bros., 110 South, Baltimore, Md.

Electric Materials Co., North East, Pa. "Electric"

Everhot Mfg. Co., Flothow & St. Charles, May-

wood, Ill.

Hussey (C. G.) & Co., Pittsburgh, Pa.

Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.

(Combination Soldering Iron & Blow Torch)

Klauser Mfg. Co., Dubuque, Ia.

Lenk Mfg. Co., Newton Lower Falls, Mass.

Michigan Smelting & Refining Co., Detroit, Mich.

Niagara Mach. & Tool Wks., Buffalo, N. Y.

Nu-Tone Laboratories, Inc., 40 N. Wells, Chicago,

Ill.

Peck, Stow & Wilcox Co., Southington, Conn.

"Pexto"

Revere Copper & Brass, Inc., 230 Park Av., New

York, N. Y.

Stover Mfg. & Engine Co., Freeport, Ill.

Turner Brass Wks., Sycamore, Ill. "Hold Heat"

**COPPERS, Soldering, Self-Heating**

Everhot Mfg. Co., Flothow & St. Charles, Maywood,

Ill.

**CORD, Braided—See Cord, Sash; also Lines, Clothes****CORD CUTTERS—See Cutters, Rope, Cord and****Twine****CORD, Extension, Electric**

American Automatic Electric Sales Co., 1033 W.

Van Buren, Chicago, Ill. "Ajax"

American Insulated Wire Corp., Providence, R. I.

"Kenrite"

Arrow, Hart & Hegeman Electric Co., Hartford, Conn.

Belden Mfg. Co., Chicago, Ill.

Consolidated Wire & Associated Corp., Chicago, Ill.

Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.

Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y.

Frost (Herbert H.) Inc., Elkhart, Ind.

General Cable Corp., 420 Lexington Av., New York,

N. Y.

Herst (Wm.) Co., Chicago, Ill. "Lais-Flat"

Marks Products Co., Inc., 84 N. 9th, Brooklyn, N. Y.

"Snapit"

Mitchell Specialty Co., Holmesburg, Phila., Pa.

"Ironcase Reel"

Monowatt Electric Corp., 570 Lexington Av., New

York, N. Y.

Noma Electric Corp., 55 W. 13th, New York, N. Y.

"Noma"

Westinghouse Electric & Mfg. Co., Mansfield, O.

**CORD, Lamp and Heater, Electric, Etc.**

American Insulated Wire Corp., Providence, R. I.

"Kenrite"

American Steel & Wire Co., Rockefeller Bldg.,

Cleveland, O. "American"

Anacosta Wire & Cable Co., 25 Bway., New York,

N. Y.

Arrow, Hart & Hegeman Electric Co., Hartford, Conn.

Belden Mfg. Co., Chicago, Ill.

Collyer Insulated Wire Co., Pawtucket, R. I.

Connecticut Molded Products Corp., Meriden, Conn.

Consolidated Wire & Associated Corp., Chicago, Ill.

Crescent Insulated Wire & Cable Co., Trenton,

N. J.

Davis-Jones Insulated Wires, Pawtucket, R. I.

Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.

Diamond Braiding Mills, Chicago Heights, Ill.

Essex Wire Corp., Detroit, Mich.

General Cable Corp., 420 Lexington Av., New York,

N. Y.

General Electric Co., 1285 Boston Av., Bridgeport,

Conn. "G-E"

General Insulated Wire Co., Providence, R. I.

Globe Insulated Wire Co., Wollaston, Mass.

Habirshaw Cable & Wire Corp., Yonkers, N. Y.

Hatfield Wire & Cable Corp., Hillside, N. J. "Ha-

tex"

Hazard Insulated Wire Wks., Div. of Okonite Co.,

Wilkes-Barre, Pa.

Herst (Wm.) Co., Chicago, Ill. "Lais-Flat"

Holyoke Co., Holyoke, Mass.

Lowell Insulated Wire Co., Lowell, Mass.

Monowatt Electric Corp., 570 Lexington Av., New

York, N. Y.

National Electric Products Corp., Pittsburgh, Pa.

Okonite Co., Passaic, N. J.

Phila. Insulated Wire Co., Phila., Pa.

Providence Insulated Wire Co., Providence, R. I.

Rockbestos Products Co., New Haven, Conn.

Schelling's (John A.) Sons Co., Trenton, N. J.

**CORD, Lamp and Heater, Electric, etc.**  
(Continued)

United States Rubber Co., 1230 6th Av., New York, N. Y.  
Wheeler Insulated Wire Co., Bridgeport, Conn.  
Whitney Blake Co., New Haven, Conn.  
**CORD, Picture—See Wire, Picture**

**CORD, Sash**

(See also Chain, Sash)

American Mills Co., Atlanta, Ga. "XLCR"  
Anniston Cordage Co., Anniston, Ala.  
Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Granite," "Hi-Land," "White"  
Atco Co., Atlanta, Ga.  
Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
Cleveland Mill & Power Co., Lawndale, N. C.  
Fricke (J. E.) Co., Phila., Pa. "Jefferson"  
Granite Cordage Co., Hickory, N. C.  
Highland Cordage Co., Hickory, N. C.  
Hoffman Lion Mills Co., Inc., Fall River, Mass.  
Hooper (Wm. E.) & Sons Co., Phila., Pa. "Parkdale," "Sterling," "Sturdee"  
Mallison Braided Cord Co., Athens, Ga. "Excelsior," "National," "Oconee," "Victor"  
Puritan Cordage Mills, Louisville, Ky. "Magnolia," "Puritan," "Kendale," "Regal," "Southgate"  
Rockford Mfg. Co., Rockford, Tenn.  
Rocky Mount Cord Co., Rocky Mount, N. C.  
"Meridian," "Monarch," "Rockwell"  
Samson Cordage Works, 89 Broad, Boston, Mass.  
"Aetna," "Phoenix," "Sachem," "Samson Spot," "Samson Wire Centre"  
Shuford Mills, Hickory, N. C.  
Silver Lake Co., 99 Chauncy, Boston, Mass. "Bengal," "Eddystone," "NuCord," "Pelham," "Silver Lake," "Silver Lake A." (Tubehanks)  
Southern Mills Corp., Oxford, Ala.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Whittier Mills Co., Chattahoochee, Ga. "U. S."

**CORD, Sash, Wire, Steel**

(See also Chain, Sash)

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
MacWhyte Co., Kenosha, Wis.  
Roebling's (John A.) Sons Co., Trenton, N. J. "Blue Center," "Roebling"  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**CORD, Shade**

Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Ivory"  
Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.

Draper (E. E.) & Sons, Inc., Rocky Mount, N. C.  
Lees Mfg. Co., 257 4th Av., New York, N. Y.  
Puritan Cordage Mills, Louisville, Ky. "Puritan"  
Raucher Mfg. Co., 25 7th, Norwich, Conn. "Racco"  
Rocky Mount Cord Co., Rocky Mount, N. C.  
Samson Cordage Works, 89 Broad, Boston, Mass. "Samson"

Silver Lake Co., 99 Chauncy, Boston, Mass. (Ventilator & Railroad Bell & Signal)

**CORD SWITCHES—See Switches, Cord, Electric****CORD, Venetian Blind**

Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Ivory," "Monarch"  
Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.

Draper (E. E.) & Sons, Inc., Rocky Mount, N. C.  
Puritan Cordage Mills, Louisville, Ky. "Puritan"  
Raucher Mfg. Co., 25 7th, Norwich, Conn. "Racco"  
Rocky Mount Cord Co., Rocky Mount, N. C.  
Samson Cordage Works, 89 Broad, Boston, Mass. "Samson"

Silver Lake Co., 99 Chauncy, Boston, Mass.

**CORDAGE—See also Rope****CORDAGE and TWINE**

(See also Twine)

American Mfg. Co., West & Noble Sts., Bklyn., N. Y. "American"  
American Mills Co., Atlanta, Ga.  
Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Gotham," "Hi-Land," "Oakdale"  
Atkins & Pearce Mfg. Co., Cincinnati, O.  
Bibb Mfg. Co., Macon, Ga.  
Broderick & Bascom Rope Co., St. Louis, Mo.  
California Cotton Mill Co., East Oakland, Cal.  
Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
Cating Rope Wks., Inc., Maspeth, N. Y.  
Cayuga Linen & Cotton Mill, Auburn, N. Y.  
Cleveland Mill & Power Co., Lawndale, N. C.  
Columbian Rope Co., 852 Genesee, Auburn, N. Y. "Columbian"  
Dolphin Jute Mills, Paterson, N. J.  
Eagle Cotton Mills Co., Madison, Ind.  
Fidler (Edwin H.) Co., 5625 Tacony, (Frankford), Phila., Pa.  
Fricke (J. E.) Co., Phila., Pa.  
Fulton Bag & Cotton Mills, Inc., Atlanta, Ga. "Eagle Sail"  
Hanover Cordage Co., Hanover, Pa.  
Highland Cordage Co., Hickory, N. C.  
Hoffman Lion Mills Co., Inc., Fall River, Mass. "Hoffman"  
Holden, James, Fall River, Mass.  
Hooper (Wm. E.) & Sons Co., Phila., Pa.  
Hooven & Allison Co., Xenia, O.

Jackson (Thos.) & Son Co., Reading, Pa.  
January & Wood Co., Mayville, Ky.  
Johnson-Pickett Rope Co., 82 South, New York, N. Y.  
Knox (W. & J.) Net & Twine Co., Baltimore, Md.  
Lambeth Rope Corp., New Bedford, Mass.  
Linen Thread Co., Inc., 60 E. 42nd, New York, N. Y. "Barbour"

Mallison Braided Cord Co., Athens, Ga.  
Meagher's (Jas.) Sons, San Francisco, Cal.  
Neptune Twine & Cord Mills, Moodus, Conn.  
New Bedford Cordage Co., New Bedford, Mass.  
Oakdale Cotton Mills, Jamestown, N. C.  
Peoria Cordage Co., Peoria, Ill. "Peerless"  
Plymouth Cordage Co., North Plymouth, Mass. "Plymouth"

Portland Cordage Co., Portland, Ore.  
Puritan Cordage Mills, Louisville, Ky. "Puritan"  
Rauschenberger (John) Co., Milwaukee, Wis.  
Rinek Cordage Co., Easton, Pa.  
Rugg (E. T.) & Co., Newark, O.  
Samson Cordage Works, 89 Broad, Boston, Mass.  
Schlichter Jute Cordage Co., Phila., Pa.  
Semple Mfg. Co., Louisville, Ky.  
Southern Mills Corp., Oxford, Ala.  
Undine Twine Mills, Inc., Moodus, Conn.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"

Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Challenger Brand Sisal," "Waterbury Brand Java"  
Westport Mfg. Co., Fall River, Mass.  
Whitlock Cordage Co., 48 South, New York, N. Y.  
Wortendyke Mfg. Co., Richmond, Va.  
**CORERS, Apple—See Corers, Fruit and Vegetable**

**CORERS, Cabbage**

Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
Smith's (John E.) Sons Co., Buffalo, N. Y. "Buffalo"  
Stortz (John) & Son, 210 Vine, Phila., Pa.

**CORERS, Fruit and Vegetable**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
A. & P. Engineering Co., Inc., 22 Green, Newark, N. J.  
Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J. (Also Left Hand)  
Burns Mfg. Co., Syracuse, N. Y. (Grapefruit)  
Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
Chief Products Co., 701 E. 59th, Los Angeles, Cal. "Chief"

Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"

Hamblin & Russell Mfg. Co., Worcester, Mass.  
Houchin (Thos. W.) Corp., 9 McPherson Pl., Jersey City, N. J.

Hygienic Products Corp., Portland, Me. (Grapefruit)  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.

Lewis, E. J., Middleport, N. Y.  
P. M. C. Mfg. Corp., Phenicia, N. Y.  
Ressler (G. S.) & Son, Lansing, Mich. "Champion"  
Rockford Metal Spec. Co., Rockford, Ill. "Vantage"  
Turner & Seymour Mfg. Co., Torrington, Conn. (Grapefruit and Oranges)

Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "No Chip"

Wallace & Co., Wallingford, Conn.  
Washburn Company, Worcester, Mass.

**CORERS, Vegetable—See Corers, Fruit and Vegetable**

**CORK BALLS—See Balls, Cork**  
**CORK BUNGS—See Bungs, Cork**  
**CORK GASKETS—See Gaskets, Cork**  
**CORK PULLERS—See Pullers, Cork**  
**CORK WASHERS—See Washers, Cork**

**CORKERS, Hand**

Redlich Mfg. Co., 637 W. Oak, Chicago, Ill.

**CORKS**

Acme Cork Co., Inc., 75 Spring, New York, N. Y. "Acme"  
American Cork Co., Boston, Mass.  
Armstrong Cork Co., Lancaster, Pa.  
Consolidated Cork Corp., 55 Bogart, Bklyn., N. Y.  
Coyne & Paddock, Inc., 48-15 82nd Pl., Long Island City, N. Y.  
Dodge Cork Co., Inc., Lancaster, Pa.  
Kimberkork Co., Chicago, Ill.  
Mundt Cork Corp., 65 W. 11th, Bklyn., N. Y. "Jointite"

Redlich Mfg. Co., 637 W. Oak, Chicago, Ill.

**CORKSCREWS**

(See also Pullers, Cork)

Almo Trading & Imp. Co., 3 W. 18th, New York, N. Y.  
American Lime Corp., 373 Washington, New York, N. Y. "Fresco"  
Baker (H.) & Co., 101 Duane, New York, N. Y.  
Bridell (Chas. D.), Inc., Crisfield, Md. "Bridell"  
Continental Mfg. Co., 702 6th Av., New York, N. Y.  
Corbin, P. & F., New Britain, Conn.  
Danbury-Knauden, Inc., 30 Rockefeller Plaza, New York, N. Y.  
Rockwell, Clough Co., Alton, N. H.  
Stephens (Windsor) & Co., Waltham, Mass.  
Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Nifty"

Voss Co., Inc., New Haven, Conn.  
Wallace Bros., Wallingford, Conn. "W. B. W."

Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.

**CORN BROOMS—See Brooms, Corn****CORN COB CONTAINERS—See Containers, Corn****Corn Cob****CORN CRIBS—See Cribbs, Corn****CORN CUTTERS—See Cutters, Corn****CORN DRYERS—See Dryers, Corn****CORN GRINDING MILLS—See Mills, Corn Grinding****CORN HOES—See Hoes, Garden & Field****CORN HOOKS—See Hooks, Corn****CORN HULLERS—See Hullers, Corn****CORN HUSKERS—See Huskers, Corn;****CORN KNIVES—See Knives, Corn****CORNPLANTERS—See Planters, Corn, Hand****CORN-ON-COB HOLDERS—See Holders, Corn-on-Cob****CORN POPPER WIRE CLOTH—See Cloth, Wire****Corn Popper****CORN POPPERS—See Poppers, Corn****CORN RACKS—See Dryers and Racks, Corn Seed****CORN RAZORS—See Razors, Corn****CORN SEED GRADERS—See Graders, Corn Seed****CORN SHELLERS—See Shellers, Corn****CORNER BEADS—See Beads, Corner****CORNER BIT BRACES—See Braces, Bit, Corner****CORNER BRACES—See Irons, Braces, Corner****CORNER HINGE PLATES—See Plates, Hinge****Corner****CORNER IRONS—See Irons, Braces, Corner****CORNER PLATES—See Plates, Corner****CORNERS, Box, Chest and Table**

Budd (Edward G.), 25th & Hunting Park Av., Phila., Pa.  
Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
Corbin Cabinet Lock Co., New Britain, Conn.

Kell (Francis) & Son, Inc., 401 E. 168d, New York, N. Y.

Ludwig (A.) & Co., 75 Spring, New York, N. Y.  
National Brass Co., Grand Rapids, Mich. "Dexter"

Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.

Schartow Iron Products Co., Racine, Wis. "Spoon"  
Stanley Wks., New Britain, Conn.

**CORNERS, Building, Metal**

Beatrice Steel Tank Mfg. Co., Beatrice, Neb.  
Edwards Mfg. Co., Cincinnati, O.

Kees (F. D.) Mfg. Co., Beatrice, Neb.  
Klauser Mfg. Co., Dubuque, Ia.

La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.

Merwin Mfg. Co., Erie, Pa.  
Milcor Steel Co., Milwaukee, Wis.

Northwest Metal Products, Inc., Seattle, Wash. "Norwesco"

Reeves Steel & Mfg. Co., Dover, O.  
Shrauger & Johnson, Inc., Atlantic, Ia. "Chief"

**CORNERS, Sash**

Zelk, H., 111 Garrison Av., Jersey City, N. J. "Frame Saver"

**CORNERS, Screen, Frame**

Champion Hardware Co., Geneva, O.  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.

"Micklin Dual"  
General Hardware Mfg. Co., 16 Warren, New York, N. Y.

Griffin Mfg. Co., Erie, Pa.  
Kees (F. D.) Mfg. Co., 24 High, Beatrice, Neb.

Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R. Sterling, Ill.

McKinney Mfg. Co., Pittsburgh, Pa.  
Penn Supply & Metal Corp., 948 N. 8th, Phila., Pa.

Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.

Quadrige Mfg. Co., Chicago, Ill.  
Safe Padlock & Hdw. Co., Lancaster, Pa.

Sargent & Co., New Haven, Conn.  
Sharon Hardware Mfg. Co., Sharon, Pa.

Stanley Wks., New Britain, Conn.

**CORNERS, Stair**

Alden Mfg. Co., Painesville, O.  
Brainerd Mfg. Co., East Rochester, N. Y.

Corbin Cabinet Lock Co., New Britain, Conn.  
Gould-Mersereau Co., Inc., 189 Lexington Av., New York, N. Y.

Judd (H. L.) Co., Inc., Wallingford, Conn.  
Kirsch Co., Sturgis, Mich.

Smith Corner Shield Co., 1117 Xerxes Av., Minneapolis, Minn.

Weber-Knapp Co., Jamestown, N. Y.

**CORNICE HOOKS—See Hooks, Cornice****CORNICES, Galvanized**

Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"

Canton Art Metal Co., Canton, O.  
Corning Mfg. Co., Corning, N. Y.

Danzer Metal Wks., Hagerstown, Md.  
Meyer (F.) & Bro., Co., Peoria, Ill. "Handy"

Milcor Steel Co., Milwaukee, Wis.  
Souther (E. E.) Iron Co., St. Louis, Mo.

**CORRESPONDENCE LIFTS—See Lifts, Correspondence**



# F & N

## Has More and Better Lawn Mower Values for 1941!

### Most Complete Line...

### Built by Industry's Leader



FOR 1941, F & N covers every price and quality bracket with better values for you and your customers. The assortment is so complete—the values so outstanding—you can fill all your lawn mower needs to better advantage from this one line.

THE F & N LINE is much broader and greatly improved for 1941. The Sheffield is a typical new number. It's a streamlined, pressed steel mower with many advantages—and it sells at a popular price.

THE DELUXE MARATHON, with zinc alloy die-cast parts, 1/3 lighter, is again the top-quality number. This mower, illustrated here, was the sales success of the year in the quality field. With the price lowered—but the same *unusual margin of profit* available to you—the Marathon will be an even bigger sales success next year.

ASK YOUR JOBBER about the complete F & N program for 1941. Book your futures now and be protected against possible price increases later.

THE F & N LAWN MOWER CO.  
Richmond, Indiana

EXTRA SPECIAL F & N  
ADDITION FOR 1941

Get full information about the new F & N SHEFFIELD—a streamlined, pressed steel mower. It's a fitting companion for the Marathon and all the other fine mowers in the complete F & N line.

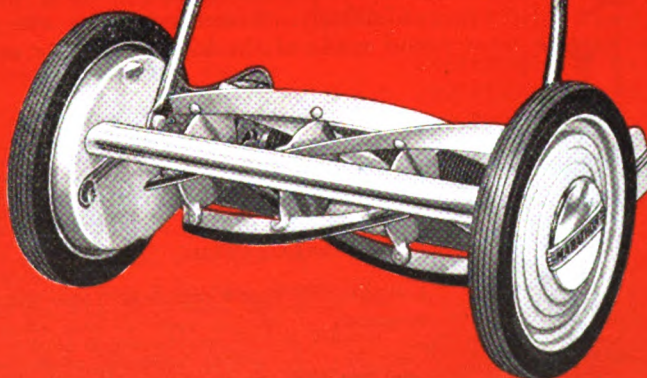


BEAUTIFULLY BALANCED  
AND STREAMLINED

DIE CASTINGS GIVE  
MACHINE PRECISION

UNBREAKABLE ZINC  
ALLOY, 1/3 LIGHTER

CUTS EXTRA EASY  
AND QUIETLY



Covered by Mechanical and Design  
Patents Nos. 2,005,102; 1,162,446;  
1,162,847; 1,162,848; 1,172,693

See What F & N Offers Before You Book Your Lawn Mower Future!





# GEYER FARM and GARDEN TOOLS

## A Complete Line

The attractive appearance of these modern garden tools catches the customer's attention instantly—their improved construction clinches the sale. The tines of all forks are curved just right for best results—the heads of all tools are hung to give proper balance—the handles are shaped to insure that comfortable feeling—smoothly sanded and finished to enhance their beauty. The attractive label adds the finishing touch. Geyer Rakes, Forks and Hoes all share the same *high quality*. A complete line for every need.

**GARDEN CULTIVATORS and SEEDERS**  
Geyer's new and improved line of double and single wheel cultivators in more than 50 patterns to cover every requirement and Seeders that do the work unfliningly. Attachments for every kind of work and made of the highest quality materials.

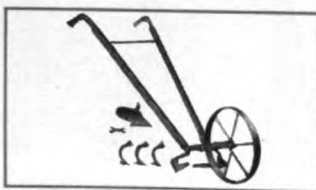
## THIS STRIKING DISPLAY STAND WILL SELL TOOLS FOR YOU

This well-built attractively painted stand displays 12 tools. Weight 25 lbs. Packed in carton. Write for Special Circular.

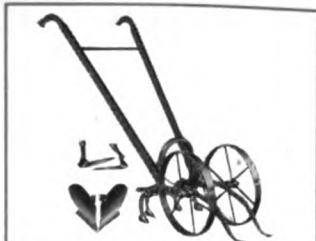
Catalogs of our Complete Line mailed to you upon request.

**GEYER MFG. CO.**  
ROCK FALLS

Digitized by Google



No. 600-S—Single Low Wheel—Garden Cultivator.



No. 615-M Two wheel—Garden Cultivator.



Tool Display Stand.



No. 850 High Wheel Cultivator with sturdy Oak Handles.



No. R10 Rotary Cultivator—A 3 I Garden Tool.



No. 600M Combination Hill Drill Seeder—Double and Single Wheel Cultivator.



No. 605 Hill and Drill Seeder

**CORRUGATED ROOFING AND SIDING**—See Roofing and Siding, Metal  
**CORRUGATED WALL FLASHING**—See Flashing, Wall, Corrugated  
**CORRUGATED FASTENERS**—See Fasteners, Wood Joint, Corrugated  
**CORUNDUM WHEELS**—See Wheels, Grinding

**COTS, Camp, Folding**  
 (See Also Beds or Berths, Camp and Automobile)  
 Conch Bros. Mfg. Co., Atlanta, Ga.  
 Crawford Furniture Mfg. Co., Inc., Shreveport, La.  
 Fulton Bag & Cotton Mills, Atlanta, Ga.  
 Gen. Crib & Cradle Co., Gardner, Mass.  
 Gold Medal Folding Furniture Co., Racine, Wis.  
 "Racine"  
 Haggard & Marcellus Co., Chicago, Ill.  
 Hetrick Mfg. Co., 1401 Summit, Toledo, O.  
 Hunt Spring Bed Co., Chattanooga, Tenn.  
 McGraw Machine Co., Lincoln, Neb. "Lincoln," "Standard," "Super"  
 Moore Co., Muncie, Ind. "Real-Rest"  
 Nappanee Lumber & Mfg. Co., Nappanee, Ind.  
 Pratt Corp., Coldwater, Mich.  
 Telescope Folding Furniture Co., Granville, N. Y.  
 Tucker Duck & Rubber Co., Ft. Smith, Ark. "Leader," "Teelens"

**COTS, Dog**  
 American Pad & Textile Co., Greenfield, O. "Ta-Pat-Co"  
 Gold Medal Folding Furniture Co., Racine, Wis. "Gold Medal"  
 Hendryx (Andrew B.) Co., New Haven, Conn. "Puppy Bunk"  
**COTTER PIN EXTRACTORS**—See Extractors, Cotter Pin  
**COTTER PINS**—See Pins, Cotter

**COTTERS AND KEYS**  
 (See also Pins, Cotter)  
 American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Campbell Hammerlock"  
 American Steel Co., Pittsburgh, Pa.  
 Brooks (M. B.) & Sons, Chester, Conn.  
 Cobb & Drew, Inc., Plymouth, Mass.  
 Hindley Mfg. Co., Valley Falls, R. 1.  
 Hubbard Spring Mfg. Co., Pontiac, Mich.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O. "Efficiency"  
 National Screw & Mfg. Co., Cleveland, O.  
 Washburn Company, Worcester, Mass.  
 Western Wire Products Co., 1415 W. 18th, St. Louis, Mo. "W W"

**COTTON CHOPPER HOES**—See Hoes, Cotton Chopper  
**COTTON DUCK**—See Duck, Cotton  
**COTTON GLOVES**—See Gloves and Mittens, Canvas, Cotton, Leather, Etc.  
**COTTON HOES**—See Hoes, Cotton  
**COTTON HOOKS**—See Hooks, Cotton  
**COTTON MOPS**—See Mops, Polishing  
**COTTON PICKER BAGS**—See Bags, Cotton Picker  
**COTTON PICKER SHEETS**—See Sheets, Cotton Picker  
**COTTON PLANTERS**—See Planters, Corn and Cotton, Walking  
**COTTON ROPE**—See Rope, Cotton  
**COTTON TIES**—See Ties, Cotton  
**COTTON TWINE**—See Twine, Wrapping, Etc.  
**COTTON WASTE**—See Wipings, Waste, Cotton  
**COTTON WEBBING**—See Webbing, Cotton  
**COTTON WICKING**—See Wicking, Cotton  
**COUNTER BRUSHES**—See Brushes, Household  
**COUNTER CATALOG HOLDERS**—See Holders, Catalog, Counter  
**COUNTER DISPLAY BASKETS**—See Baskets, Counter Display  
**COUNTER DISPLAY DIVIDERS**—See Dividers, Display, Counter  
**COUNTER RAILINGS**—See Railing, Porch, Counter, Balcony, Etc.  
**COUNTER RULES**—See Rules, Counter  
**COUNTER SCALES**—See Scales, Counter

**COUNTERBORES**  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.  
 Grant & Donelson Div. of Mayhew Steel Products, Inc., Conway, Mass. "Reliable"  
 Connecticut Valley Mfg. Co., Centerbrook, Conn.  
 Garing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
 Kendrick & Davis Co., Lebanon, N. H.  
 Keystone Beamer & Tool Co., Millersburg, Pa.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 New Britain Tool & Mfg. Co., Inc., New Britain, Conn.  
 Pratt & Whitney Co., Hartford, Conn.  
 Production Tool Co. of America, Inc., Detroit, Mich.  
 Standard Tool Co., Cleveland, O.  
 Whitman & Barnes, Inc., Detroit, Mich.

**COUNTERS, Display, Nail, Store Wrapping, Etc.**  
 Aurora Equipment Co., Aurora, Ill. "Equipto"  
 Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"

Bulman (E. O.) Mfg. Co., Inc., Grand Rapids, Mich.  
 Columbus Show Case Co., 826 W. 5th Av., Columbus, O.  
 Frick-Gallagher Mfg. Co., Wellston, O. "Rotabin"  
 General Fireproofing Co., Youngstown, O. "All-steel"  
 Grand Rapids Store Equipment Co., Grand Rapids, Mich.  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Interlock Metal Units, Inc., 50 Cliff, New York, N. Y.  
 Lyons Metal Products, Inc., 136 Madison Av., Aurora, Ill.  
 Schwartz Showell Corp., 842 W. Goodale Blvd., Columbus, O. "Showell"  
 Stark (James E.) Co., 25 Plum, Memphis, Tenn.  
 Store Kraft Mfg. Co., Beatrice, Neb.  
 Universal Equipment Co., 3601 Arthington, Chicago, Ill.  
 Universal Fixture Corp., 183 W. 23rd, New York, N. Y.  
 Waddell Co., Inc., Greenfield, O.  
 Warren (J. D.) Mfg. Co., Montpelier, O.  
 Wellston Mfg. Co., Wellston, O. "Revolve"  
**COUNTERSINK BITS**—See Bits, Countersink

**COUNTERSINKS**  
 Alvord-Polk Tool Co., Millersburg, Pa.  
 American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Buck Bros., Millbury, Mass.  
 Butterfield & Co., Div., Union Twist Drill Co., Derby Line, Vt.  
 Clark Equipment Co., Buchanan, Mich. "Celfor"  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.  
 Connecticut Valley Mfg. Co., Centerbrook, Conn.  
 Deuse, E. W., Chester, Conn.  
 Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
 Greenlee Tool Co., Rockford, Ill.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Kendrick & Davis Co., Lebanon, N. H.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 North Bros. Mfg. Co., N. E. cor. American and Lehigh Av., Phila., Pa. "Yankee"  
 Paine, Benjamin, O., Millbury, Mass.  
 Production Tool Co. of America, Inc., Detroit, Mich.  
 Pugh (Job T.), Inc., Phila., Pa.  
 Robinson (M. W.) Co., 28 Warren, New York, N. Y. "Smith's"  
 Snell Mfg. Co., Fiskdale, Mass.  
 Standard Tool Co., Cleveland, O.  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Star Bit & Tool Co., Rockford, Ill.  
 Starrett (L. S.) Co., Athol, Mass.  
 Swan (Jas.) Co., Seymour, Conn.  
 Tuck Mfg. Co., Brockton, Mass.  
 Union Twist Drill Co., Athol, Mass.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Whitman & Barnes, Inc., Detroit, Mich.  
**COUNTERSINKS AND DRILLS, Combined**—See Drills and Countersinks, Combined  
**COUNTERSUNK WASHERS**—See Washers, Countersunk  
**COUNTING BOARDS**—See Boards, Spelling, Counting, Reading, Etc.

**COUPLERS, Dog**  
 Baltimore Leather Goods Co., Baltimore, Md.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O. "Buck-eye"  
 Ney Mfg. Co., Canton, O.  
 Wilson, Wm. A., 50 Warren, New York, N. Y.  
**COUPLERS, Shaft, Carriage, Wagon, Etc.**  
 Bradley (C. C.) & Son, Syracuse, N. Y.  
 Clapp (E. D.) Mfg. Co., Auburn, N. Y.  
 Cleveland Hdw. & Fdry. Co., 3250 E. 79th, Cleveland, O.  
 Columbus Bolt Wks. Co., Columbus, O.  
 Cowles (C.) & Co., New Haven, Conn.  
 Fernald Mfg. Co., North East, Pa. "Burton," "1901"  
 Wilcox (D.) Mfg. Co., Mechanicsburg, Pa.  
**COUPLING PINS**—See Pins, Coupling

**COUPLERS, Trailer**  
 Brice Automatic Coupler Co., 4151 Colfax Av., N. Minneapolis, Minn.  
 Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S. E., Cleveland, O.  
 Hagstrom Mfg. Co., 505 W. 25th, Kansas City, Mo.  
 Hancock Mfg. Co., 225 N. Horton, Jackson, Mich.  
 "Dandy"  
 Marvel Trailer Parts Co., 19034 Celestine Av., Detroit, Mich.  
 Mercury Mfg. Co., 4118 S. Halstead, Chicago, Ill.  
 Patterson Mfg. Co., 218 S. Main, Clintonville, Wis.  
 Rose (Frank) Mfg. Co., Hastings, Neb.  
 Saginaw Plating & Specialty Co., 2119 S. Jefferson, Saginaw, Mich. "Snapping Turtle"  
 Ziegelmeyer Auto Camp Co., 801 S. Henry, Bay City, Mich. "Eversilent," "Little Giant"

**COUPLINGS, Belt, Round**  
 Armstrong-Bray & Co., 304 N. Loomis, Chicago, Ill. "Flexgrip"  
 Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill. "LX"  
**COUPLINGS, Compression**  
 American Injector Co., Detroit, Mich.  
 Bond Fdry. & Mach. Co., Manheim, Pa. "Spiro"  
 Chain Belt Co., Milwaukee, Wis. "C. B. Co."  
 Commonwealth Brass Corp., Detroit, Mich.  
 Dole Valve Co., Chicago, Ill.  
 Dresser (S. R.) Mfg. Co., Bradford, Pa.  
 Edelmenn (E.) & Co., Chicago, Ill.  
 Erie Clutch & Pulley Co., Erie, Pa.  
 Foote Bros. Gear & Machine Co., Chicago, Ill.  
 Golden's Fdry. & Mach. Co., Columbus, Ga.  
 Hill Clutch Machine & Fdry. Co., Cleveland, O.  
 Hunter (Jas.) Mach. Co., North Adams, Mass.  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 Jones (W. A.) Fdry. & Mach. Co., Chicago, Ill.  
 Mobile Pulley & Machine Wks., Mobile, Ala.  
 Newton Mfg. Co., Plainville, Conn.  
 Nicholson (W. H.) & Co., Wilkes-Barre, Pa.  
 Parker Appliance Co., Cleveland, O.  
 Wood's (T. B.) Sons Co., Chambersburg, Pa.

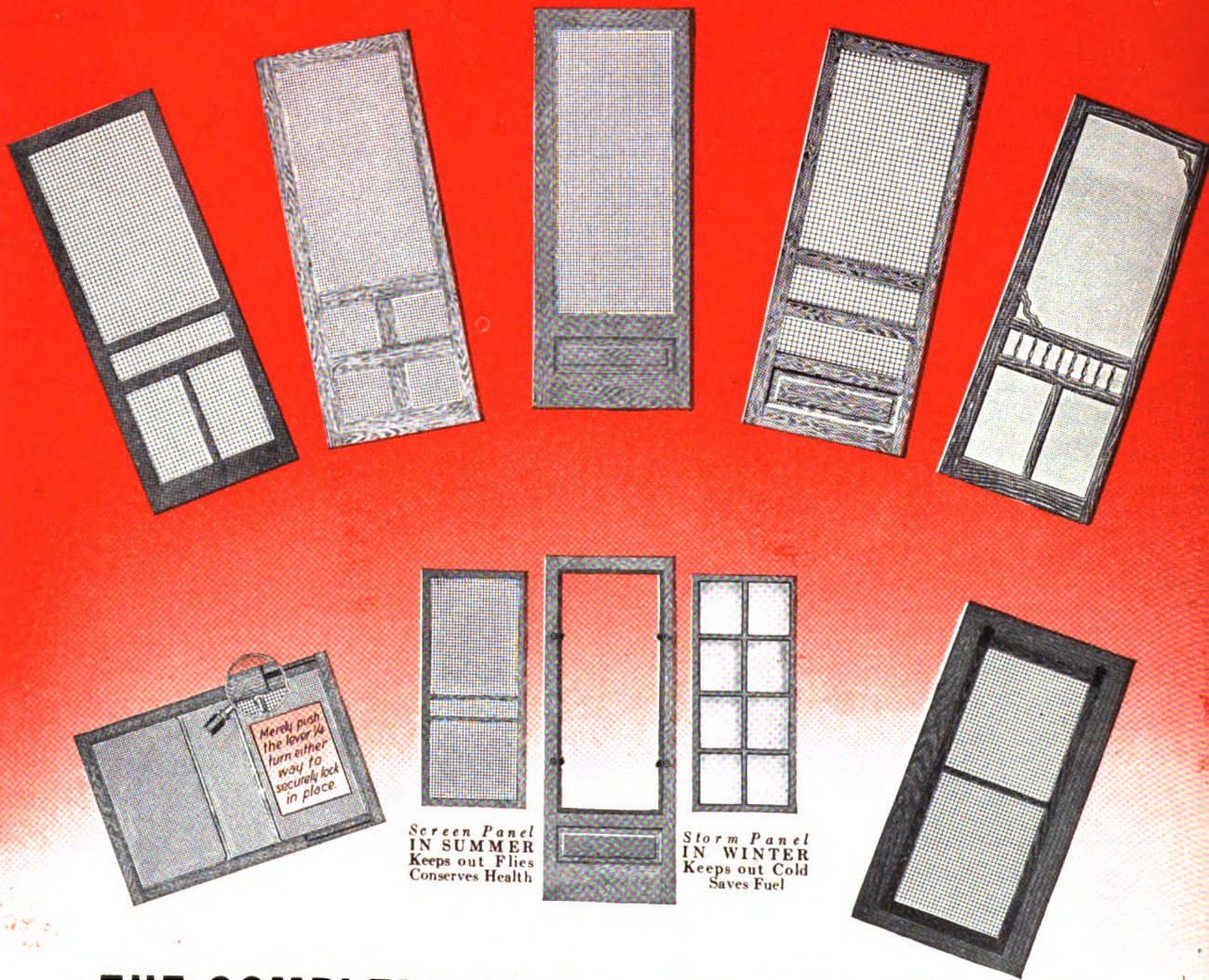
**COUPLINGS, Hose**  
 Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill. "Bull Dog," "Evanston"  
 Alsteel Mfg. Co., Battle Creek, Mich.  
 Aluminum Co. of America, Pittsburgh, Pa.  
 Anderson (G. A.) Mfg. Co., Baltimore, Md.  
 Bignall Co., Medina, N. Y.  
 Buckeye Iron & Brass Wks., Dayton, O.  
 Cleveland Brass Mfg. Co., 4606 Hamilton Av., Cleveland, O. "Barrett Weijex"  
 Curtis Screw Co., Inc., 17 Gull, Buffalo, N. Y. "Rapid"  
 Dixon Valve & Coupling Co., 1700 No. Hancock, Phila., Pa. "Boos"  
 Durt Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Eclipse Mach. Co., Elmira, N. Y. "Bendix Red Cap"  
 Ever-Tite Coupling Co., 254 W. 54th, New York, N. Y. "Ever-Tite"  
 Franklin Tool Co., Buffalo, N. Y.  
 Haydenville Co., Haydenville, Mass.  
 Hose Accessories Co., 1715 W. Lehigh Av., Phila., Pa.  
 Hunt (C. B.) & Son, Salem, O. "Quick as Wink"  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Philadelphia, Pa. "Keystone"  
 Manco Mfg. Co., Bradley, Ill.  
 Master Specialty Co., Inc., 2969 E. 37th, Cleveland, O. "Jiffy"  
 Medina Stamping & Mach. Co., Medina, N. Y.  
 Morse (Andrew J.) & Son Co., Boston, Mass.  
 Mulconroy Co., Inc., Phila., Pa. "Mulconroy."  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Nelson (L. R.) Mfg. Co., Peoria, Ill.  
 Niedners (Chas.) Sons Co., Malden, Mass.  
 Nu-Way Coupling Co., 119 S. Alvarado, Los Angeles, Cal. "Magic-Ring"  
 Phoenix Hardware Mfg. Co., Buffalo, N. Y.  
 Powell (Wm.) Co., Cincinnati, O.  
 Rauch Mfg. Co., Galena, Kan. "Eureka," "Reliable"  
 Romort Mfg. Co., Oakfield, Wis.  
 Schrader's (A.) Son, Div. of Scovill Mfg. Co., Inc., 470 Vanderbilt Av., B'klyn, N. Y.  
 Scovill Mfg. Co., Waterbury, Conn. "Super-Clinch"  
 Sev Products, Inc., 2002 Rand Bldg., Buffalo, N. Y. "Fits-All"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 "Long-Grip," "Standard"  
 Surelock Lawn Hose Coupler Co., 10th & Douglas, Omaha, Neb. "Surelock"  
 United States Rubber Co., 1230 6th Av., New York, Union Die Casting Co., Ltd., 2269 E. 51st, Los Angeles, Cal. "Clamp-On"  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Waterbury Brass Goods Corp., Waterbury, Conn.

**COUPLINGS, Pipe**  
 Byers (A. M.) Co., Pittsburgh, Pa.  
 Capitol Mfg. & Supply Co., Columbus, O.  
 Dart (E. M.) Mfg. Co., Providence, R. I.  
 Dresser (S. R.) Mfg. Co., Bradford, Pa.  
 Grabler Mfg. Co., 6565 B'way, Cleveland, O. "G"  
 Lincoln Brass Wks., Detroit, Mich.  
 Lunkenheimer Co., Cincinnati, O.  
 National Tube Co., Frick Bldg., Pittsburgh, Pa.  
 Walworth Co., 60 E. 42nd, New York, N. Y.

**COUPLINGS, Pump Rod**  
 Red Jacket Mfg. Co., Davenport, Ia.  
**COUPLINGS, Rope**—See Clamps, Rope  
**COUPLINGS, Shaft, Flexible**  
 Bond Fdry. & Mach. Co., Manheim, Pa.  
 Central Die Casting & Mfg. Co., 2935 W. 47th, Chicago, Ill.  
 Chicago Die Casting Mfg. Co., 2500 W. Monroe, Chicago, Ill.  
 Congress Die Casting Div., Congress Tool & Die Co., 3750 E. Outer Drive, Detroit, Mich.  
 Dodge Mfg. Corp., Mishawaka, Ind.  
 Foote Bros. Gear & Mach. Co., Chicago, Ill.  
 General Electric Co., 1 River Road, Schenectady, N. Y. "G-E"  
 Hill Clutch Mach. & Fdry. Co., Cleveland, O.  
 Lovejoy Flexible Coupling Co., 5009 W. Lake, Chicago, Ill. "L-R"  
 Westinghouse Elect. & Mfg. Co., East Pittsburgh, Pa.  
 Wood's (T. B.) Sons Co., Chambersburg, Pa.



# Continental



## THE COMPLETE LINE... THE QUALITY LINE!

When you sell the CONTINENTAL line of Screen Doors and Window Screens you can supply EVERY style and finish demand with a quality product, assuring customer satisfaction.

This 34-year leadership in complete range and value has also made CONTINENTAL the outstanding PROFIT line of Screen Doors, Combination Doors, and Window Screens for the hardware trade!

**Call Your Jobber!**

**CONTINENTAL SCREEN COMPANY**  
DETROIT, MICHIGAN

Mention Hardware Age When Writing **Google**



**COVER HOLDERS**—See Holders, Cover

**COVER KNOBS**—See Knobs, Cover, Cooking Utensil

## COVERINGS, Floor

Armstrong Cork Co., Lancaster, Pa.  
Bird & Son, Inc., East Walpole, Mass.  
Carthage Mills, Inc., 124 W. 66th, Cincinnati, O.  
"Carthastan," "Invader"  
Congoletum-Nairn, Inc., Kearny, N. J. "Crescent Seal," "Gold Seal"  
R-C-A Rubber Co., Akron, O. "Flexi-Flor," "Flexi-Tile"

## COVERING, Pipe, Asbestos

Aene Asbestos Covering & Flooring Co., Chicago, Ill.  
Cares (Philip) Co. (Lockland), Cincinnati, O.  
National Asbestos Mfg. Co., 163 Henderson, Jersey City, N. J. "Color-Bestos," "Never-Freeze," "Sweat Proof"  
Sill Mountain Co., 176 W. Adams, Chicago, Ill. "Sill-Mo"  
Standard Asbestos Mfg. Co., Chicago, Ill.

## COVERING, Wall

Copay Corp., 1209 Dayton, Cincinnati, O. "Duray"  
Congoletum-Nairn, Inc., Kearny, N. J.  
Du Pont (E. I.) de Nemours & Co., Inc., Newburgh, N. Y. "Muralart"  
Standard Coated Products Corp., 40 Worth, New York, N. Y. "Sanitas"

## COVERS, Bottle, Bowl, Jar, Plate, Etc.

Blossom Mfg. Co., 79 Madison Av., New York, N. Y.  
Seal Sac, Inc., 385 Purchase, Fall River, Mass.  
Soda Corp. of America, 20 W. 22nd, New York, N. Y.  
Richards, Boggs & King, Inc., 367 W. Adams, Chicago, Ill. "Sheer-O-Sheen"

## COVERS, Cake

Carrollton Metal Products Co., Carrollton, O.  
Cincinnati Galvanizing Co., Cincinnati, O.  
Eisenbauer, G. R., 887 2nd Av., New York, N. Y.  
Frieder, Paeschke & Frey Co., Milwaukee, Wis.  
Magic Cover Co., Newport, Me.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Garden Girl," "Nesco"  
Owen-Illinois Can Co., Toledo, O.  
Richards, Boggs & King, Inc., 367 W. Adams, Chicago, Ill. "Sta-Fresh"  
Transparent Specialties Mfg. Co., 6300 Euclid Av., Cleveland, O. "Crystal-Pak" (Transparent)

## COVERS, Can, Ash and Garbage

Frieder, Paeschke & Frey Co., Milwaukee, Wis.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Saxon Can Co., Everett, Mass.  
Witt Cornice Co., 2114 Winchell Av., Cincinnati, O.  
Woodworth Specialties Co., Binghamton, N. Y. "Self-Closing"

## COVERS, Catalog, Loose-Leaf

Buchan Loose Leaf Records Co., Clifton Heights, Pa.  
Heinn Co., 326 W. Florida, Milwaukee, Wis.  
North American Press, 728 N. 7th, Milwaukee, Wis.

## COVERS, Cooking Utensil

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mir-to," "Viko"  
American Aluminum Mfg. Co., Lemont, Ill. "American Maid"  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
Corning Glass Wks., Corning, N. Y. "Pyrex"  
Kewaskum Aluminum Co., Kewaskum, Wis.  
Kaltmeyer (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
Landers, Frary & Clark, New Britain, Conn.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Metal Ware Corp., Two Rivers, Wis. "Pilgrim Ware"  
More Enameling & Mfg. Co., West Lafayette, O. "Enamart," "Marliart," "Memco Decorated," "Memo Standard," "Moore"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Nobell Mfg. Co., Inc., 501 W. Huron, Chicago, Ill.  
Savory, Inc., 591 Ferry, Newark, N. J.  
Scribner Mfg. Co., St. Louis, Mo. "De Luxe"  
Stratton & Terstege Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"  
Toy Stamping Co., Troy, N. Y.  
Up-to-Date Machine Wks., Chicago, Ill. "Stakover"  
Wagner Mfg. Co., Sidney, O.  
Worcester Company, Worcester, Mass.  
West Bend Aluminum Co., West Bend, Wis.

## COVERS, Gun—See Cases, Gun

## COVERS, Knob, Door, Rubber

Rubber Co., Inc., Ravenna, O.

## COVERS and PADS, Ironing Board

Burlington Mills, Inc., Burlington, Wis. "Sno-White"  
Coshocton Mfg. Co., 334 N. 2nd, Coshocton, O. (Non-Flaming)  
Dustmaster Corp., 608 First Av., N. Minneapolis, Minn. "Ironslide"  
Howard Dustless Duster Co., 493 C, Boston, Mass.  
Kitzenthaler (John), 73 Franklin, New York, N. Y. "Ritz"  
Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
Textile Bag Corp., 149 Wooster, New York, N. Y. "O'Kay"  
Thermwool Products Co., Inc., 25 W 30th, New York, N. Y. "Pepperell," "Ozite"  
Welmaid Mfg. Corp., Chicago, Ill. "Lamco"  
Worcester Felt Pad Corp., 11 Brackett Court, Worcester, Mass. "Comfort"

## COVERS, Cistern

American Fdry. & Mfg. Co., St. Louis, Mo.  
Majestic Co., Huntington, Ind. "Majestic"

## COVERS, Electric Appliance

Blossom Mfg. Co., 79 Madison Av., New York, N. Y. "Blossom"  
Seal Sac, Inc., 385 Purchase, Fall River, Mass.  
Richards, Boggs & King, Inc., 367 W. Adams, Chicago, Ill. "Sheer-O-Sheen"

## COVERS, Kettle—See Covers, Cooking Utensil

## COVERS, Man-Hole

Avondale Stove & Fdry. Co., Birmingham, Ala.  
Elk Engineering Wks., Tannery, St. Marys, Pa.  
Fiske (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
Flockhart Foundry Co., 88 Polk, Newark, N. J.  
Klauser Mfg. Co., Dubuque, Ia.  
Laurelton Fdry. Co., Laurelton, Pa.  
Leavitt Mfg. Co., Urbana, Ill.  
Logan Co., Louisville, Ky.  
Majestic Co., Huntington, Ind. "Majestic"  
Marion Machine, Fdry. & Supply Co., Marion, Ind.  
Mobile Pulley & Machine Wks., Mobile, Ala.  
Price-Evans Foundry Corp., Chattanooga, Tenn.  
Ravenna Furnace & Heating Co., Ravenna, O.  
Swett (A. L.) Iron Works, Medina, N. Y.  
Wyatt (F.) Mfg. Co., Salina, Kan.

## COVERS, Pot—See Covers, Cooking Utensil

## COVERS, Racket, Tennis

Brauer Bros., Inc., St. Louis, Mo. "Cantrip"  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Post Mfg. Co., 150 Lafayette, New York, N. Y.  
Rawlings Mfg. Co., St. Louis, Mo.  
Reach (A. J.), Wright & Ditson Co., Chicopee, Mass.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Warren Leather Goods Co., Worcester, Mass.

## COVERS, Radiator

Aluminite Co., Inc., 125 Hillside Av., Jamaica, N. Y.  
Bomar Mfg. Co., Inc., 1114 Bardstown Rd., Louisville, Ky. "Klean-Heat"  
Columbia Metal Box Co., 260 E. 143rd, New York, N. Y.  
Gardner Mfg. Co., Horicon, Wis. "Gardner"  
Hubeny Brothers, Inc., Roselle, N. J.  
Majestic Co., Huntington, Ind.  
Radiant Steel Products Co., Williamsport, Pa. "Rad-kover," "Superad"  
Savage (W. J.) Co., Knoxville, Tenn. "Ja-Nar"  
Shirley Corp., 330 St. Joe, Indianapolis, Ind. "Acme"  
Tuttle & Bailey Mfg. Co., 101 Park Av., New York, N. Y.  
Wallace & Gale Co., 115 S. Gay, Baltimore, Md. "Lord Baltimore"  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. "Wissco"

## COVERS, Rifle—See Cases, Gun

## COVERS, Rod—See Cases, Rod

## COVERS, Rolling Pin and Pastry Board

Hygienic Products Corp., 193 Middle, Portland, Me.  
Magic Cover Co., Newport, Me. "Magic"

## COVERS, Stack, Hay, Etc.

Akron Tent & Awning Co., Akron, O.  
Atlanta Tent & Awning Co., Atlanta, Ga.  
Buckeye Tent, Awning & Mfg. Co., Columbus, O.  
Canvas Products Co., St. Louis, Mo.  
Clifton Mfg. Co., Waco, Tex.  
Daniels (C. R.), Inc., 101 Crosby, New York, N. Y. "Dandux"  
Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
Hetrick Mfg. Co., 1401 Summit, Toledo, O.  
Hetrick (W. E.) & Son, Inc., 1301 Prouty Av., Toledo, O. "Het-Son"  
Martin Metal Mfg. Co., Wichita, Kan.  
Peoria Tent & Awning Co., Peoria, Ill.  
Seick Tent & Awning Co., Des Moines, Ia.  
Springfield Tent & Awning Co., Springfield, O.  
Tucker Duck & Rubber Co., Fort Smith, Ark.  
Werner Canvas Products Co., 607 Bergen, B'klyn, N. Y.

## COVERS, Wash Tub

Enamel Products Co., Cleveland, O. "Tepco"  
Marietta Hollow-Ware & Enameling Co., Marietta, Pa.  
Vesco Corp., 1391 Sedgwick Av., New York, N. Y.  
Vitrious Enameling Co., 6700 Grant Av., Cleveland, O.

## COW BELL STRAPS—See Straps, Leather

## COW BELLS—See Bells, Cow and Sheep

## COW HOBBLE—See Kickers, Cow Anti-

## COW KICKERS, Anti—See Kickers, Cow, Anti-

## COW STALLS—See Stalls and Stanchions, Cow and Bull

## COW STANCHIONS—See Stalls and Stanchions, Cow and Bull

## COW TAIL HOLDERS—See Holders, Tail, Cow

## COW TEAT DILATORS—See Dilators, Teat, Cow

## COW TIES—See Ties, Cattle

## COW WATERING BOWLS—See Bowls, Watering, Cow

## CRAB GRASS RAKES—See Rakes, Dandelion

## CRAB TRAPS—See Traps, Crab

## CRACK FILLERS—See Fillers, Wood

## CRACKERS, Ice Cube—See Breakers, Ice Cube

## CRACKERS, Nut

Arcade Mfg. Co., Freeport, Ill.  
Burnham Pecan Development Corp., Marble Falls, Tex.  
Conco Engineering Wks., Mendota, Ill.  
Dazey Churn & Mfg. Co., 4301 Warner Av., St. Louis, Mo. "Dazey"  
Franklin Tool Co., Buffalo, N. Y. "Krushnon"  
Grey Iron Casting Co., Mt. Joy, Pa.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Malleable Iron Fittings Co., Branford, Conn. "Perfection"  
Michigan Electrical Laboratories, Benton Harbor, Mich. (Electric)  
Morse Mfg. Co., Syracuse, N. Y. "Kra-A-Nut"  
National Sewing Machine Co., Belvidere, Ill. "Vindex"  
Osborne (C. S.) & Co., Harrison, N. J.  
Quackenbush, H. M., Herkimer, N. Y.  
Rollman Mfg. Co., Mt. Joy, Pa. "Rollman"  
Spurlin Plating Co., Waco, Tex. "Perfection"  
Stearns (E. C.) & Co., Syracuse, N. Y. "Krackit," "Stearns Escro"  
Stover Mfg. & Engine Co., Freeport, Ill.  
Turner & Seymour Mfg. Co., Torrington, Conn. "Blue Streak"  
Viking Products Co., Akron, O. "Ice Master"  
Washburn Company, Worcester, Mass. "Bull Dog," "Laura," "May," "Pride"  
Woldert (Alex.) Co., Tyler, Tex. "Squirrel"  
Wrightsville Hdw. Co., Wrightsville, Pa. "Brighton"

## CRADLES, Doll—See Beds, Doll

## CRADLES, Grain

Seymour Mfg. Co., Seymour, Ind.

## CRANES, Ash—See Hoists, Ash

## CRANKCASE OIL DRAINERS—See Drainers, Crankcase, Oil

## CRANKS, Reel, Fishing

Enterprise Mfg. Co., Dept. HA, Akron, O. "Torpedo"  
CRATE OPENERS—See Openers, Crate

## CRATES, Baby Chick

Kline Mfg. Co., Burlington, Ia.

## CRAYON HOLDERS—See Holders, Crayon

## CRAYON SETS—See Sets, Crayon

## CRAYONS, Checking

American Art Clay Co., 4717 W. 16th, Indianapolis, Ind. "Sunray"  
American Crayon Co., Sandusky, O. "Old Faithful"  
Binney & Smith Co., 41 E. 42d, New York, N. Y. "Staonal"  
Blaisdell Pencil Co., 141 Berkley, Phila., Pa.  
Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
General Crayon Co., Easton, Pa. "Lafayette"  
Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Markwell"  
Standard Crayon Mfg. Co., Danvers, Mass.  
Union Crayon Co., Lowell, Mass.

## CRAYONS, Lumber

American Art Clay Co., 4717 W. 16th, Indianapolis, Ind. "Sunray"  
Binney & Smith Co., 41 E. 42d, New York, N. Y. "Staonal," "Graphite"  
Blaisdell Pencil Co., 141 Berkley, Phila., Pa.  
Cleveland Rule Co., Cleveland, O.  
Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
General Crayon Co., Easton, Pa. "Lafayette"  
Standard Crayon Mfg. Co., Danvers, Mass.  
Union Crayon Co., Lowell, Mass.

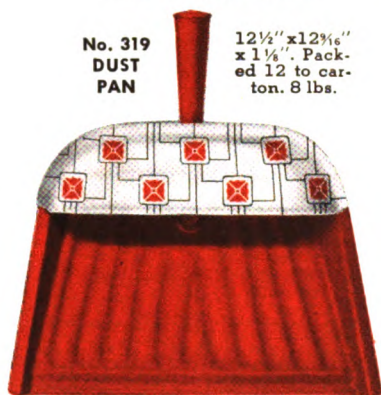


# Another Winner in the *Fastest Selling Line* of Kitchenware Ensembles *Fleurette*



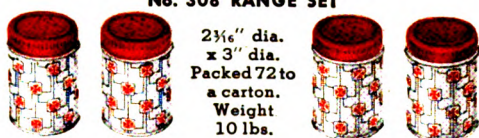
**No. 322 REFUSE CAN**

9" dia. x 10 1/4" deep. Packed 6 to carton. Weight 26 lbs.



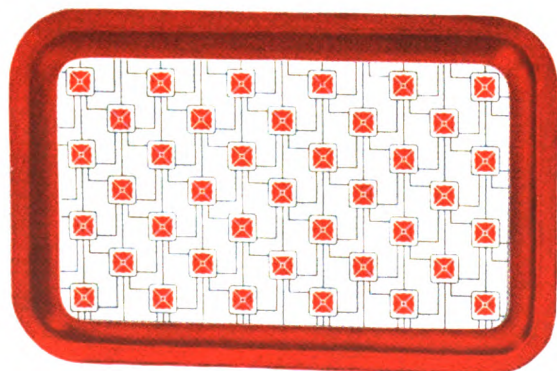
**No. 319 DUST PAN**

12 1/2" x 12 1/2" x 1 1/8". Packed 12 to carton. 8 lbs.



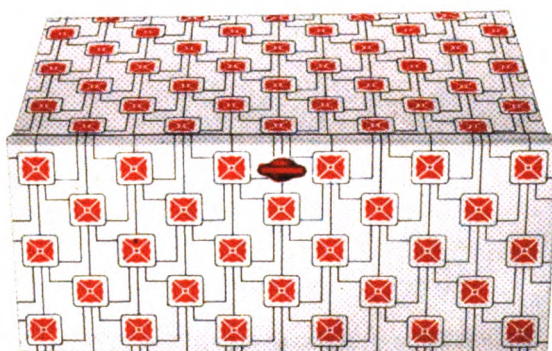
**No. 308 RANGE SET**

2 3/8" dia. x 3" dia. Packed 72 to a carton. Weight 10 lbs.



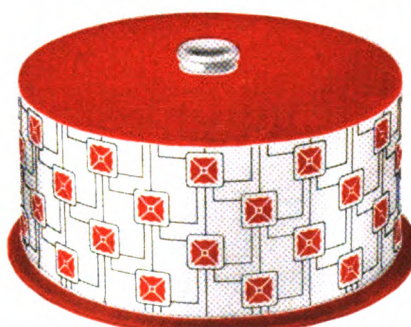
**No. 404 OBLONG TRAY**

17 1/2" x 11 1/2" x 3 1/2". Packed 12 to carton, nested. Weight—14 1/2 lbs.



**No. 321 BREAD BOX**

13 3/4" x 6" x 9 1/2". Packed 6 to carton. Weight—19 lbs.



**No. 317 CAKE SAFE**

Tray—11 3/8" dia. overall. Cover—10 1/8" dia. x 5 1/8" deep. Packed 6 to carton. Wt. 12 1/4 lbs.



**No. 610 WASTE BASKET**

Oval Tapered Style. 10 1/4" x 8 1/4" dia. top. 9 1/4" x 6 1/4" dia. bottom. 12 1/4" deep. Packed 12 to carton, nested. Weight—18 lbs.



**No. 305 FLOUR CANISTER**

7 1/8" dia. x 9 1/2". Packed 12 to carton. Weight—18 1/2 lbs.



**No. 306—4-PIECE CANISTER SET**

Consisting of: No. 301 Tea Canister 3 1/4" dia. x 5 1/2". No. 302 Rice Canister 4 3/8" dia. x 6". No. 303 Coffee Canister 5" dia. x 6 1/4". No. 304 Sugar Canister 6" dia. x 8 1/2". Packed 6 sets to carton, nested. Weight—16 lbs.

**OWENSE ILLINOIS CAN COMPANY** TOLEDO OHIO

Mention Hardware Age When Writing

Digitized by Google



**CRAYONS, Metal Workers**

Binney & Smith Co., 41 E. 42d, New York, N. Y.  
 "Pyrotech"  
 Cobotta Talc Co., Dalton, Ga.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth,  
 Jersey City, N. J.  
 General Crayon Co., Easton, Pa. "Lafayette"  
 Globe Crayon Co., 230 3rd, Bklyn., N. Y.  
 Union Crayon Co., Lowell, Mass.

**CRAYONS, Mill**

American Art Clay Co., 4717 W. 16th, Indianapolis,  
 Ind. "Amaco"  
 Binney & Smith Co., 41 E. 42d, New York, N. Y.  
 Blaisdell Pencil Co., 141 Berkley, Phila., Pa.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth,  
 Jersey City, N. J.  
 General Crayon Co., Easton, Pa. "Lafayette"  
 Globe Crayon Co., 230 3rd, Bklyn., N. Y.  
 Imperial Crayon Co., 174 Avenue S, Bklyn, N. Y.  
 Standard Crayon Mfg. Co., Danvers, Mass.  
 Union Crayon Co., Lowell, Mass.

**CRAYONS, Railroad**

American Art Clay Co., 4717 W. 16th, Indianapolis,  
 Ind. "Amaco"  
 Binney & Smith Co., 41 E. 42d, New York, N. Y.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth,  
 Jersey City, N. J.  
 General Crayon Co., Easton, Pa. "Lafayette"  
 Globe Crayon Co., 230 3rd, Bklyn., N. Y.  
 Imperial Crayon Co., 174 Avenue S, Bklyn, N. Y.  
 Standard Crayon Mfg. Co., Danvers, Mass.  
 Union Crayon Co., Lowell, Mass.

**CREAM COOLERS**—See Coolers, Milk and Cream

**CREAM, Insect**

Enterprise Mfg. Co., Dept. HA, Akron, O. "Pfuegers  
 Shooft"

**CREAM SAMPLERS**—See Samplers, Cream

**CREAM SEPARATORS**—See Separators, Cream

**CREAM and MILK STIRRERS**—See Stirrers, Milk  
 and Cream

**CREAM SETS**—See Sets, Sugar and Cream

**CREAM TESTERS**—See Testers, Milk and Cream

**CREAM WHIPS**—See Beaters and Whips, Eggs,  
 Cream, etc.

**CREEPERS, Automobile**

Baraco Mfg. Co., Louisiana & Nelson, Buffalo,  
 N. Y.  
 Boyle Mfg. Co., Inc., 5100 Santa Fe Av., Los  
 Angeles, Cal. "Boyco"  
 Cincinnati Ball Crank Co., Cincinnati, O. "Brookins"  
 Foster Bros. Mfg. Co., Utica, N. Y.  
 Heifer (J. C.) Mfg. Co., Ashland, O.  
 Huffman Mfg. Co., Dayton, O.  
 Keystone Wire Matting Co., Beaver Falls, Pa.  
 National-Standard Co., Niles, Mich.  
 Wagner Mfg. Co., Cedar Falls, Ia. "E.Z."

**CREEPERS, Ice**

Churchill Mfg. Co., 278 Thorndike, Lowell, Mass.  
 "Featherweight"  
 Clark Leather Products Co., 811 W. North Av.,  
 Chicago, Ill.  
 Crescent Mfg. Co., 1104 10th, Rockford, Ill. "Never  
 Slip"  
 Norlund (O. A.) Co., Williamsport, Pa. "Diamond,"  
 "Norlux"  
 Piqua Emery Cutter & Fdry. Co., Piqua, O.  
 Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
 Staatsburg Ice Tool Wks., Staatsburg-on-Hudson,  
 N. Y. "Pik-U."  
 Thomson (Judson L.) Mfg. Co., Waltham, Mass.  
 "Never Slip"  
 Union Hdw. Co., Torrington, Conn. "Eagle."

**CREMATION URNS**—See Urns, Cremation

**CREMONE BOLTS**—See Bolts, Cremone

**CRIBBAGE BOARDS**—See Boards, Checker, Back-  
 rammon, Cribbage and Chess

**CREOSOTE**

American Creosote Works, Inc., New Orleans, La.  
 C-A Wood Preserver Co., 6623 Delmar Blvd., St.  
 Louis, Mo.  
 Cabot (Samuel), Inc., 141 Milk, Boston, Mass.  
 Carbolignum Wood Preserving Co., Milwaukee, Wis.  
 General Naval Stores Co., Inc., 230 Park Av., New  
 York, N. Y.  
 Koppers Co., Tar & Chemical Div., Koppers Bldg.,  
 Pittsburgh, Pa.  
 Mallinckrodt Chemical Works, 2nd & Mallinckrot,  
 St. Louis, Mo.  
 Reilly Tar & Chemical Corp., 1150 S. Meridian,  
 Indianapolis, Ind.  
 Republic Creosoting Co., 11 S. Meridian, Indian-  
 apolis, Ind.  
 S. P. F. Wood Preserving Co., Inc., Cambridge,  
 Mass.

**CRIBBAGE BOARDS**—See Boards, Checker, Back-  
 rammon, Cribbage and Chess

**CRIBS, Corn**

American Steel & Wire Co., Rockefeller Bldg.,  
 Cleveland, O. "American," "Corn Belt," "Prairie"  
 "Ray"  
 Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nu-  
 ray"  
 Butler Mfg. Co., Kansas City, Mo.

Dickelman Mfg. Co., Forest, O.  
 Freeland Sons Co., Sturgis, Mich.  
 Hastings Equity Grain Bin Mfg. Co., Hastings,  
 Neb.  
 Illinois Wire & Mfg. Co., Joliet, Ill. "Denning"  
 (Portable)  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Martin Steel Products Co., Mansfield, O. "Corn-  
 Saver"  
 Northfield Iron Co., Northfield, Minn.  
 Northwestern Steel & Wire Co., Sterling, Ill.  
 "Sterling"  
 Pioneer Mfg. Co., Middlebury, Ind.  
 Pittsburgh Steel Co., Union Trust Bldg., Pittsburgh,  
 Pa.  
 Sheffield Steel Corp., Sheffield Station, Kansas City,  
 Mo. "Sheffield"  
 Star Tank Co., Goshen, Ind.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Thomas-Armstrong Co., London, O. "Buckeye"  
 Von Steen (John H.) Co., Beatrice, Neb.  
 Younce Co., Union, O. "Economy"  
**CRICKET BATS**—See Bats, Cricket

**CRIMPERS, Cap**

Atlas Powder Co., Wilmington, Del.  
 Ensign-Bickford Co., Simsbury, Conn.

**CRIMPERS, Pipe**

Champion Tool Co., 376 W. 41st Pl., Los Angeles,  
 Cal. "Champion"  
 Kohler Mfg. Co., 115 Hornaday Rd., Pittsburgh, Pa.  
 Kraus (Charles E.) Mfg. Co., 2510 W. Kentucky,  
 Louisville, Ky. "American"  
 Niagara Mach. & Tool Wks., Buffalo, N. Y.  
 Packham Crimper Co., Mechanicsburg, O.  
 Peck, Stow & Wilcox Co., Southington, Conn.

**CROCHET FORKS**—See Forks, Crochet

**CROCKERY CEMENT**—See Cement, China, Crock-  
 ery, Glass, etc.

**CROCKS, Stoneware**—See Ware, Stone

**CROKINOLE GAMES**—See Games, Carrom

**CROOKS, Shepherd**

American Fork & Hoe Co., Keith Bldg., Cleveland,  
 O. "Montana"

Timberlake (J. B.) & Sons, Jackson, Mich. "Jaxon"

**CROQUET BALLS**—See Balls, Croquet

**CROQUET SETS**—See Games, Croquet

**CROSS-CUT SAW HANDLES**—See Handles, Saw,  
 Cross-Cut

**CROSS-CUT SAWS**—See Saws, Cross-Cut

**CROW BARS**—See Bars, Crow

**CROW CALLS**—See Calls, Crow

**CROW REPELLENTS**—See Repellents, Crow

**CROWNERS, Screw Head**

Rawlplug Co., Inc., 97 Lafayette, New York, N. Y.  
 "Crowners"

**CRUDE OIL ENGINES**—See Engines, Oil, Crude

**CRULLER CUTTERS**—See Cutters, Biscuit, Dough-  
 nut, etc.

**CRUMB BRUSHES**—See Brushes, Crumb

**CRUMB SCRAPPERS**—See Trays, Crumb

**CRUMB TRAYS**—See Trays, Crumb

**CRUMBERS, Bread**

Goodell Co., Antrim, N. H. "Lee" (Hand, Belt and  
 Motor Driven)

**CRUSHERS, ICE**—See Breakers, Ice

**CRUSHERS, Rock**

Stover Mfg. & Engine Co., Freeport, Ill.

**CRUTCH TIPS**—See Tips, Chair and Crutch

**CRYING DOLLS**—See Dolls, Talking

**CRYSTALS, Gazing**—See Globes and Crystals,  
 Gazing

**CUES, Billiard**

Brunswick-Balke-Collender Co., Inc., 623 S. Wabash  
 Av., Chicago, Ill.  
 Estes (E. B.) & Sons, Inc., 25 Vanderbilt Av.,  
 New York, N. Y.  
 Shardless Mfg. Co., 72 Murray, New York, N. Y.

**CUFFS, Hand**—See Handcuffs, Twisters, Leg Irons,  
 Etc.

**CULINARY FORKS**—See Forks, Culinary

**CULTIVATOR BOLTS**—See Bolts, Cultivator

**CULTIVATOR HOES**—See Hoes, Cultivator

**CULTIVATORS, Garden**

Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila.  
 Pa. "Iron King," "Planet, Jr."  
 American Fork & Hoe Co., 1623 Euclid Av., Cleve-  
 land, O. "American Gardener," "Invincible,"  
 "Speedy," "Standard," "True Temper"  
 Atlantic Mach. & Mfg. Co., Cleveland, O. "Merr-  
 Garden"  
 Avery (B. F.) & Sons, Co., 1721 S. 7th, Louisville,  
 Ky.  
 Barker Mfg. Co., David City, Neb.  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles,  
 Cal. "Boyco"

Brown-Manly Plow Co., Malta, O. "Fair," "Rival"  
 Brown Mfg. Co., Zanesville, O. "Dixie," "Perfec-  
 tion"  
 C-K-R, Div. American Fork & Hoe Co., 1623 Euclid  
 Av., Cleveland, O. "Little Giant"  
 Crescent Forge & Shovel Co., Havana, Ill.  
 Doneal Products Co., 5992 Nottingham Av., De-  
 troit, Mich. "4-in-One"  
 E. Z. Lawn Edger Co., Los Angeles, Cal.  
 Ellis Keystone Agricultural Wks., Pottstown, Pa.  
 "Iron Age"  
 Empire Plow Co., 3140 E. 65th, Cleveland, O. "Em-  
 pire"

Farm Tools, Inc., Mansfield, O.  
 Gardener's Friend Co., Div. of Cooke-Roberts Corp.,  
 Orange, Mass. "Wonder Weeder"  
 Gardex, Inc., Michigan City, Ind. "Gardex"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Granite State Mowing Machine Co., Hinsdale, N.  
 H. "Granite State," "Duo-Disc"  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Harriman Mfg. Co., Harriman, Tenn. "Fowler"  
 Herschel (R.) Mfg. Co., Peoria, Ill.  
 Hudson (H. D.) Mfg. Co., Chicago, Ill. "Blockt-  
 Right Way"

Kelly (G. A.) Plow Co., Longview, Tex.  
 King Plow Co., Atlanta, Ga.  
 Kingbury Mfg. Co., Keene, N. H.  
 Midland Co., South Milwaukee, Wis.  
 Moore Plow & Implement Co., Greenville, Mich.  
 "Junior," "Liberator," "Moore-Easy," "Senior"  
 Norcross (C. S.) & Sons, Bushnell, Ill. "Norcross,"  
 "Bushnell" (Hand)  
 Ohio Cultivator Co., Bellevue, O. "Climax," "Pa-  
 mous Ohio," "Skaboo"

Rowe Mfg. Co., Galesburg, Ill. "RO-HO" (Comb-  
 nation)  
 Sheboygan Mach. Co., Sheboygan, Wis. "Blockt"  
 Southern Plow Co., Columbus, Ga.  
 Spring Tooth Hoe Co., Inc., 815 9th, North, Greas-  
 Falls, Mont. "Pyatt"  
 Thieman Harvester Co., Inc., Albert City, Ia.  
 Union Fork & Hoe Co., Columbus, O. "Bebe,"  
 "Speedy," "Victory"  
 Whitaker Mfg. Co., Chicago, Ill. "Excelsior"  
 Wonder Mfg. Co., 825 W. Huron, Chicago, Ill.  
 "Wonder 10-in-One"

**CUP HOOKS**—See Hooks, Cup

**CUPBOARD CATCHES**—See Catches, Cupboard,  
 Door, Screen Door, etc.

**CUPBOARD TURNS**—See Catches, Cupboard, Door,  
 Screen Door, etc.

**CUPOLAS, Barn**—See Ventilators and Cupolas,  
 Barn

**CUPS, Baking, Paper**

American Lace Paper Co., Milwaukee, Wis.  
 American Tissue Mills, Holyoke, Mass.  
 Harvey Paper Products Co., Sturgis, Mich.  
 Milwaukee Lace Paper Co., Milwaukee, Wis.  
 Sherman Paper Products Corp., 154 Oak, Newton  
 Center, Mass.

**CUPS, Bird Seed**

Anchor Hocking Glass Corp., 100 Fisher, Lan-  
 caster, O.  
 Owens-Illinois Glass Co., Toledo, O.  
 Technical Glass Co., Inc., 2050 E. 48th, Los An-  
 geles, Cal. "Tegco"  
 United States Glass Co., Pittsburgh, Pa.

**CUPS, Caster**

Acme Metal Goods Mfg. Co., 2 Orange, Newark  
 N. J.  
 Anchor Hocking Glass Corp., 100 Fisher, Lan-  
 caster, O.  
 Bassick Co., Bridgeport, Conn. "No-Mar"  
 Belloch (I.) & Sons, Inc., 155 Wooster, New York,  
 N. Y. (Metal Cushion)  
 Canton Glass Co., Marion, Ind.  
 Cooke-Roberts Corp., Orange, Mass.  
 Domes of Silence, Inc., 35 Pearl, New York, N. Y.  
 Elastic Tip Co., 370 Atlantic Av., Boston, Mass.  
 Faultless Caster Corp., Evansville, Ind.  
 Goldman, Harry, 230 W. 58th, New York, N. Y.  
 Hazel-Atlas Glass Co., Wheeling, W. Va. "Flint"  
 Judd (N. L.) Co., Inc., Wallingford, Conn.  
 Krischer Trading Corp., 210 Taaffe Pl., B'klyn.  
 N. Y. "Knight Brand"  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Liberty Products Co., West Toledo Station, Toledo,  
 O.  
 Metamora Rubber Works, Metamora, O.  
 Miller (Robert E.) Inc., 35 Pearl, New York, N. Y.  
 (Bakelite)  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 (Porcelain)  
 Onward Mfg. Co., Menasha, Wis.  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 Super Metal Mfg. Co., Inc., 3923 Hudson Blvd.,  
 North Bergen, N. J. "Super"  
 Syracuse Ornamental Co., Syracuse, N. Y. "Syroco"  
 Technical Products Co., Pittsburgh, Pa. "Sanifeet"  
 Wagner Specialty Co., Burlington, Wis. "Kleen  
 Rest"

**CUPS, Dice**

Baltimore Leather Goods Co., Baltimore, Md.  
 Brauer Bros., Inc., St. Louis, Mo.  
 Cooke-Roberts Corp., Orange, Mass.  
 Hohwieler Rubber Co., Morrisville, Pa.  
 Rome Sporting Goods Mfg. Co., Rome, N. Y.  
 Wveth Hdw. & Mfg. Co., St. Joseph, Mo.

**SAUNDERS NORVELL says—**

**"OIL  
Is More Valuable than  
GOLD"**

( See the June 27th issue of Hardware Age )

And OIL IS GOLD when Hardware and Implement Dealers selling Apex oil products actually gross 202%, 292%, 449%, 598% and 620% on turnover of stock each year.

How? Because Hardware and Implement Dealers selling Apex products get real volume. Because there is a big margin of profit with Apex and a rapid turnover of stock.

*The APEX OIL PRODUCTS COMPANY is the largest supplier of motor oils and greases to independent hardware and implement dealers in the United States.*

For ten years, Apex has re-pioneered the profitable oil business for the Independent Hardware and Implement Dealer who pioneered this business 30 years ago. Ten years ago, regular customers of the Hardware and Implement Dealer started to buy motor oil from chain stores, automobile

supply stores, etc. Today, Independent dealers the country over are selling great volumes of Protex and Film-X Motor Oil at a good profit.

Who of your customers form this market for oil? First, the Farm market which uses more motor oil than any other class in their automobiles, trucks, tractors and farm machinery. Next in the United States are 15,629,000 people earning from \$12.00 to \$40.00 per week. Of the motor car owners in this group, it is estimated that 75% change their own oil. These people do not buy their oil from the service station. They prefer to save money by changing their own oil. This immense market already exists and is constantly increasing. It is simply a question of whether they buy oil from you, the Hardware and Implement Dealer, or from the chain store or automobile supply store.

Are you selling these people a better oil for less money and greater profits to you? Are you capitalizing on Apex modern packages and display, modern selling helps and proven selling plans? If not, see your Wholesale Hardware Jobber's salesman or write Apex Oil Products Company, Minneapolis, Minn., today.

## RE-PIONEER WITH APEX AND PROFIT WITH OIL



PROTEX MOTOR OIL exclusively distributed by the TRU-TEST GROUP of Wholesale Hardware Jobbers in the 48 states and by leading Hardware Jobbers in the Northwest.



Display Racks for Film-X and Protex 1-quart, 5-quart and 2 gallon cans.



FILM-X MOTOR OIL distributed by leading Wholesale Hardware Jobbers in over 20 states. Write us for details on available territory.

# APEX OIL PRODUCTS CO.

Two Modern Plants -

MINNEAPOLIS, MINNESOTA (General Office)

EL DORADO, ARKANSAS

**CUPS, Drinking**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 "Cream City"  
 National Enameling & Stamping Co., 270 N. 12th.  
 Milwaukee, Wis. "Nesco"  
 National Sheet Metal Co., Peru, Ill.  
 Stratton & Terstege Co., Inc., Mfg. Div., Louisville.  
 Ky. "Falls City" (Tin)  
 U. S. Stamping Co., Moundsville, W. Va.  
 Washburn Company, Worcester, Mass.

**CUPS, Drinking, Paper**

American Lace Paper Co., Milwaukee, Wis.  
 Brown Drinking Cup Co., Dedham, Mass. "Bescup"  
 Brown Bag Filling Mach. Co., Fitchburg, Mass.  
 Dennison Mfg. Co., Framingham, Mass.  
 Individual Drinking Cup Co., Easton, Pa. "Dixies"  
 Lily-Tulip Cup Corp., 122 E. 42nd, New York, N. Y.  
 Milwaukee Lace Paper Co., Milwaukee, Wis.  
 Spangler (E. J.) Co., Phila., Pa.  
 Tarter Mfg. Co., Chicago, Ill.  
 Wayne Paper Goods Co., Ft. Wayne, Ind.

**CUPS, Force**

Aetna Rubber Co., Ashtabula, O.  
 Air Force Plunger Co. (Not Inc.), 613 North Wells,  
 Chicago, Ill. "Super-Force"  
 American Pipe Tool Co., Harrison & Kolmar Av.,  
 Chicago, Ill.  
 Ardmore Mfg. Co., 5082 Lincoln Av., Chicago, Ill.  
 Autopump Mfg. Co., Inc., Rochester, N. Y. "Handy  
 Plumber"  
 Canfield (H. O.) Co., Bridgeport, Conn.  
 Canfield Rubber Co., Bridgeport, Conn. "Junior"  
 Chicago Specialty Mfg. Co., Chicago, Ill.  
 Coleman (Allan J.), Chicago, Ill.  
 Durt Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 "Dumaco"  
 Elkhart Rubber Wks., Elkhart, Ind.  
 Fernald Mfg. Co., North East, Pa. "Big Giant,"  
 "Little Giant"  
 Franklin Rubber Corp., 434 E. Allegheny Av.,  
 Phila., Pa.  
 Fritz Mfg. Co., 3518 N. Clark, Chicago, Ill.  
 Goodrich (B. F.) Co., Akron, O. "Diamond"  
 International Plumbing Mfg. Co., Inc., 45 Murray,  
 New York, N. Y. "NB"  
 Jenkins Bros., 80 White, New York, N. Y.  
 Jiffy Electric Co., Inc., Hazel Park Station, Royal  
 Oak, Mich. "Draininator" (Attached to Faucets)  
 Keystone Brass & Rubber Co., Broad & Lehigh Av.,  
 Phila., Pa.  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill.  
 "Arrow," "Lucky Strike"  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Metamora Rubber Works, Metamora, O.  
 Pennsylvania Rubber Co. of America, Inc., Jeannette,  
 Pa.  
 Phoenix Manufacturing Company, Joliet, Ill.  
 "Phoenix"  
 Quaker City Rubber Co., Phila., Pa. "All-in-One"  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 See Products, Inc., 2002 Rand Bldg., Buffalo, N. Y.  
 "Whirlpool Water Pressure" (Attached to Fau-  
 cets)  
 Sasser (J. A.) Mfg. Co., 2503 3rd Av., New York,  
 N. Y. "Bull Dog"  
 Tillinghast (B. C.) Rubber Co., Inc., 236 Market,  
 Phila., Pa.  
 United States Rubber Co., 1230 6th Av., New York,  
 N. Y. "U. S. Relio"

**CUPS, Grease and Oil**

Advance Packing & Supply Co., Chicago, Ill. (Glass)  
 Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 "Pease," "Yankee"  
 American Brass Novelty Co., Grand Haven, Mich.  
 American Injector Co., Detroit, Mich. "Star," "Sure-  
 feed"  
 American Stamping Co., Battle Creek, Mich. "Uni-  
 versal"  
 Ansonia Mfg. Co., Ansonia, Conn.  
 Bay State Stamping Co., Worcester, Mass.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Cook's (Adam) Sons, Inc., Elizabeth Av., Linden, N. J.  
 "Albany"  
 Detroit Lubricator Co., Detroit, Mich.  
 Edelmann (E.) & Co., Chicago, Ill.  
 Essex Brass Co., Detroit, Mich.  
 Gita Bros. Mfg. Co., 1846 So. Kilbourn Av., Chi-  
 cago, Ill.  
 Hunter Pressed Steel Co., 400 Pierce, Lansdale, Pa.  
 "Airspring," "Gravity," "Rotary," "Shurflo,"  
 "Chinlow"  
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago,  
 Ill.  
 Lathrop Mfg. Co., 2061 Southport Av., Chicago, Ill.  
 "Lathrop"  
 Link-Belt Co., 2410 W. 18th, Chicago, Ill. "Hex-  
 top"  
 Linenheimer Co., Cincinnati, O. "Atlas," "Cardi-  
 nal," "Gem," "Ideal," "Jewel," "Lion," "Majes-  
 tic," "Mite," "Owl," "Pioneer," "Primo," "Reli-  
 ance," "Royal," "Securo," "Sentinel," "Surety,"  
 "Tiger," "Wingo"  
 Madison-Kipp Corp., Madison, Wis.  
 Milwaukee Valve Co., Milwaukee, Wis.  
 National Brass Mfg. Co., Rochester, N. Y.  
 Vernon Mfg. Co., Plainville, Conn. "Newcup"  
 Featherby Injector Co., Detroit, Mich. "Samson."  
 "Saturn," "Senator," "Siren"  
 Powell (Wm.) Co., Cincinnati, O.  
 Ray Mfg. Co., Boston, Mass. "No-Ta," "Phillips"  
 Sherman (H. R.) Mfg. Co., Battle Creek, Mich.  
 Sosa Fuse Mfg. Co., 2948 N. 5th, Milwaukee, Wis.  
 "Trio"

Tucker (W. W. & C. F.), Inc., Hartford, Conn.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Williams (D. T.) Valve Co., Cincinnati, O. "Daisy,"  
 "Dakota," "Dandy," "Derby," "Diana," "Dixie,"  
 "Dragon," "Duchess," "Duke," "Dwarf"

**CUPS, Measuring**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Anchor Hocking Glass Corp., 100 Fisher, Lan-  
 caster, O.  
 Canton Glass Co., Marion, Ind. "Kanton"  
 Carpenter (E. W.) Mfg. Co., 1565 Railroad Av.,  
 Bridgeport, Conn.  
 Corning Glass Wks., Corning, N. Y. "Pyrex"  
 Hazel Atlas Glass Co., Wheeling, W. Va.  
 Imperial Glass Co., Bellaire, O.  
 Katzing (Edward) Co., 1949 N. Cicero Av., Chi-  
 cago, Ill. "Mary Ann"  
 Landers, Frary & Clark, New Britain, Conn.  
 National Enameling & Stamping Co., 270 N. 12th.  
 Milwaukee, Wis. "Nesco"  
 Sneath Glass Co., Hartford City, Ind.  
 United States Glass Co., Pittsburgh, Pa.  
 Washburn Company, Worcester, Mass.  
**CUPS, Paper—See Cups, Drinking, Paper**  
**CUPS, PLUMBERS' FORCE—See Cups, Force**

**CURBINGS, Landscape**

Gogel (Walter A.) Co., 238 S. Erie, Toledo, O.  
 Porcupine Co., Fairfield, Conn.

**CURLING IRON HEATERS—See Heaters, Curling****CURLING IRONS—See Irons, Curling****CURRY COMBS—See Combs, Curry****CURTAIN AND DRAPERY HARDWARE—See Hard-  
ware, Curtain and Drapery****CURTAIN FASTENERS—See Fasteners, Curtain****CURTAIN PINNERS—See Pinner, Curtain****CURTAIN POLE BRACKETS—See Brackets, Pole,  
Curtain****CURTAIN POLE ENDS—See Ends, Curtain Pole****CURTAIN POLE RINGS—See Rings, Pole, Curtain****CURTAIN POLE AND ROD SOCKETS—See Sockets,  
Pole and Rod, Curtain****CURTAIN RINGS—See Rings, Pole, Curtain &  
Drapery****CURTAIN ROD HOOKS—See Hooks, Curtain Rod****CURTAIN RODS—See Rods, Curtain****CURTAINS, SHOWER**

Ajed Textiles, 1123 B'way, New York, N. Y.  
 Blossom Mfg. Co., 79 Madison Av., New York,  
 N. Y.  
 Carb Mfg. Co., 308 Johnson, B'klyn, N. Y. "Carb-  
 Craft"  
 Chemotex Oil Silk Mills, Schenectady, N. Y.  
 "Chemotex"  
 Dupont (E. I.) de Nemours & Co., Inc., Newburgh,  
 N. Y.  
 Durt Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 "Dumaco"  
 International Plumbing Mfg. Co., Inc., 45 Murray,  
 New York, N. Y. "Aqua-Film"  
 Kleimert (I. B.) Rubber Co., 485 5th Av., New  
 York, N. Y.  
 Para Rubber Co., 341 Halsey, Newark, N. J.  
 Richards, Boggs & King, Inc., 367 W. Adams, Chi-  
 cago, Ill. "Sheer-O-Sheen"  
 Sani Aqua Shower Curtains, Inc., 15 W. 27th, New  
 York, N. Y.  
 Sanitary-Dash Corp., 11th & 44 Road, Long Island  
 City, N. Y.  
 Textile Bag Corp., 149 Wooster, New York, N. Y.  
 "O'Kay"  
 Western Hdwe. & Specialty Mfg. Co., 228 S. First,  
 Milwaukee, Wis.  
**CURTAIN STRETCHER CLAMPS—See Clamps,  
Frame, Quilt**  
**CURTAIN STRETCHERS—See Stretchers, Curtain**

**CUSHIONS, Boat and Canoe**

Acme Products Co., Inc., New Haven, Conn.  
 American Pad & Textile Co., Greenfield, O. "Ta-  
 Pat-Co"  
 Campbell-Built Products, Waterville, Me.  
 Kapo Products Co., E. Cambridge, Mass.  
 K. & W. Rubber Co., Delaware, O.  
 New York Rubber Corp., Beacon, N. Y.  
 Whall (Dick) Camp Goods Co., Athol, Mass.

**CUSHIONS, Chair and Seat**

American Pad & Textile Co., Greenfield, O. "Ta-  
 Pat-Co"  
 Clifton Mfg. Co., Waco, Tex.  
 Kapo Products Co., E. Cambridge, Mass.  
 New York Rubber Corp., Beacon, N. Y.

**CUSHIONS, Life Preserver**

Acme Products Co., Inc., New Haven, Conn.  
 American Pad & Textile Co., Greenfield, O. "Ta-  
 Pat-Co"  
 Campbell-Built Products, Waterville, Me.  
 Kapo Products Co., E. Cambridge, Mass.  
 K. & W. Rubber Co., Delaware, O.  
 New York Rubber Corp., Beacon, N. Y.  
 Whall (Dick) Camp Goods Co., Athol, Mass.

**CUSHIONS, Outing**

American Pad & Textile Co., Greenfield, O. "Ta-  
 Pat-Co"  
 Clifton Mfg. Co., Waco, Tex.  
 K. & W. Rubber Co., Delaware, O.

**CUSHIONS, Toboggan**

American Pad & Textile Co., Greenfield, O. "Ta-  
 Pat-Co"  
 Burton-Dixie Corp., 2024 S. Racine Av., Chicago  
 Ill. "Superease"  
 Campbell-Built Products, Waterville, Me.  
 Kapo Products Co., E. Cambridge, Mass.

**CUSPIDORS**

Aldrich Mfg. Co., Buffalo, N. Y.  
 Almo Trading & Importing Co., Inc., 8 W. 18th,  
 New York, N. Y. (Imported)  
 American Metal Ware Co., Chicago, Ill.  
 Anchor Hocking Glass Corp., 100 Fisher, Lan-  
 caster, O.  
 Arcade Mfg. Co., Freeport, Ill.  
 Bellaire Enamel Co., Bellaire, O. "Beco"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles,  
 Cal. "Boyco"  
 Buckeye Aluminum Co., Wooster, O. "Buckeye"  
 Cheney (S.) & Son, Manlius, N. Y.  
 Cleveland Wire Spring Co., Cleveland, O.  
 Columbia Enameling & Stamping Co., Terre Haute,  
 Ind.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Doylestown Aluminum Ware, Doylestown, O.  
 Excelsior Brass Wks., Reading, Pa.  
 Farber, S. W., 141 S. 5th, B'klyn, N. Y.  
 Faries Mfg. Co., Decatur, Ill. "Metal-Bilt"  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 Gould-Mersereau Co., Inc., 189 Lexington Av., New  
 York, N. Y.  
 Illinois Pure Aluminum Co., Lemont, Ill. "Amer-  
 ican Maid"  
 Lafayette Metal Spinning Co., Inc., 248 Lafayette,  
 New York, N. Y.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
 Marietta Hollow Ware & Enameling Co., Marietta, Pa.  
 National Enameling & Stamping Co., 270 N. 12th.  
 Milwaukee, Wis. "Nesco"  
 National Sheet Metal Co., Peru, Ill.  
 Pfaltzgraff Pottery Co., York, Pa.  
 Pittsburgh Pottery Co., Pittsburgh, Kan.  
 Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.  
 Rostand Mfg. Corp., Milford, Conn.  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schluter Mfg. Co., St. Louis, Mo. "De Luxe"  
 South Bend Foundry Co., South Bend, Ind.  
 Stratton & Terstege Co., Inc., Mfg. Div., Louisville,  
 Ky. "Falls City"  
 Thompson (C. C.) Pottery Co., East Liverpool, O.  
 U. S. Stamping Co., Moundsville, W. Va.  
 Vollrath Co., Sheboygan, Wis. "Perfection"  
 Western Metal Spinning Wks., Chicago, Ill.

**CUTLERY—See article desired****CUTLERY PAPER BOXES—See Boxes, Paper, Cut-  
lery, Etc.****CUT NAILS—See Nails, Cut****CUT-OFFS, Rain Water**

Allred Mfg. Co., Inc., Indianapolis, Ind. "Centennial"  
 Berger Mfg. Co., Div. Republic Steel Corp., Can-  
 ton, O. "Berloy"  
 Edwards Mfg. Co., Cincinnati, O.  
 Klauer Mfg. Co., Dubuque, Ia. "Perfection"  
 Leadclad Wire Co., Moundsville, W. Va.  
 Messenger & Parks Mfg. Co., Aurora, Ill.  
 Milcor Steel Co., Milwaukee, Wis. "Kuehn's Kor-  
 rect Kutoffs"  
 Ohio Corrugating Co., Warren, O.  
 Wheeling Corrugating Co., Wheeling, W. Va.  
 Young Mfg. Co., Bellevue, Ia.

**CUTS, Advertising—See Electrotypes, for Retail Ad  
vertising****CUT SOLES—See Soles and Heels****CUT SPIKES—See Spikes, Cut****CUTTERS, Bar—See Cutters, Rod, Wire and Bar****CUTTERS, Belt**

Flexible Steel Lacing Co., 4616 Lexington, Chicago  
 Ill. "Alligator"

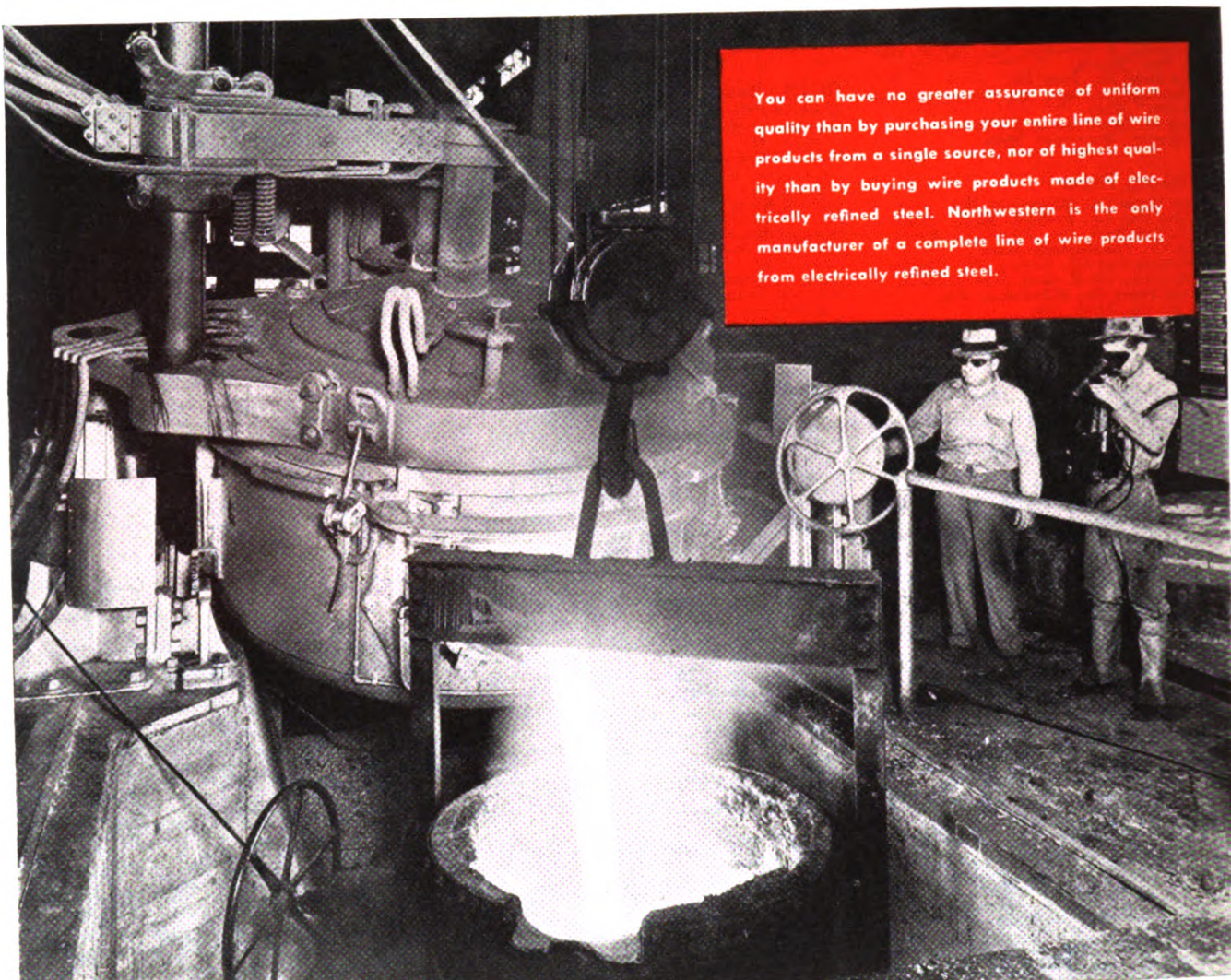
**CUTTERS, Biscuit, Doughnut, Etc.**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 American Cutter Co., Milwaukee, Wis. "Rollemout"  
 (Rotating)  
 Carpenter (E. W.) Mfg. Co., 1565 Railroad Av.,  
 Bridgeport, Conn.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 "Cream City"  
 Kreamer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
 National Enameling & Stamping Co., 270 N. 12th.  
 Milwaukee, Wis. "Nesco"  
 Reynolds Springs, Molded Plastics Div., Jackson,  
 Mich. "Bonnyware"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schluter Mfg. Co., St. Louis, Mo. "De Luxe"  
 Sommer (J. L.) Mfg. Co., 251 N. J. Railroad Av.,  
 Newark, N. J.  
 United Royalties Corp., 1183 B'way, New York, N. Y.  
 "Saturn"

**CUTTERS, BOLT—See Taps and Dies; also Screw  
Plates; also Clippers, Bolt****CUTTERS, Bone**

Fry, Ralph W., Easton, Pa. "Crown"  
 Mann (F. W.) Co., Milford, Mass.  
 Stratton Mfg. Co., Erie, Pa.





You can have no greater assurance of uniform quality than by purchasing your entire line of wire products from a single source, nor of highest quality than by buying wire products made of electrically refined steel. Northwestern is the only manufacturer of a complete line of wire products from electrically refined steel.

## STERLING QUALITY PRODUCTS

Woven Wire Fence; Poultry Netting; Hardware Cloth; Ornamental Fence and Gates; Farm and Poultry Gates; Steel Fence Posts; Nails; Staples; Smooth Wire; Clothes Lines; Bale Ties; Barb Wire; Fence Stretchers; Ingots, Billets, Rods; Manufacturers' Basic Bright, Annealed and Galvanized Wire.



### NORTHWESTERN STEEL & WIRE COMPANY

*Incorporated - Northwestern Barb Wire Company - 1879*

**STERLING, ILLINOIS**

Mention Hardware Age When Writing

Digitized by Google



### CUTTERS, Bread

Alden Products Co., Duncannon, Pa. "Slice-A-Slice"  
Anstice (Josiah) & Co., Rochester, N. Y. "Sterling"  
Farber & Shlevin, Inc., 875 Kent Av., Bklyn., N. Y. "Slicette"  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Handi-Products Co., 625 W. Jackson Blvd., Chicago, Ill. "Handi-Slicer"  
San Appliance Co., 518 W. 48th, New York, N. Y. "Sunaco"  
United Royalties Corp., 1183 B'way, New York, N. Y. "Ladd"

### CUTTERS, Cable, Armored

Tellor, Inc., Ridge Av., Elyria, O.  
Triangle Conduit & Cable Co., Dry Harbor Rd. & Cooper Av., Bklyn., N. Y.  
Utica Drop Forge & Tool Corp., Utica, N. Y. "Utica-Smith"  
Wiss (J.) & Sons, Co., 29 Littleton Av., Newark, N. J.

### CUTTERS, Cake

Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schneider (C. J.) Mfg. Co., Toledo, O.  
Washburn Company, Worcester, Mass.  
CUTTERS, Cast Iron Pipe—See Cutters, Pipe, Cast Iron

### CUTTERS, Chain

Porter (H. K.), Inc., Everett, Mass. "HKP"

### CUTTERS, Cheese

Corcoran Mfg. Co., Covington, Ky. "Tru-Cut"  
Goodell Co., Antrim, N. H. "Economy"  
Schneider (C. J.) Mfg. Co., Toledo, O.

### CUTTERS, Circle, Metal

Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
General Hardware Mfg. Co., 16 Warren, New York, N. Y. "Pawood"

CUTTERS, Cookie—See Cutters, Biscuit, Doughnut, Etc.

CUTTERS, Cord—See Cutters, Rope, Cord and Twine

### CUTTERS, Corn

New Standard Corp., Mount Joy, Pa. "Dandy"

CUTTERS and DIES, Grommet Inserting—See Dies and Cutters, Grommet Inserting

### CUTTERS, Feed

(See also Carriers, Feed)  
Appleton Mfg. Co., Batavia, Ill. "New Hero"  
Belle City Mfg. Co., Racine, Wis.  
Boeh Bros. Co., Elizabethtown, Pa.  
Cardwell Mach. Co., Richmond, Va. "Genuine Smith"  
Dick (Joseph) Mfg. Co., Canton, O. "Blizzard"  
Donaldson Bros., Mt. Clemens, Mich. "King"  
Duplex Mill & Mfg. Co., Springfield, O.  
Eagle Mach. Co., Lancaster, O. "K. D." "Master"  
Farquhar (A. B.) Co., Ltd., York, Pa. "Clipper"  
Gehl Bros. Mfg. Co., West Bend, Wis. "Silberzahn"  
Hamachek (Frank) Machine Co., Kewaunee, Wis. "Giant"  
Heber & Sons, Lansdale, Pa. "Union"  
Hocking Valley Mfg. Co., Lancaster, O. "Geneva"  
"Hocking Valley" "Kokosing"  
Lyon Iron Wks., Greene, N. Y. "Triumph"  
Moore Plow & Implement Co., Greenville, Mich.  
Montville Mfg. Co., Mountville, Pa. "Triumph"  
Papez Mach. Co., Shortsville, N. Y.  
Phoenix Hardware Mfg. Co., Buffalo, N. Y.  
Plymouth Foundry & Mach. Co., Plymouth, Wis. "Little Dandy"  
Resenthal Corn Husker Co. (West Allis), Milwaukee, Wis.  
Rose Cutter & Silo Co., Springfield, O.  
Ruggell (L. B.) Co., Waukegan, Wis.  
Salem Tool Co., Salem, O. "Silver" "Ohio" "Pony"  
Stoner-Maurer Co., Monroe, Mich. "Swiss"  
Stratton, Robinson & Co., Richmond, Ind. "Money Maker"  
United Engine Co., Lansing, Mich.  
White's (S. R.) Sons, Norfolk, Va. "Smith's Patent"

### CUTTERS, Flower

Bates (C. J.) & Son, Chester, Conn.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.  
Ulfman Co., Northampton, Mass. "De Luxe"  
"With-Less"

CUTTERS, Food—See Choppers, Meat and Food

### CUTTERS, Fuse

Essig-Bickford Co., Simsbury, Conn.

### CUTTERS, Gasket and Washer

Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
Johnson (William), Inc., 36 Brenner, Newark, N. J.  
Kaiser & Co., Inc., 585 18th Av., Newark, N. J.  
Mills Falls Co., Greenfield, Mass.  
Mund Tool Co., St. Louis, Mo. "Century"  
Peters (John) & Son, 210 Vine, Phila., Pa.

### CUTTERS, Glass

American Saw & Mfg. Co., Springfield, Mass. "Lenox"  
Barrett, Wm. L., Bristol, Conn. "Barrett" "Blue Ribbon" "Singer"  
Fletcher, Terry Co., Forestville, Conn. "Acme" "Black Handle" "Fletcher" "Gold Tip" "Green Handle" "Monce" "Quick-Tip" "Red Handle" "Rex" "Ruby" "Sixty"  
Mayhew Steel Products Corp., Shelburne Falls, Mass.  
Mills Falls Co., Greenfield, Mass.  
Smith (Landon P.), Inc., 180 Coit, Irvington, N. J. "Eclipse" "Imco" "Red Devil"

### CUTTERS, Glass, Gage

Barrett, Wm. L., Bristol, Conn.  
Fletcher, Terry Co., Forestville, Conn. "Fletcher"  
Mills Falls Co., Greenfield, Mass.  
Smith (Landon P.), Inc., 180 Coit, Irvington, N. J. "Red Devil"

CUTTERS, Hedge—See Trimmers, Hedge, Electric; also Trimmers, Hedge

### CUTTERS, Ice Cube

Ice Cube Cutters, Inc., 75 West, New York, N. Y.  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
Reinhold Mfg. Co., 8631 Gratiot Av., Detroit, Mich.  
CUTTERS, Meat—See Cutters, Bone; also Choppers, Meat and Food

### CUTTERS, Milling

Alvord-Polk Tool Co., Millersburg, Pa.  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Cowles Tool Co., Cleveland, O.  
Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
Illinois Tool Wks., Chicago, Ill.  
Ingersoll Milling & Mach. Co., Rockford, Ill.  
Keystone Reamer & Tool Co., Millersburg, Pa.  
Morse Twist Drill & Mach. Co., New Bedford, Mass.  
National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
New Britain Tool & Mfg. Co., Inc., New Britain, Conn.  
Pratt & Whitney Co., Hartford, Conn. "Curvex"  
Production Tool Co. of America, Inc., Detroit, Mich.  
Reed-Prentice Co., Worcester, Mass.  
Scully-Jones & Co., Chicago, Ill. "Wear-Ever"  
Standard Tool Co., Cleveland, O.  
Thurston Mfg. Co., Providence, R. I. "Thurco"  
Union Twist Drill Co., Athol, Mass.  
Whitman & Barnes, Inc., Detroit, Mich.  
Whitney Mfg. Co., Hartford, Conn.

### CUTTERS, Mitre

Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Markwell"  
Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Marsh"

### CUTTERS, Paper, Roll

Anstice (Josiah) & Co., Rochester, N. Y. "Chicago" "Sensible"  
Arcade Mfg. Co., Freeport, Ill.  
Bulman (E. O.) Mfg. Co., Inc., Grand Rapids, Mich.  
Kason Hdw. Corp., 127 Wallabout, B'klyn., N. Y. "Steddyroll"  
Nelson Vertical Paper Cutter Co., Norfolk, Va.  
Phoenix Hardware Mfg. Co., Buffalo, N. Y.  
Sawyer Belt Hook Co., Pawtucket, R. I.

### CUTTERS, Pipe, Hand

American Pipe Tool Co., Harrison & Kolmar Av., Chicago, Ill.  
Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
Barnes Tool Co., New Haven, Conn. "Barnes"  
Beaver Pipe Tool, Inc., 350 Harage Av., Warren, O. "Beaver"  
Bonney Forge & Tool Wks., Allentown, Pa.  
Collmer Bros., South Bend, Ind.  
Curtis & Curtis Co., Bridgeport, Conn.  
Erie Tool Wks., Erie, Pa.  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
Hollands Mfg. Co., Erie, Pa.  
International Nuttyp Tool Corp., Oswego, N. Y.  
Lucy Products Corp., 233 B'way, New York, N. Y.  
Reed Mfg. Co., Erie, Pa.  
Ridge Tool Co., Elyria, O. "Ridgid"  
Saunders (D.) Sons, Yonkers, N. Y.  
Sawyer Fdry. & Machine Works, 244 W. Seneca, Oswego, N. Y.  
Smith (A. P.) Mfg. Co., East Orange, N. J.  
Toledo Pipe Threading Mach. Co., Toledo, O. "Vosper"  
Trimont Mfg. Co., Inc., Roxbury (Boston), Mass. "Trimo"  
Vanderman Mfg. Co., Willimantic, Conn.  
Walworth Co., 60 E. 42nd, New York, N. Y.

### CUTTERS, Pipe, Stove

Kohler Mfg. Co., 115 Hornaday Rd., Pittsburgh, Pa.  
Kraus (Charles E.) Mfg. Co., 2510 W. Kentucky, Louisville, Ky. "American"  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

### CUTTERS, Pipe, Wheel

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"

Barnes Tool Co., New Haven, Conn.  
Erie Tool Wks., Erie, Pa.  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
Hollands Mfg. Co., Erie, Pa.  
International Nuttyp Tool Corp., Oswego, N. Y.  
Nye Tool & Machine Works, 4120 Fullerton Av., Chicago, Ill.  
Reed Mfg. Co., Erie, Pa.  
Sawyer Fdry. & Machine Works, 244 W. Seneca, Oswego, N. Y.  
Trimont Mfg. Co., Inc., Roxbury (Boston), Mass. "Trimo"

### CUTTERS, Plug

Connecticut Valley Mfg. Co., Centerbrook, Conn.  
Forest City Bit & Tool Co., Rockford, Ill.  
Greenlee Tool Co., Rockford, Ill.  
Pugh (Job T.), Inc., Phila., Pa.  
Star Bit & Tool Co., Rockford, Ill.  
Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Easco"  
Swan (James) & Co., Seymour, Conn.

### CUTTERS, Potato Ball

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
Landers, Frary & Clark, New Britain, Conn. "Universal"

### CUTTERS and PUNCHES, Knockout

Greenlee Tool Co., Rockford, Ill.

### CUTTERS, Rod, Wire and Bar

Armstrong-Blum Mfg. Co., Chicago, Ill.  
Carolus Mfg. Co., Sterling, Ill.  
Edwards Mfg. Co., Albert Lea, Minn.  
Helwig Mfg. Co., St. Paul, Minn.  
Porter (H. K.), Inc., Everett, Mass. "HKP"  
Ritch & Pidge Mfg. Co., Fultonville, N. Y. "Peerless"  
Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn. "Bernard"  
Tucker (W. W. & C. F.), Inc., Hartford, Conn. "Hercules"

### CUTTERS, Rope, Cord and Twine

Handy Twine Knife Co., Upper Sandusky, O. "Handy"  
Sawyer Belt Hook Co., Pawtucket, R. I.

### CUTTERS, Router

Stanley Electric Tool Div., New Britain, Conn.

### CUTTERS, Sheep Shearing

American Shearer Mfg. Co., Nashua, N. H. "Priest's Wide, Drilled" "Priest's Narrow, Plain" (Also Combs, Priest's Western, Standard)  
CUTTERS, Slaw—See Slicers, Fruit and Vegetable

### CUTTERS, Storage Battery

Porter (H. K.), Inc., Everett, Mass. "HKP"

### CUTTERS, Tile

Fletcher, Terry Co., Forestville, Conn. "Fletcher"  
Goldblatt Tool Co., 1622 Walnut, Kansas City, Mo. "Trowel Brand"  
Smith (Landon P.), Inc., 180 Coit, Irvington, N. J. "Red Devil"

### CUTTERS, Tobacco

Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa. "Enterprise"  
Griawold Mfg. Co., Erie, Pa.

### CUTTERS, Tubing

Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
Hinsdale Mfg. Co., 249 W. Wolcott, Chicago, Ill.  
Hollands Mfg. Co., Erie, Pa.  
Imperial Brass Mfg. Co., Chicago, Ill.  
Kenerson Stamping & Tool Mfg. Co., 13 Linwood, Saugus, Mass.  
Nye Tool & Machine Works, 4120 Fullerton Av., Chicago, Ill.  
Parker Appliance Co., Cleveland, O.  
Ridge Tool Co., Elyria, O. "Ridgid"  
Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn. "Bernard"  
Trimont Mfg. Co., Inc., Roxbury (Boston), Mass. "Trimo"

CUTTERS, Twine—See Cutters, Rope, Cord and Twine

CUTTERS, Vegetable—See Cutters, Bone; also Choppers, Meat and Food; also Slicers, Fruit and Vegetable

CUTTERS, Washer—See Cutters, Gasket and Washer

### CUTTERS, Weed

(See also Weeders, Garden and Lawn)  
Absco Tool Co., 110 W. Lincoln Av., Peotone, Ill.  
American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Perfect" (Serrated Blade)  
Auto Sickle Co., 68 Pleasant, So. Natick, Mass. "Allcut"  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"

# MANSFIELD

famous for more than 28 years as  
*"The Hardware Merchant's Brand"*  
 of quality auto and truck tires...

**PRESENTS**

## A complete line of *Bicycle Tires* AND TUBES



### MANSFIELD GIANT LYNX

A Super De Luxe Balloon tire in either all black or white sidewalls. Sizes: 26 x 2.125 and 24 x 2.125.

### MANSFIELD CHAMPION

An easy riding and attractive balloon. Available in both all black and non-cracking white walls. Sizes: 26 x 2.125 and 24 x 2.125.

### MANSFIELD BLACK BEAUTY

An all-black balloon, popularly priced. In size 26 x 2.125 only.

### MANSFIELD CHIEF

A De Luxe single tube tire. Permanently white sidewalls. In two sizes: 28 x 1 1/2 and 26 x 1 1/2.

### MANSFIELD CHALLENGER

A popularly priced white sidewall single tube tire. In size 28 x 1 1/2 only.

### MANSFIELD SUPERIOR TUBE

De Luxe red tube in size 26 x 2.125 and 24 x 2.125.

### MANSFIELD CHALLENGER TUBE

A good quality tube in size 26 x 2.125 only.

The same high quality of product, the same merchandising experience and the same profit-making program that have always identified the name "Mansfield" in the hardware trade—are now available to you in Mansfield Bicycle Tires.

The bicycle tire market is now the greatest in history. More than fifteen million bicycle tires and tubes will have to

be replaced soon. All you have to do to get your share of this big, profitable market is ask your jobber—or write us—about the Mansfield Bicycle Tire proposition. It's tailor-made for the hardware dealer... endorsed by leading jobbers... and backed by years of experience in helping YOU make more money!

**THE MANSFIELD TIRE & RUBBER COMPANY**  
**MANSFIELD, OHIO**

Mention Hardware Age When Writing

Digitized by Google



**CUTTERS, Weed (Continued)**

C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Doo-Kut"  
 Cooper Mfg. Co., Marshalltown, Ia.  
 Council Tool Co., Waukegan, N. C. "Council"  
 General Hdw. Corp., 3530 W. Pierce, Milwaukee, Wis.  
 Imperial Bit & Snap Co., Racine, Wis.  
 Kelly Axe & Tool Wks., of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Perfect"  
 North Wayne Tool Co., Oakland, Maine. "Little Giant"  
 Pick-A-Back, P. O. Box 222, Woodstock, N. Y. "Pick-A-Back"  
 Rixford Mfg. Co., East High Gate, Vt.  
 Seymour Mfg. Co., Inc., Seymour, Ind.  
 SpCut, Inc., 124 Maiden Lane, New York, N. Y. "Doo-Cut"  
 Skidoo Co., Urbana, O.  
 Strong Made Cutter Co., 904 E. Buffalo Av., Tampa, Fla.  
 Stump (T. J.) & Son, Ashland City, Tenn. "Lively Lad"  
 Sythax Mfg. Co., 895 S. Third, Memphis, Tenn.  
 Union Fork & Hoe Co., Columbus, O. "Handy Andy," "Speedy," "Union"  
 Wadsworth (David) & Son, Box 610, Auburn, N. Y.

**CUTTERS, Wire, Electric**

Helwig Mfg. Co., St. Paul, Minn. "Helwig"  
 Porter (H. K.), Inc., Everett, Mass. "Boston"

**CUTTING METAL MACHINES—See Machines, Cutting, Metal****CUTTING NIPPERS—See Nippers, Cutting****CUTTING OIL—See Oils, Cutting****CUTTING TORCHES—See Torches, Brazing and Cutting****CUTTING-OFF TOOLS—See Tools, Cutting-Off****CYCOMETERS—See Speedometers****CYLINDER LOCK—See Locks, Cylinder****CYLINDER TYPE VACUUM CLEANERS—See Cleaners, Vacuum, Cylinder Type, Electric****CYLINDERS, Lock**

Barrows Lock Wks., of Yale & Towne Mfg. Co., N. Chicago, Ill.  
 Chantrell Hardware & Tool Co., Fitchburg, Mass.  
 Chicago Lock Co., 2024 N. Racine Av., Chicago, Ill.  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Dudley Lock Corp., 325 N. Wells, Chicago, Ill. "4-inch"  
 Eagle Lock Co., Terryville, Conn.  
 Earle Hardware Mfg. Co., Reading, Pa.  
 Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
 Independent Lock Co., Fitchburg, Mass. "Ilco"  
 Keil (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Penn. Hardware Co., Reading, Pa.  
 Reading Hardware Corp., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sager Lock Wks., of Yale & Towne Mfg. Co., No. Chicago, Ill.  
 Sarzent & Co., New Haven, Conn.  
 Senzize Lock Co., San Francisco, Cal.  
 Sxal Lock & Hdw. Co., Inc., 395 B'way, New York, N. Y.  
 Sullivan Hardware Mfg. Co., Trenton, N. J.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**CYLINDERS, Well and Cistern**

Aermotor Co., Chicago, Ill.  
 American Well Works, Aurora, Ill.  
 Challenge Co., Batavia, Ill.  
 Cook (A. D.), Inc., Lawrenceburg, Ind.  
 Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
 Dempster Mill Mfg. Co., Beatrice, Nebr.  
 Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind. "Paul"  
 Goulds Pumps, Inc., Seneca Falls, N. Y.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Faultless," "Glass Seal," "Improved," "Perfect," "Seamless" (Brass, brass lined and polished, single and double acting)  
 Red Cross Mfg. Co., Bluffton, Ind.  
 Red Jacket Mfg. Co., Davenport, Ia. (Iron, Brass lined & Brass Bodied)  
 Roper (Geo. O.) Corp., Rockford, Ill. "Roper"  
 Ramsey Pump Corp., Seneca Falls, N. Y.  
 Wadsworth Co., 60 E. 42nd, New York, N. Y.  
 Youngstown Steel Products Co., Youngstown, O. "Mark"

**DADO HEADS**

Adkins (E. C.) & Co., Indianapolis, Ind.  
 Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
 Euston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.

**"D" HANDLES—See Handles, "D," Steel & Wood****DAIRY PAILS—See Pails, Dairy****DAIRY SUPPLIES—See Supplies, Dairy****DAIRY THERMOMETERS—See Thermometers, Dairy****DAMPER CLIPS—See Clips, Damper****DAMPER INSTALLATORS—See Installers, Damper****DAMPERS, Dome—See Dampers, Fireplace****DAMPERS, Fireplace**

Adams Co., Dubuque, Ia.  
 Bennett Fireplace Corp., Norwich, N. Y. "Bennett Expanslip"  
 Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. "Royal"  
 Clark (H. W.) Co., Mattoon, Ill.  
 Colonial Fireplace Co., Chicago, Ill. "Colonial"  
 Covert (H. W.) Co., 229 E. 37th, New York, N. Y.  
 Donley Bros. Co., Cleveland, O.  
 Gabriel Steel Co., Detroit, Mich.  
 Homer Furnace Co., Coldwater, Mich.  
 Howes (S. M.) Co., Boston, Mass.  
 Indiana Foundry Co., Indiana, Pa.  
 Kewanee Mfg. Co., Kewanee, Ill.  
 Majestic Co., Huntington, Ind.  
 Ohio Fry & Mfg. Co., Steubenville, O.  
 Peerless Mfg. Corp., Louisville, Ky.  
 Porcupine Co., Fairfield, Conn.  
 Portland Stove Fdry. Co., Portland, Me. "Atlantic," "Palmouth"  
 Stover Mfg. & Engine Co., Freeport, Ill. "Improved"  
 Swett (A. L.) Iron Wks., 149 Glenwood Av., Medina, N. Y.  
 U. S. Hardware & Mfg. Co., Pawtucket, R. I.

**DAMPERS, Furnace**

Adams Co., Dubuque, Ia.  
 Fatsco, 251 N. Fair Av., Benton Harbor, Mich.  
 Favorite Foundry Co., Inc., 14 Wooster, New York, N. Y.  
 Griswold Mfg. Co., Erie, Pa. "New American"  
 Mueller (L. J.) Furnace Co., Milwaukee, Wis.  
 Ohio Foundry & Mfg. Co., Steubenville, O.  
 Stover Mfg. & Engine Co., Freeport, Ill. "Red Spindle," "Steel Blade"  
 Weaver Mfg. Co., Rheims, Pa. "Weaver"

**DAMPERS, Stove Pipe**

Adams Co., Dubuque, Ia. "Diamond"  
 Arcade Mfg. Co., Freeport, Ill. "Blue Streak"  
 Fatsco, 251 N. Fair Av., Benton Harbor, Mich.  
 Favorite Foundry Co., Inc., 14 Wooster, New York, N. Y.  
 Griswold Mfg. Co., Erie, Pa. "New American" (Reversible)  
 Stover Mfg. & Engine Co., Freeport, Ill. "Red Spindle"  
 U. S. Lock & Hdw. Co., Columbia, Pa.  
 Weaver Mfg. Co., Rheims, Pa. "Weaver"  
 Williams (A. C.) Co., Ravenna, O.  
 Wrightsville Hdw. Co., Wrightsville, Pa. "Monarch"

**DAMPPOOFING**

Barrett Co., 40 Rector, New York, N. Y. "Hydronon"  
 Bestoseal Co., 1450 B'way, New York, N. Y. "Bestoseal"  
 Cabot (Samuel), Inc., 141 Milk, Boston, Mass.  
 Carey (Phillip) Co. (Lockland), Cincinnati, O. "Percoproof"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Weathercote"  
 Hetson-Sommers Co., Inc., 211 Norman Av., Bklyn., N. Y. "Permasseal"  
 Hydroseal Waterproofing Co., 829 N. 3rd, Phila., Pa.  
 Ironite Co., 111 W. Washington, Chicago, Ill. "Ironite"  
 Lumino Co., Inc., 515 Madison Av., New York, N. Y. "Lumino," "Super-Mix"  
 Master Builders Co., Cleveland, O. "Masterseal"  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Aqueaseal"  
 Minwax Co., Inc., 11 W. 42nd, New York, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Ranetite Mfg. Co., Inc., 1917 S. B'way, St. Louis, Mo. "Ranetite"  
 Sherwin-Williams Co., Cleveland, O.  
 Tremco Mfg. Co., 393 E. 131st, Cleveland, O. "Tremco"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Concrewatum"  
 Waterlox of Ohio, Inc., 2636 E. 76th, Cleveland, O. "Waterlox"

**DANDELION KNIVES—See Knives, Asparagus and Dandelion****DANDELION PULLERS—See Pullers, Dandelion****DANDELION RAKES—See Rakes, Dandelion****DARBIES, Plasterers'**

Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
 Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
 Marshalltown Trowel Co., Marshalltown, Ia.  
 Masons' Tool Mfg. Co., Rochester, N. Y.  
 Mayes Bros. Tool Mfg. Co., Port Austin, Mich.

**DART BOARDS and DARTS**

Apex Mfg. Co., Norristown, Pa.  
 Burt-Griffith Mfg. Co., Denver, Colo.  
 Dart Board Equipment Co., 306 Cherry, Phila., Pa.  
 Noble Sport Equipment, 175 Fifth Av., New York, N. Y.

**DASH LANTERNS—See Lanterns, Dash****DAUBERS, Shoe—See Brushes, Shoe****DAUBERS, Stencil—See Brushes, Stencil****DEADENING FELT—See Sheathing, Building, Felt****DECALCOMANIA**

Chicago Decalcomania Co., 3310 Elston Av., Chicago, Ill.  
 Commerford Decal Co., Westwood, N. J.  
 Meyerord Co., 5323 W. Lake, Chicago, Ill. "Decal"  
 National Decalcomania Corp., 250 N. 60th, Phila., Pa.  
 Palm Bros. Decalcomania Co., Regent & Lexington Aves., Cincinnati, O.  
 Palm, Fechteler & Co., 221 W. 41st, New York, N. Y.  
 Ratner (Harry) Decalcomania Co., 59-36 56th, Maspeth, L. I., N. Y.  
 Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O.  
 Stencil Specialty Co., Inc., 24 Eastern Parkway, Jersey City, N. J.

**DECK FILLERS—See Fillers, Seam, Deck and Hull****DECK SCRAPERS—See Scrapers, Deck****DECK SEAM COMPOSITION—See Composition, Deck Seam****DECORATED WOODEN WARE—See Ware, Wooden, Decorated****DECORATIONS, Christmas Tree—See Ornaments, Christmas Tree****DECORATIONS, Store**

Garrison-Wagner Co., 1627 Locust, St. Louis, Mo.  
 Pollack (H. Wm.) Poster Print, 861 Main, Buffalo, N. Y.

**DECORATIVE GARDEN BIRDS—See Birds, Garden, Decorative****DECORATIVE TAPE—See Tape, Decorative****DECORATORS' TAPE—See Tape, Decorators'****DECORATORS' TOOLS—See Tools, Painters' and Decorators'****DECOY ANCHORS—See Anchors, Decoy****DECOY FASTENERS—See Anchors, Decoy****DECOYS, Bird**

Animal Trap Co. of America, Lititz, Pa. "Victor"  
 Canvas Decoy Co., Union City, Tenn.  
 Duck-In Decoy Co., 4060 Forest Park Blvd., St. Louis, Mo. "Duck-In"  
 Johnson (Wm. R.) Co., Seattle, Wash.  
 Molded Carry-Lite Decoys, 2601 N. 30th, Milwaukee, Wis.  
 Reynolds (J. W.) Decoy Factory, Forest Park, Ill. "Veri-Good"  
 Scott, (Reese L.), Oakland, Cal.  
 Specialty Mfg. Co., St. Paul, Minn. "K. D."  
 Tuveson Mfg. Co., Inc., St. James, Minn.  
 Van Fleet Mfg. Co., Joliet, Ill.  
 Williams Corp., Deep River, Minn.  
**DECOYS, Duck—See Decoys, Bird**  
**DECOYS, Goose—See Decoys, Bird**  
**DEEP WELL PUMPS—See Pumps, Deep Well**  
**DEEP WELL WATER SUPPLY SYSTEMS—See Water Supply Systems, Deep and Shallow Wells**

**DEFLECTORS, Flue, Gas Range**

Aluminate Co., Inc., 125 Hillside Av., Jamaica, N. Y.  
 Flue Eliminator Co., 1441 Jackson Av., Toledo, O.  
 Hedges-Walsh-Weidner Co., Chattanooga, Tenn.  
 Perfection Mfg. Co., Inc., 111 Westminster, Providence, R. I. "Perfection"  
 Toledo Stamping & Mfg. Co., Toledo, O.  
 Venteflector Co., Inc., 434 N. Front, Baltimore, Md.  
 "Ace Diverter," "Vent Cap," "Venteflector"  
 Ward Mfg. Co., 107 E. Milwaukee Av., Detroit, Mich. "Airflow Catalyst," "Hydro"

**DEFROSTERS, Windshield, Fan**

Alliance Mfg. Co., Alliance, O. "Powr-Pakt"  
 Casco Products Corp., 1333 Railroad Av., Bridgeport, Conn.  
 Ero Mfg. Co., 714 W. Monroe, Chicago, Ill.  
 Kari-Keen Mfg. Co., Sioux City, Ia.  
 Knapp-Monarch Co., 3581 Bent Av., St. Louis, Mo. "K M"  
 Lydon-Briher Mfg. Co., St. Paul, Minn.  
 Master Electric Co., 100 Davis Av., Dayton, O.  
 Samson United Corp., Rochester, N. Y. "Safe-Flex"  
**DEFROSTING REFRIGERATOR CLOCKS—See Refrigerator Defrosting Clock**

**DEHORNERS**

Antiseptic Products Co., Denver, Colo. "Denver," "Little Gem," "Superior"  
 Leavitt Mfg. Co., Urbana, Ill. "Bull," "Newton & McGee"  
 Ohlen-Bishop Co., Columbus, O.  
 Pratt (W. E.) Mfg. Co., Joliet, Ill. "Pratt," "Premier," "Presto"  
 Rhodes Mfg. Co., Grand Rapids, Mich.  
 Scully, Jas., Pomeroy, Pa. "Convex Jr.," "Key-stone"

**DEHORNING PAINTS—See Paints, Dehorning****DEHORNING SAWS—See Saws, Dehorning****DENATURED ALCOHOL—See Alcohol, Denatured****DEODORANTS**

Clifton Chemical Co., Inc., 246 Front, New York, N. Y.  
 Clorox Chemical Co., 114 College, Los Angeles, Cal.  
 Dolge (C. B.) Co., Westport, Conn.,  
 Gibbs Mfg. Co., Canton, O. "A.V.A."

**DEODORANTS (Continued)**

Germo Mfg. Co., 112 S. Main, St. Louis, Mo.  
 Goulard & Olena, Inc., 140 Liberty, New York, N. Y.  
 Lavo Co. of America, 800 N. 7th, Milwaukee, Wis.  
 "Lavoclor"  
 Selig Co., Atlanta, Ga.  
 Sparhawk Co., Sparkill, N. Y. "CED-R-WOOD"  
 Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 U. S. Sanitary Specialties Corp., 487 S. Western Av., Chicago, Ill.  
 West Disinfecting Co., 16 Barn, Long Island City, N. Y.  
 White Tar Co. of N. J., Inc., Kearny, N. J.  
 Zoro Co., 844 W. Erie, Chicago, Ill.

**DEODORIZERS, Electric**

Automatic Electrical Devices Co., 324 E. Third, Cincinnati, O. "HomOzone"

**DEPTH GAGES**—See Gages, Depth

**DERRICK FITTINGS**—See Fittings, Derrick

**DERRICKS**

American Hoist & Derrick Co., Robert & Water, St. Paul, Minn.  
 Channon (J. H.) Corp., 1455 W. Hubbard, Chicago, Ill.  
 Clyde Iron Works, Inc., Duluth, Minn.  
 Dobbie Fdry. & Machine Co., Niagara Falls, N. Y.  
 "Dobbie"  
 Downs Crane & Hoist Co., 3989 S. Normandie Av., Los Angeles, Cal.  
 Lidgerwood Mfg. Co., Elizabeth, N. J.  
 Lane Mfg. Co., Montpelier, Vt.  
 Sasgen Derrick Co., 3103 Grand Av., Chicago, Ill.  
**DESK LOCKS**—See Locks, Chest, Drawer and Desk  
**DESK SETS**—See Sets, Desk

**DESKS, Children's**

American-Acme Co., Emigsville, Pa.  
 American Mfg. Concern, Falconer, N. Y.  
 Cass (N. D.) Co., Athol, Mass.  
 Eastman Mfg. Co., Union City, Pa.  
 Indiana Desk Co., Dubois, Ind.  
 Lehman Co. of America, Cannellton, Ind.  
 Paris Mfg. Co., South Paris, Me.  
 Richmond School Furniture Co., Muncie, Ind.  
 South Tamworth Industries, Inc., South Tamworth, N. H.  
 Tennessee Red Cedar & Novelty Co., Chattanooga, Tenn.

**DESTROYERS, Soot**

Anthraxite Boiler Compound Co., 711 Linden, Scranton, Pa.  
 Anti-Carbon Mfg. Co., Beaver Dam, Wis.  
 B-B Mfg. Co., Knoxville, Tenn. "Knox-Out"  
 Boyer Chemical Laboratory Co., Inc., Chicago, Ill.  
 "Zinc"  
 Cooper Sanitary Mfg. Co., Phila., Pa.  
 Desolve Mfg. Co., 31 Terminal Way, Pittsburgh, Pa.  
 Duz-It Products Co., Minneapolis, Minn. "Dus-It"  
 General Basic Kalsomine Co., Seattle, Wash.  
 Healy-Ruff Co., St. Paul, Minn. "E-Z" (Fuel Oil)  
 International Metal Polish Co., Indianapolis, Ind.  
 "Blue Ribbon"  
 Kilsoot Carbicide Co., Inc., 236 W. 56th, New York, N. Y.  
 Saginaw Salt Products Co., Saginaw, Mich. "Only Original"  
 So-Lo Works, Cincinnati, O. "So-Lo's Soot-Go"  
 SOS Products Co., 2 Sumner Av., Bklyn., N. Y.  
 Sunshine (John) Chemical Co., Inc., 604 W. Lake, Chicago, Ill. "Mitee"  
 Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 Vinco Co., Inc., 305 E. 45th, New York, N. Y.  
 "Vinco"

**DETACHABLE HEAD SOCKETS**—See Sockets, Detachable

**DETACHABLE KNIFE BLADES**—See Blades, Pattern Makers' and Shirt Cutters'

**DETACHABLE VISE JAWS**—See Jaws, Vise, Detachable

**DETONATING FUSE**—See Fuse, Detonating

**DEVICES, Lubricating**

American Chain & Cable Co., Inc., York, Pa. "Accomorrow"  
 Cincinnati Ball Crank Co., Oakley, Cincinnati, O.  
 "Balcrank"  
 Lincoln Engineering Co., 5701 Natural Bridge Av., St. Louis, Mo. "Lincoln"  
 "Lubriguns"  
 Stewart-Warner Corp., 1828 Diversey Parkway, Chicago, Ill. "Alemit"

**DEVICES, Marking, Tin Can**

Wisconsin Aluminum Fdry. Co., Inc., Manitowoc, Wis.

**DEVICES, Signal, Headlight, Automobile**

Smail's Sales Service, Inc., Warren, R. I. "Detectalite"

**DIAL TEST INDICATORS**—See Indicators, Dial Test

**DIALS, Sun**

Colonial Brass Co., Vine, Middleboro, Mass.  
 Cooper Oven Thermometer Co., Pequabuck, Conn.  
 Lannon Quarries Corp., Beaver Dam, Wis.  
 Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
 Majestic Co., Huntington, Ind.

Patch (A. H.), Inc., Clarksville, Tenn. "Colonial"  
 Testrite Instrument Co., 57 E. 11th, New York, N. Y.

Turner Brass Wks., Sycamore, Ill.

**DIAMOND DRESSERS**—See Dressers, Diamond

**DIAMOND NIBS**—See Tools and Nibs, Diamond

**DIAMOND TOOLS AND NIBS**—See Tools and Nibs, Diamond

**DIAMONDS, Glaziers**

Karelsen (E.), Inc., 56 W. 45th, New York, N. Y.

**DIAPHRAGM PUMPS**—See Pumps, Diaphragm

**DIBBLES**

Gogel (Walter A.) Co., 238 S. Erie, Toledo, O.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Stanley Rule & Level Plant, New Britain, Conn.  
 Village Blacksmith Folks, Watertown, Wis.

**DICE**

Elkold Co., Providence, R. I.  
 Horn (W. C.) Bro. & Co., 200 Fifth Av., New York, N. Y.

Parker Bros., Salem, Mass.

**DICE CUPS**—See Cups, Dice

**DIE HOLDERS**—See Holders, Tap and Die

**DIE STOCKS**—See Stocks, Die, Pipe

**DIES, PIPE THREADING**—See Stocks, Die, Pipe and Bolt

**DIES**—See Tape and Dies

**DIES and Cutters, Grommet Inserting**

Neptune Hdw. Mfg. Co., 70 Duane, New York, N. Y.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**DIESEL ENGINES**—See Engines, Diesel

**DIETETIC SCALES**—See Scales, Dietetic

**DIFFERENTIAL CHAIN BLOCKS**—See Blocks, Chain Differential

**DIFFUSERS, Insect**

Crown Specialties, Inc., 1107 Bway., New York, N. Y. "Skeeta-Skat"

**DIGGERS, Post Hole**

Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 Brown Mfg. Co., Zanesville, O. "Speedy"  
 C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Atlas," "Eureka," "Genuine Hercules," "Gibbs," "Hercules," "Invincible," "Lightning," "Perfection," "Universal"  
 Columbus Handle & Tool Div., American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Iwan Bros., South Bend, Ind. "Acme," "Atlas," "Champion," "Eureka," "Gibbs," "Hercules," "Hexagon," "Invincible," "Jewel," "Lightning," "Perfection"  
 Ohio Cultivator Co., Bellevue, O. "Buckeye," "Champion," "Cyclone"  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Seymour Mfg. Co., Inc., Seymour, Ind. "Atlas," "Buckeye," "Champion," "Eureka," "Gibbs," "Hercules," "Hexagon," "Lightning," "Lone Star," "Perfection," "Strickler"  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

**DIGGING BARS**—See Bars, Digging

**DILATORS, Teat, Cow**

Davis (C. H.) Co., Rome, N. Y. "Davis"  
 Moore Bros. Corp., Albany, 83 Green, Albany, N. Y. "Purpul"  
 Naylor (H. W.) Co., Morris, N. Y.  
**DINNER BELLS**—See Bells, Dinner  
**DINNER PAIRS**—See Pairs, Dinner  
**DINNER WARE, COLORED & CRYSTAL**—See Ware, Dinner, Colored & Crystal

**DIPPERS, Milk, Water, Etc.**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Aluminum Specialty Co., Manitowoc, Wis.  
 Atlantic Stamping Co., Rochester, N. Y.  
 Bellaire Enamel Co., Bellaire, O. "Beco"  
 Buckeye Aluminum Co., Wooster, O. "Buckeye"  
 Carrollton Metal Products Co., Carrollton, O.  
 "Carlton" (Stainless Steel)  
 Columbian Enameling & Stamping Co., Terre Haute, Ind.  
 Federal Enameling & Stamping Co., McKees Rocks, Pa. "Old Holland"  
 Kreamer (A.), Inc., 307 Kent Av., Bklyn., N. Y.  
 Lalance & Grosjean Corp., Woodhaven, L. I.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schluter Mfg. Co., St. Louis, Mo. "De Luxe"  
 Sexton Can Co., Everett, Mass.  
 Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Fall City" (Water)  
 United Royalties Corp., 1133 B'way, New York, N. Y. "Saturn"  
 U. S. Stamping Co., Moundsville, W. Va.  
 Wagner Mfg. Co., Sidney, O.

**DIPPERS, Water**—See Dippers, Milk, Water, Etc.

**DIRT SHOVELS**—See Shovels, Dirt

**DISAPPEARING LADDERS**—See Ladders, Disappearing

**DISAPPEARING STAIRS**—See Stairs, Disappearing

**DISC GRINDERS**—See Grinders, Disc

**DISC SHARPENERS**—See Sharpeners, Disc

**DISCOUNT BOOKS**—See Books, Discount

**DISCS, Abrasive, Coated**

(See also Wheels, Grinding)

Abrasive Products, Inc., Co., So. Braintree, Mass.  
 Armour Sandpaper Wks., Chicago, Ill.  
 Behr-Manning Corp., Troy, N. Y.  
 Carborundum Co., Niagara Falls, N. Y.  
 Clover Mfg. Co., Norwalk, Conn.  
 Mid-West Abrasive Co., 2189 Beaufait Av., Detroit, Mich. "Mid-West Wolverine"  
 Minnesota Mining & Mfg. Co., St. Paul, Minn.  
 Sandpaper, Inc., Waltham, Mass.

**DISCS, Milk Strainer**—See Strainers, Milk, Disc

**DISCS, Shuffleboard**

Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
 Shuffleboard Equipment Co., Nappanee, Ind.

**DISGORGERS, Fish Hook**

Enterprise Mfg. Co., Dept. HA, Akron, O.  
 Horrocks-Ibbotson Co., Utica, N. Y.  
 Leitzke, Rein, Beaver Dam, Wis. "Leitzke"

**DISH CLOTHS**—See Cloths, Dish

**DISH COVERS**—See Covers, Dish

**DISH DRAINERS**—See Drainers, Dish

**DISH DRYERS**—See Dryers, Dish

**DISH MOPS**—See Mops, Dish

**DISH PANS**—See Pans, Dish

**DISH RACKS**—See Racks, Dish

**DISH WASHING MACHINES**—See Washing Machines, Dish

**DISHERS, Ice Cream**

Benedict Mfg. Co., East Syracuse, N. Y. "Indestructo"  
 Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"

Giles & Nielsen Nickel Wks., Troy, N. Y.  
 Hamilton Beach Co., Racine, Wis.  
 New Gem Mfg. Co., 52 Badger Av., Newark, N. J.  
 Zeroll Co., 2410 Robinwood Av., Toledo, O. "Zeroll"

**DISHES, BAKING, GLASS**—See Ware, Oven, Glass

**DISHES, Chafing, Alcohol**

New York Stamping Co., 36 Gm, Bklyn., N. Y.  
 "Empress Ware"

**DISHES, Chafing, Electric**

American Electrical Heater Co., Detroit, Mich. "American Beauty"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

**DISHES, Dog**

Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.  
 "Doggy-Dyner"

**DISHES, Paper**

Bleyer (Alfred) & Co., 47-05 Metropolitan Av., Bklyn., N. Y.  
 Economy Box & Pie Plate Co., Marion, Ind.  
 Keyes Fibre Co., Inc., Waterville, Me. "Paprus"  
 "Savaday"  
 Kleen Products Co., North Wales, Pa.  
 Sutherland Paper Co., Kalamazoo, Mich.

**DISHES, Refrigerator**

Alter (Harry) Co., 1728 S. Michigan Av., Chicago, Ill.  
 Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Bellaire Enamel Co., Bellaire, O. "Bellaire Basket"  
 "Vis-A-Dish"  
 Corning Glass Wks., Corning, N. Y. "Pyrex"  
 Federal Enameling & Stamping Co., McKees Rocks, Pa.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 McKee Glass Co., Jeannette, Pa. "Glasbake"  
 Polar Ware Co., Sheboygan, Wis.  
 Rome Mfg. Co., Div. Revere Brass & Copper, Inc., Rome, N. Y.  
 Scurlough Kontanerette Corp., 1477 Merchandise Mart, Chicago, Ill. "Krisperette"  
 Sneath Glass Co., Hartford City, Ind.  
 United States Stamping Co., Moundsville, W. Va.  
 "Hydrator"  
 Universal Potteries, Inc., Cambridge, O. "Oxford"  
 Vollrath Co., Sheboygan, Wis. "Vitalizer"

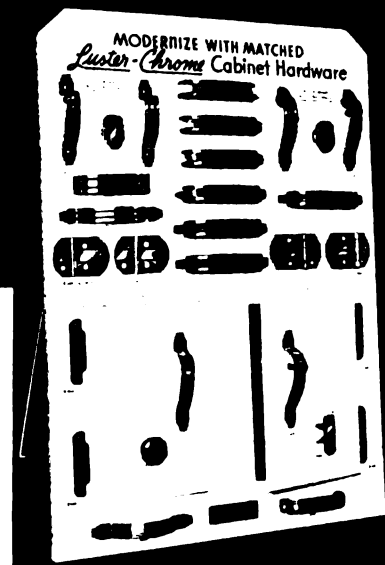
**DISHES, Soap**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 American Aluminum Ware Co., 374 Jelliff Av., Newark, N. J. "Peerless"  
 American Enamelled Products Co., Waukesha, Wis.  
 "Snow-white"  
 Art Brass Co., 151 E. 126th, New York, N. Y.  
 "San-O-La"

# Luster-Chrome

## CABINET HARDWARE

for beautiful kitchens and bathrooms



**FREE \$10.00 WORTH OF HARDWARE**

TO DEALERS ORDERING NEW

**Luster-Chrome DEMONSTRATOR**

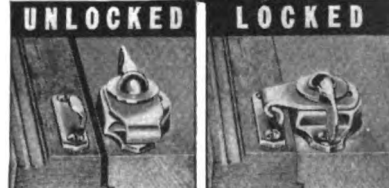
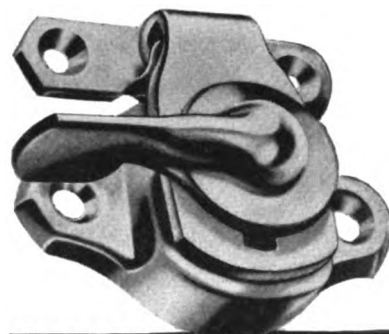
Free "DeLuxe" or "Standard" Hardware included with this beautiful "Luster-Chrome" Demonstrator returns to you more than the \$10.00 invested, so the Demonstrator is actually yours without cost.

- DEMONSTRATES ACTUAL APPLICATION of hardware on operating doors.
- SELLS COLOR by showing DeLuxe pulls in ebony black, red, green, delphinium blue, yellow and ivory.
- SELLS "MATCHED" ENSEMBLES—because hinges, pulls, knobs, and catches match perfectly in design.

**NEW "Wintite" SASH LOCK**

No. E7020—Steel

No. E7020—Brass

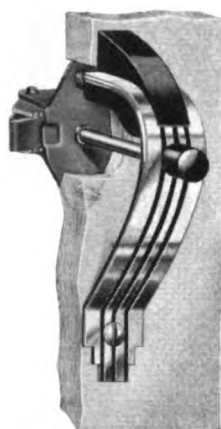


Note how gap between upper and lower window is tightly sealed by eccentric action of "Wintite" Sash Lock providing a "wind tight" joint.

• NO SIDE SLIP — NO VIBRATION — NO RATTLE — ideal for weather stripped windows—air conditioned homes and buildings—and replacement purposes.

• SUPPLIED IN STEEL OR BRASS in standard finishes.

• CONVINCING "WINTITE" DEMONSTRATOR showing actual application and eccentric action offered to dealers on liberal free hardware plan.



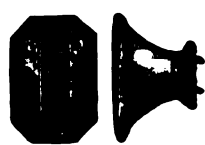
No. E08760

### LUSTER CHROME DE LUXE

MATCHED HARDWARE

Design Patent No. 109464

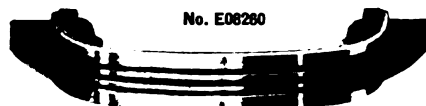
Smartly designed, with modern embossed lines and plastic molded bases in six beautiful Color Combinations—Ebony Black, Red, Green, Delphinium Blue, Yellow, and Ivory.



No. E0563



No. E3002 Flush; No. E3004 3/8" Offset



No. E08215

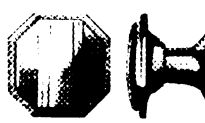


No. E4647

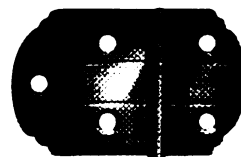
### LUSTER CHROME STANDARD

CABINET HARDWARE

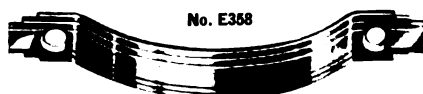
Quality cabinet hardware to sell at competitive prices. All items perfectly matched in design and heavily chromium plated.



No. E570



No. E3021 Flush; No. E3023 3/8" Offset



No. E357

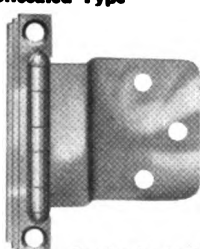
### MODERN CABINET HINGES

Semi-Concealed Type

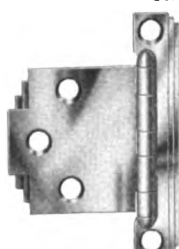
Surface Type



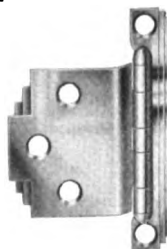
No. E7640  
For Flush Doors



For Overlapping Doors  
No. E7558—3/8" Inset  
No. E7570—1/2" Inset



No. E3061  
For Flush Doors



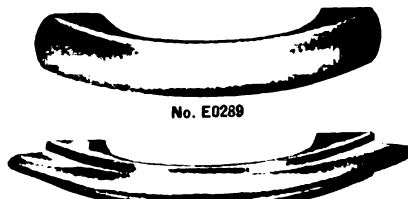
No. E3065  
For 3/8" Offset Doors

### CONCAVE KNOBS



No. E520—1 1/2" Diameter  
No. E515—1 1/4" Diameter  
No. E510—1" Diameter

### WROUGHT BRASS PULLS



No. E0289

No. E0302 (Patent No. D109465)

Illustrations above 1/2 actual size.

DETAILS OR WRITE FOR COMPLETE CATALOG

**AMEROCK HARDWARE CORP.**

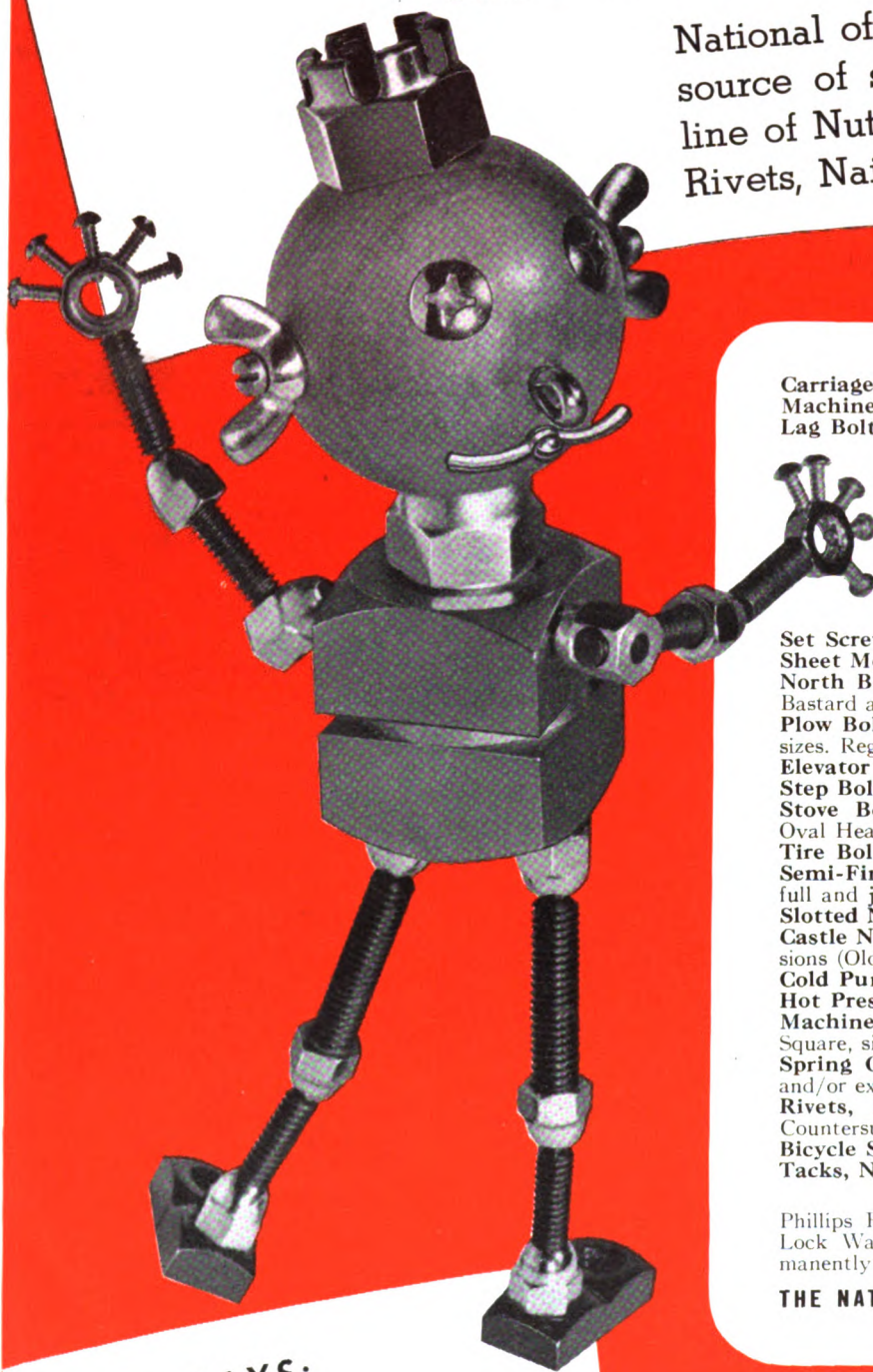
GENUINE  
**Amerock**  
PRODUCTS

ROCKFORD, ILLINOIS



# Mr. HARDWARE BUYER!

National offers you a dependable source of supply for a complete line of Nuts, Bolts, Screws, Tacks, Rivets, Nails, Cotter Pins, Spokes.



**NAT SAYS:**

IF YOU WANT STUFF  
THAT HAS THE GUTS,  
THIS NATIONAL LINE  
IS SURE THE NUTS.

**Carriage Bolts**, from  $\frac{1}{16}$ " to  $\frac{3}{4}$ " diameter, any length.  
**Machine Bolts**, from  $\frac{1}{4}$ " to  $1\frac{1}{2}$ " diameter, any length.  
**Lag Bolts**, from  $\frac{1}{4}$ " to  $\frac{3}{4}$ " diameter, any length.

**Wood Screws**, steel and brass, Flat—Round—and Oval Head, sizes from No. 0 to No. 24 diameter.

**Machine Screws**, steel and brass, Flat—Round—and Oval and Fillister Head, sizes from No. 2 to  $\frac{1}{2}$ " diameter.

**Cap Screws**, Hexagon Head, U.S.S. and S.A.E. Threads.

**Cap Screws**, Flat—Round and Fillister Head.

**Set Screws**, Square Head and Headless.

**Sheet Metal Screws**, Types A and Z.

**North Bolts**, or Ribbed Neck Carriage Bolts, Oval—Bastard and Seat Head.

**Plow Bolts**, No. 1, No. 2, No. 3 and No. 4 Heads, all sizes. Regular and repair heads.

**Elevator Bolts**, No. 1 and No. 2 Heads, all sizes.

**Step Bolts**, sizes from  $\frac{1}{4}$ " to  $\frac{3}{8}$ " diameter, all lengths.

**Stove Bolts**, Flat—Round—Low Round—Oven and Oval Head, sizes from  $\frac{1}{8}$ " to  $\frac{1}{2}$ " diameter.

**Tire Bolts**, Fluted Shank, sizes  $\frac{1}{8}$ " to  $\frac{3}{8}$ " diameter.  
**Semi-Finished Nuts**, Heavy, Regular and Light, both full and jam nut dimensions.

**Slotted Nuts**, coarse and fine thread series as above.

**Castle Nuts**, made to American Standard light dimensions (Old S.A.E. Standard), all sizes from  $\frac{1}{4}$ " to  $1\frac{1}{2}$ ".

**Cold Punched Nuts**, Hexagon and Square.

**Hot Pressed Nuts**, Hexagon and Square.

**Machine Screw Nuts**, steel and brass, Hexagon and Square, sizes from No. 2 to  $\frac{1}{2}$ " tap.

**Spring Cotter Pins**, steel and brass, regular square end, and/or extended prong, sizes from  $\frac{1}{32}$ " to  $\frac{3}{4}$ " diameter.

**Rivets**, Flat—Oval—Wagon Box—Truss Head and Countersunk, all sizes up to  $\frac{1}{2}$ " diameter.

**Bicycle Spokes and Nipples.**

**Tacks, Nails, Staples.**

## NEW SPECIALTIES

Phillips Recessed Head Screws and Bolts.

Lock Washer Assemblies—any type lock washer permanently assembled to any type screw.

**THE NATIONAL SCREW & MANUFACTURING CO.**  
CLEVELAND, OHIO

*National*  
HEADED AND THREADED  
**PRODUCTS**

Mention Hardware Age When Writing

Digitized by Google

## DOLLS, Stuffed

Atlanta Playthings Co., Atlanta, Ga.  
Blossom Doll Co., Inc., 45 E. 20th, New York, N. Y.  
Fleischaker & Baum, 200 Fifth Av., New York, N. Y.  
Gund Mfg. Co., 40 W. 20th, New York, N. Y.  
Herman Corp., 200 Fifth Av., New York, N. Y.  
Live Long Toys Co., Chicago, Ill.  
Mispah Toy & Novelty Corp., Mispah, N. J.  
Regal Doll Mfg. Co., Inc., Trenton, N. J.  
Rose & Rose, 28 Monte Vista Av., Oakland, Cal.  
Ruston Co., Atlanta, Ga.

## DOLLS, Wood

Artwood Toy Mfg. Co., Inc., 601 W. 50th, New York, N. Y.  
Toy Tinkers, Inc., Evanston, Ill.

DOLLY BLOCKS—See Blocks, Dolly

DOVE DAMPERS—See Dampers, Fireplace

## DOMINOES

Bradley (Milton) Co., Springfield, Mass.  
Embossing Co., Albany, N. Y.  
Halsam Products Co., Inc., Chicago, Ill.  
Horn (W. C.) Bro. & Co., 200 Fifth Av., New York, N. Y.  
Parker Bros., Salem, Mass.

Pathe Novelty Corp., 47 W. 34th, New York, N. Y.  
Popper, Arthur, 118 Fourth Av., New York, N. Y.

DOOR ASTRAGALS—See Astragals, Door, Metal

DOOR BELLS—See Bells, Door; also Bells and Buzzers, Electric

DOOR BOLTS—See Bolts, Door

DOOR BOLTS, Panic—See Bolts, Door, Panic

DOOR BRACES, Screen—See Braces, Door, Screen

DOOR BUMPER & HASP—See Hasps, Hinge

DOOR BUTTONS—See Buttons, Door

DOOR BUTTS—See Butts, Door

DOOR CABINETS—See Cabinets, Door

DOOR CASINGS—See Casings, Door

DOOR CATCHES—See Catches, Cupboard, Door, Screen Door, Etc.

DOOR CHECKS—See Closers, Door

DOOR CHIMES, ELECTRIC—See Chimes, Door, Electric

DOOR CLOSERS—See Closers, Door

DOOR DOGS—See Steps, Door

DOOR FASTENERS—See Fasteners, Door, Chain

DOOR FIXTURES—See Fixtures, Door; also article desired

DOOR GUARDS—See Guards, Door

DOOR HANDLES—See Handles, Door

DOOR HANGERS—See Hangers, Door

DOOR HARDWARE, SLIDING AND FOLDING—See Hardware, Door, Sliding and Folding

DOOR HINGES—See Hinges, Door; also Hangers and Hinges, Door

DOOR HOLDERS—See Holders, Door

DOOR INQUIRERS—See Door Lookouts for Interviewing

DOOR INTERVIEWERS—See Door Lookouts for Interviewing

DOOR KNOBS—See Knobs, Door; also Latches; also Locks

DOOR KNOCKERS—See Knockers, Door

DOOR LATCHES—See Latches, Door

DOOR LATCHES, SLIDING—See Locks and Latches, Door, Sliding

DOOR LOCKS—See Locks, Sets, Door and House; also Knobs, Door; also Padlocks

DOOR LOCKS, SLIDING—See Locks and Latches, Door, Sliding; also Padlocks

DOOR LOOKOUTS For Interviewing

Ackerman, (Geo. W.), 244 W. 232nd, New York, N. Y. "Ackerman Interviewers"

Art-Craft Mfg. Co., 7539 S. Wood, Chicago, Ill. "Peep-Door"

Dezcope Co., 32 Union Sq., New York, N. Y.

Home Protector Device Corp., 537 E. 182nd, New York, N. Y. "Ideal"

Kel (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y. "Keillon Inquirer"

Protective Eye Co., 201 N. Wells, Chicago, Ill.

DOOR OPENERS, Garage—See Openers, Garage

DOOR OPENERS AND LOCKS, Electric—See Openers and Locks, Door, Electric

DOOR PULLS—See Pulls, Door

DOOR PUSH BARS—See Bars, Push

DOOR ROLLERS—See Rollers, Door

DOOR SADDLES—See Thresholds

DOOR SCREENS—See Screens, Window and Door

DOOR SETS—See Sets, Door

DOOR SILENCERS—See Silencers, Door

DOOR SPRINGS—See Springs, Door

DOOR STOPS—See Stops, Door

DOOR TRACKS—See Hangers and Hinges, Door

DOOR TRACKS, SLIDING—See Tracks, Door Sliding

## DOORS, Ash Pit

Adams Co., Dubuque, Ia.  
Avondale Stove & Fdry. Co., Birmingham, Ala.  
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. "Royal"  
Clark (H. W.) Co., Matteson, Ill.  
Donley Bros. Co., Cleveland, O.  
Gabriel Steel Co., Detroit, Mich.  
Glascok Stove & Mfg. Co., Greensboro, N. C.  
Howes (S. M.) Co., Boston, Mass.  
Logan Co., Louisville, Ky.  
Majestic Co., Huntington, Ind.  
Peerless Mfg. Co., Louisville, Ky.  
Pekor Foundry Co., Columbus, Ga.  
Portland Stove Fdry. Co., Portland, Me.  
Ravenna Furnace & Heating Co., Ravenna, O.  
Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
Stover Mfg. & Engine Co., Freeport, Ill.  
Swett (A. L.) Iron Works, 149 Glenwood Av., Medina, N. Y.

## DOORS, Cleanout

Adams Co., The, Dubuque, Ia.  
Bignall Co., Medina, N. Y.  
Des Moines Foundry & Machine Co., Des Moines, Ia.  
Fatsco, 251 N. Fair Av., Benton Harbor, Mich.  
Flockhart Foundry Co., Newark, N. J.  
Glascok Stove & Mfg. Co., Greensboro, N. C.  
Howes (S. M.) Co., Boston, Mass.  
Indiana Foundry Co., Indiana, Pa.  
Kewanee Mfg. Co., Kewanee, Ill.  
Laurelton Fdry. Co., Laurelton, Pa.  
Majestic Co., Huntington, Ind.  
Milcor Steel Co., Milwaukee, Wis.  
Pekor Foundry Co., Columbus, Ga.  
Porcupine Co., Fairfield, Conn.  
Portland Stove Fdry. Co., Portland, Me.  
Ravenna Furnace & Heating Co., Ravenna, O.  
Sterling Fdry. Co., Sterling, Ill. "Best"  
Stover Mfg. & Engine Co., Freeport, Ill.  
Swett (A. L.) Iron Wks., Medina, N. Y.  
United States Hardware & Mfg. Co., Pawtucket, R. I.

## DOORS, Clothes Chute

Auer Register Co., 3608 Payne, Cleveland, O.  
Donley Bros. Co., Cleveland, O.  
Gabriel Steel Co., Detroit, Mich.  
Miami Cabinet Div. Philip Carey Co., Middletown, O. "Miami-Carey"

## DOORS, Fire

Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Cornell Iron Works, Inc., 3608 13th, Long Island City, N. Y. (Rolling)  
Mesker Bros. Iron Co., 424 S. 7th, St. Louis, Mo.  
Meyer (F.) & Bro. Co., Peoria, Ill. "Handy"  
Mitchell (Robert) Mfg. Co., 2nd & John, Cincinnati, O. "Pyrono"  
Richards-Wilcox Mfg. Co., Aurora, Ill. "FyeR-Wall"  
St. Louis Fire Door Co., 1184 S. 6th, St. Louis, Mo.  
Willis Mfg. Co., Inc., Galesburg, Ill.  
Wilson (J. G.) Corp., 1841 Bway., New York, N. Y.

## DOORS, Garage, Overhead Acting, Steel or Wood

Allith-Prouty, Inc., Danville, Ill. "50-50"  
Bethlehem Steel Co., Bethlehem, Pa.  
Better Bilt Door Co., Jenkintown, Pa.  
Cornell Iron Works, Inc., 3608 13th, Long Island City, N. Y. "Float Over"  
Durabilt Steel Locker Co., Aurora, Ill.  
Farley & Loetscher Mfg. Co., Dubuque, Ia. "Weather-seal"  
Majestic Co., Huntington, Ind. "Roll-N-Fold"  
Overhead Door Corp., Hartford City, Ind.  
Porcupine Co., Fairfield, Conn.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Richmond Fireproof Door Co., Richmond, Ind. "Up-N-Over"  
Roach & Musser Co., Muscatine, Ia. "E-Z-Up"  
Rowe Mfg. Co., Galesburg, Ill. "Ro-Way"  
Stanley Wks., New Britain, Conn. "Roll-Up."  
"Swing-Up"  
Starline, Inc., Harvard, Ill. "Cannon Ball"  
Strand Building Products Co., 452 S. Woodward Av., Birmingham, Mich.  
Truscon Steel Co., Youngstown, O. "Overdoors"  
Wagner Mfg. Co., Cedar Falls, Ia.  
Wilson (J. G.) Corp., 1841 Bway., New York, N. Y.

## DOORS, House, Hog

Zimmerman, O. E., Fairfax, Minn. "Zims Super!"

## DOORS, Milk or Package Receiving

Auer Register Co., 3608 Payne Av., Cincinnati, O.  
Majestic Co., Huntington, Ind.  
Milcor Steel Co., Milwaukee, Wis.

## DOORS, Screen

American Sash & Door Co., Kansas City, Mo.  
Bestwick-Goodell, Norwalk, O. "B-G"  
Burrows Corp., Portland, Me.  
Carr, Ryder & Adams Co., Dubuque, Ia.  
Chamberlin Metal Weather Strip Co., Inc., 1254 La Brosse, Dept. HA, Detroit, Mich. "Chamberlin"  
Continental Screen Co., Detroit, Mich. "Owosso."  
"Philadelphia." "Porter." "Wabash"  
Corry Metal Corp., Corry, Pa.  
Farley & Loetscher Mfg. Co., Dubuque, Ia.  
Higgin Mfg. Co., Newport, Ky.  
Johnson Metal Products Co., Erie, Pa.  
Kane Mfg. Co., Kane, Pa.  
Morgan Co., Oshkosh, Wis.

National Screen Co., Inc., Suffolk, Va.  
Schumacher (F. E.) Co., Hartville, O.  
Watson Mfg. Co., Jamestown, N. Y.

## DOORS, Screen & Storm, Combination

Carr, Ryder & Adams Co., Dubuque, Ia.  
Continental Screen Co., Detroit, Mich. "Owosso."  
"Porter." "Wabash"  
Farley & Loetscher Mfg. Co., Dubuque, Ia.  
Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.

## DOORS and SHUTTERS, Steel

Auer Register Co., Cincinnati, O.  
Cornell Iron Works, Inc., 3608 13th, Long Island City, N. Y.  
General Fireproofing Co., Youngstown, O.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
St. Paul Corrugating Co., St. Paul, Minn.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
Truscon Steel Co., Youngstown, O.  
Wilson (J. C.) Corp., 1841 Bway, New York, N. Y.

DOUBLE ACTING HINGES—See Hinges, Double Acting

DOUBLE BIT AXES—See Axes, Single and Double Bit, Forged Steel

DOUBLE BOILERS—See Boilers, Rice

DOUBLE DUTY SAWS—See Saws, Double Duty

DOUBLE POINTED TACKS—See Tacks, Double Pointed

DOUBLE-RUNNER ICE SKATES—See Skates, Ice, Double-Runner

DOUBLETREES, Plow—See Singletrees and Doubletrees, Plow and Wagon

DOUBLETREES, Wagon—See Singletrees and Doubletrees, Plow and Wagon

DOUGHNUT CUTTERS—See Cutters, Biscuit, Doughnut, Etc.

DOVETAIL SAWS—See Saws, Dovetail

DOWEL PINS—See Pins, Dowel

DOWEL POINTERS—See Pointers, Dowel

DOWEL RODS—See Rods, Dowel, Wooden

DOWEL SCREWS—See Screws, Dowel

DOWELING JIGS—See Jigs, Doweling

DRAG SAWS—See Saws, Drag

DRAG SCRAPERS—See Scrapers, Drag

## DRAGS, Fox and Wolf

Hawkins (W.), South Britain, Conn. "Blake & Lamb"

## DRAGS, Reel, Fishing

Enterprise Mfg. Co., Dept. HA, Akron, O.

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag

DRAGS, Road—See Scrapers, Drag



**DRAINERS, Dish**

Artwire Creations, Inc., 104 W. 17th, New York, N. Y.  
Columbian Enameling & Stamping Co., Terre Haute, Ind.  
Enamel Products Co., Cleveland, O. "Tecpo"  
Federal Enameling & Stamping Co., McKees Rocks, Pa. "Old Holland"  
Gatch Wire Goods Co., 801 Buren, Baltimore, Md.  
Grand Rapids Wire Products Co., Grand Rapids, Mich.  
Hamblin & Russell Mfg. Co., Worcester, Mass. "O. K." "Perfect"  
Marsh (G. A.) Co., Arlington, Mass.  
Racine Iron & Wire Wks., Racine, Wis.  
United Wire Goods Mfg. Co., 1150 Bway., New York, N. Y. "Ivory"  
Washburn Company, Worcester, Mass. "Graduated"  
Wooster Rubber Co., Wooster, O. "Rubbermaid"

**DRAINERS, Manger, Stable Gutter**

Louden Mch. Co., Fairfield, Ia.  
Ney Mfg. Co., Canton, O.

**DRAINERS and FILLERS, Washing Machine**

Central Rubber Products Co., Inc., 821 Bway., New York, N. Y. "Centro"  
Eclat Rubber Co., Akron, O.  
Emp-Orfil Mfg. Co., 951 Tremaine Av., Los Angeles, Cal.  
Holland-Rieger Co., Sandusky, O. "Jiffy"  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
Lincoln Brass Wks., Detroit, Mich. "Filordrain"  
Penberthy Injector Co., Akron, O.  
R-C-A Rubber Co., Akron, O.  
Scott Pump Co., Rochester, N. Y.  
Siph-O Products Corp., 60 India, Boston, Mass.

**DRAINS and VENTS, Roof**

Barrett Co., 40 Rector, New York, N. Y. "Barrett-Holt"  
Fabry (W. H.) Mfg. Co., Inc., 700 S. Date Av., Alhambra, Cal. "Tucfab"

**DRAPEY BRACKETS**—See Brackets, Pole, Curtain

**DRAPEY HOOKS**—See Pins, Drapery

**DRAPEY PINS**—See Pins, Drapery

**DRAPEY POLE RINGS**—See Rings, Pole, Curtain and Drapery

**DRAPEY RODS**—See Rods, Curtain

**DRAW KNIFE GAGES**—See Gages, Draw Knife

**DRAWER HANDLES**—See Handles, Door, Drawer, Etc.

**DRAWER KNOBS**—See Knobs, Door and Drawer

**DRAWER LOCKS**—See Locks, Chest, Drawer and Desk

**DRAWER PULLS**—See Pulls, Drawer

**DRAWER RINGS, FLUSH**—See Rings, Flush, Drawer

**DRAWERS, Cash, Money, Etc.**

Stephens (Alfred), 202 W. Houston, New York, N. Y.  
Thompson (O. E.) & Sons, Ypsilanti, Mich. "Dorsey"  
Tucker-Dorsey Mfg. Corp., 2100 Fletcher Av., Indianapolis, Ind. "Tucker"  
Waddell Co., Inc., Greenfield, O.

**DRAWERS, Money**—See Drawers, Cash, Money, Etc.

**DRAWING INKS**—See Inks, Drawing

**DRAWING INSTRUMENTS**—See Instruments, Drawing

**DRAWING KNIVES**—See Knives, Drawing

**DREDGE CHAINS**—See Chains, Dredge

**DRESSERS, Diamond**

Desmond-Stephan Mfg. Co., Urbana, O.

**DRESSERS, Grinding Wheel**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Calder Mfg. Co., 626 N. Prince, Lancaster, Pa.  
Collmer Bros., South Bend, Ind. "Huntington"  
Covell-Hanchett Co., Big Rapids, Mich.  
Desmond-Stephan Mfg. Co., Urbana, O. "Diamond Carbide"  
Desmond-Stephan Mfg. Co., Urbana, O. "Perfect ZZ"  
Desmond-Stephan Mfg. Co., Urbana, O. "Rear Win."  
Desmond-Stephan Mfg. Co., Urbana, O. "Sherman"  
Karelsen (E.), Inc., 56 W. 45th, New York, N. Y.  
Piqua Emery Cutter & Fdry. Co., Piqua, O. "Yellow Head" (Self-Lubricating)  
Rock Island Mfg. Co., Rock Island, Ill. "Huntington"  
Rock Island Mfg. Co., Rock Island, Ill. "Huntington"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Sievvert Vertias" (Swedish)  
Southington Edw. Co., Southington, Conn.  
Standard Tool Co., 6900 Central Av., Cleveland, O.  
Vincent Steel Process Co., Detroit, Mich. "Huntington"  
Vincent Steel Process Co., Detroit, Mich. "Huntington"  
Warren Axe & Tool Co., Warren, Pa. "Warren Safety"  
Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis.  
Western Tool & Mfg. Co., Springfield, O. "Champion"

**DRESSINGS, Belt**

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill. "Ideal," "Magic," "Peace"

Atkins (E. C.) & Co., Indianapolis, Ind. "Cantol" (Liquid, Paste & Bar)

Atlantic Mfg. Co., Wilmington, Del.

Black Diamond Paint & Varnish Wks., Cincinnati, O. "Black Diamond"

Boyer Chemical Laboratory, Chicago, Ill.

Capen Belting & Rubber Co., St. Louis, Mo. "Ne-Pac"

Chesapeake Belting Co., Baltimore, Md. "Star"

Chicago Belting Co., 121 N. Green, Chicago, Ill. "Gripstick," "Sealion"

Cling-Surface Co., Buffalo, N. Y.

Desmond-Stephan Mfg. Co., Urbana, O. "Stephan"

Detroit Oak Belting Co., Detroit, Mich.

Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.

Durkee-Atwood Co., Minneapolis, Minn. "All-In-One," "Rie-Nie"

Rurys Mfg. Co., 117 Liberty, Bayonne, N. J. "Hand-Dee"

Ensign Products Co., Cleveland, O.

Galena Mfg. Co., Galena, Ill. "Superior"

Goodrich (B. F.) Co., Akron, O. "Plastikon"

Graton & Knight Co., Worcester, Mass. "Royal Worcester"

Hollingshead (R. M.) Corp., Camden, N. J. "Whis"

Indian Refining Co., Lawrenceville, Ill. "Rull Dog"

Lavo Co. of America, 300 N. 7th, Milwaukee, Wis. "Lavo"

Livingston Co., New Haven, Conn. "I. C. U."

Manufacturers' Belt Hook Co., Chicago, Ill. "Cracker Jack"

Mirrolike Mfg. Co., Queens Blvd., Long Island City, N. Y.

Norton Belting Co., 21 Cushing Rd., Wellesley Hills, Mass. "Flexite," "Matic," "Waxite"

Panhard Oil Corp., 17 Water, New York, N. Y.

Permatex Co., Sheephead Bay, N. Y.

Rhoads (J. E.) & Son, Phila., Pa.

Richmond Belt Dressing Mfg. Co., Richmond, Va. "Wizard"

St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X"

Scientific Mfg. Co., Inc., Scranton, Pa. "Force"

Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y.

So-Lo Works, Cincinnati, O. "Industrial So-Lo," "Brushing"

Stephenson Mfg. Co., Albany, N. Y. "Stephenson"

Webb Belting Co., Kansas City, Mo. "Slip-Knot"

White & Bagley Co., Worcester, Mass. "Neverslip"

Whitlock Mfg. Co., Cleveland, O. "Mlown," "Velve-tone"

**DRESSINGS, Fishing Line**

Enterprise Mfg. Co., Dept. HA, Akron, O. "Sahara"

Frost (G. W.) & Sons, Stevens Point, Wis. "Supreme"

Transford Co., Owatonna, Minn. "Nipigon"

Triggs-Michael Co., Fort Wayne, Ind.

**DRESSINGS, Fly, Fishing**

Frost (G. W.) & Sons, Stevens Point, Wis. "Supreme"

Oletime Woodsman's Line, Paxton, Mass.

Triggs-Michael Co., Fort Wayne, Ind.

**DRESSINGS, Harness**

(See also Soaps, Harness)

Asco Chemical Co., 641 Lexington Av., Bklyn., N. Y. "Asco"

Detroit White Lead Wks., Detroit, Mich. "Rogers"

Durkee-Atwood Co., Minneapolis, Minn. "Rie-Nie"

Fiebing Chemical Co., Milwaukee, Wis. "Presto"

Hauthaway (C. L.) & Sons, Lynn, Mass.

Lowie Bros. Co., Dayton, O.

Leather Vita Co., Inc., Madison, Conn. "Leather Vita"

St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X"

Snow-Proof Co., Middletown, N. Y.

Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y.

**DRESSINGS, Leather, Waterproof**

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.

Dennis (Martin) Co., 859 Summer Av., Newark, N. J. "Lexol"

Leather Vita Co., Inc., Madison, Conn. "Leather Vita"

Oletime Woodsman's Line, Paxton, Mass.

Protection Products Mfg. Co., Kalamazoo, Mich. "Rainy Day"

Sargent Mfg. Co., 88 Elizabeth, Yonkers, N. Y.

Snow-Proof Co., Middletown, N. Y.

Triggs-Michael Co., Fort Wayne, Ind.

**DRESSINGS, Top and Upholstery, Automobile**

Acme White Lead & Color Wks., Detroit, Mich.

Adams & Elting Co., Chicago, Ill.

Arco Co., Cleveland, O.

Baum's Castorine Co., Roma, N. Y.

Bowes "Seal-Fast" Corp., Indianapolis, Ind.

Carpenter-Morton Co., Boston, Mass. "Carmote"

Du Pont (E. I.) De Nemours & Co., Inc., Wilmington, Del. "Du Pont No. 7"

Durkee-Atwood Co., Minneapolis, Minn.

Durkee-Atwood Co., Minneapolis, Minn. "Earlco"

Earl Paint Co., Inc., Cincinnati (Norwood) O.

Foy "Foy's Dri-Fast"

Goodyear Tire & Rubber Co., Akron, O.

Hilo Varnish Corp., 42 Stewart Av., Bklyn., N. Y.

Lee Tire & Rubber Co., Conshohocken, Pa.

Livingston Co., New Haven, Conn.

Louisville Paint Mfg. Co., Louisville, Ky.

Lucas (John) & Co., Inc., Phila., Pa.

Martin Varnish Co., Chicago, Ill.

Mirrolike Mfg. Co., Queens Blvd., Long Island City, N. Y.

Monarch Products Co., Inc., Red Bank, N. J. "Monarch"

Nu-Enamel Corp., 8709 Kinsman Av., Cleveland, O.

Passonon-Hutcheon Co., 9808 Meach Av., Cleveland, O. "Olo"

Permatex Co., Sheephead Bay, N. Y.

Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Waterpar"

Pratt & Lambert, Inc., Buffalo, N. Y.

Reliable Leather Dressing Co., 43 Crescent, Long Island City, N. Y.

Robeson Preserve Co., Port Huron, Mich.

St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X"

Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.

Sherwin-Williams Co., Cleveland, O.

Wilson-Imperial Co., 116 Chestnut, Newark, N. J. "Imperial"

**DRIERS, CLOTHES**—See Dryers, Clothes

**DRIFT PUNCHES**—See Punches, Blacksmiths'

**DRILL BITS**—See Bits

**DRILL CABINETS**—See Cabinets, Drill

**DRILL CHUCKS**—See Chucks, Drill

**DRILL AND COUNTERSINK SETS**—See Drills and Countersinks, Combined

**DRILL GAGES**—See Gages, Drill

**DRILL GRINDING GAGES**—See Gages, Drill Grinding

**DRILL HOLDERS**—See Holders, Drill; also Holders, Tool, Lathe, Planer, Drill, Etc.

**DRILL POINTS**—See Points, Drill

**DRILL PRESSES**—See Presses, Drill, Electric, Homecraft

**DRILL SEEDERS**—See Seeders, Drill and Hill

**DRILL SETS**—See Sets, Drill

**DRILL SLEEVES**—See Sockets and Sleeves, Drill

**DRILL SOCKETS and SLEEVES**—See Sockets and Sleeves, Drill

**DRILL TAPS**—See Taps, Drill

**DRILLS, Automatic Push**

Greenlee Tool Co., Rockford, Ill.

Millers Falls Co., Greenfield, Mass. "Mr. Punch"

North Bros. Mfg. Co., N. E. Cor. American & Lehigh Av., Phila., Pa. "Yankee"

**DRILLS, Bench**

Arcade Mfg. Co., Freeport, Ill.

Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich. "Atlas"

Boice-Crane Co., 1730 Norwood Av., Toledo, O. "Boice-Crane"

Burrill (O. W.) & Bro., Woodport, N. Y.

Canedy-Otto Mfg. Co., Chicago Heights, Ill.

Champion Blower & Forge Co., Lancaster, Pa.

Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, W.

Double A Products Co., Inc., Ann Arbor, Mich.

Duro Metal Products Co., 2651-61 N. Kildare & Chicago, Ill.

Louisville Electric Mfg. Co., Louisville, Ky. "Phoenix"

Millers Falls Co., Greenfield, Mass.

North Bros. Mfg. Co., N. E. Cor. American & Lehigh Av., Phila., Pa. "Yankee"

Power King Tool Corp., 706 Market, Warsaw, Ind. "Power King"

Stanley Electric Tool Div., New Britain, Conn.

United States Electrical Tool Co., Cincinnati, O.

Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"

Yates-American Machine Co., Beloit, Wis.

**DRILLS, Bit Stock**

Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.

Etna Twist Drill Co., Taunton, Mass.

Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"

Morse Twist Drill & Mach. Co., New Bedford, Mass.

National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.

New Process Twist Drill Co., Taunton, Mass.

Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. (Imported)

Standard Tool Co., Cleveland, O.

Star Bit & Tool Co., Rockford, Ill.

Union Twist Drill Co., Athol, Mass.

Whitman & Barnes, Inc., Detroit, Mich.

**DRILLS, Blacksmiths'**

Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.

Diamond Expansion Bolt Co., 48 W. B'way, New York, N. Y.

Etna Twist Drill Co., Taunton, Mass.

Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"

Morse Twist Drill & Mach. Co., New Bedford, Mass.

National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.

National Twist Drill & Tool Co., Detroit, Mich.

New Process Twist Drill Co., Taunton, Mass.

Pratt & Whitney Co., Hartford, Conn.

Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. (Imported)

Standard Tool Co., Cleveland, O.

Union Twist Drill Co., Athol, Mass.

Whitman & Barnes, Inc., Detroit, Mich.

**DRILLS, Bonding**—See Drills, Twist



# CONDENSED CATALOG OF Pittsburgh Fences

FARM, POULTRY, and LAWN STYLES  
WELDED-JOINT and HINGE-JOINT TYPES

*As a convenient reference you will find here, in condensed form, catalog information covering the standard (simplified practice) styles of farm and poultry fences, together with the approximate shipping weights of hinge-joint, lock-joint and welded-joint fence.*

*This is useful reference information no matter what brand of fence you buy. The weights given for hinge-joint fence, for example, will approximate the weights of all brands of hinge-joint fence.*

*The "Condensed Catalog" would be incomplete if it did not include, as it does, the numerous special fences made only by Pittsburgh Steel Co.; and we call your special attention to the new close mesh fence fabrics on page 3 and new lawn fence items shown on the last page.*

This is an unretouched photomicrograph (enlarged 500 diameters) of the Premium Hot Zinc Coating on Pittsburgh Fence Wire. The bottom section is a portion of the steel. Next above is the iron-zinc alloy bonding layer. Next is the heavy outer layer, this one of pure bright zinc. The black section is merely the background of the photograph. Write for a free comparison card showing relative coating on some leading brands of fences.

*Only* Pittsburgh FENCES ARE  
PREMIUM BRIGHT HOT ZINC COATED  
OVER QUALITY COPPER BEARING STEEL

PITTSBURGH STEEL COMPANY  
PITTSBURGH PENNSYLVANIA

NEW YORK

DETROIT  
HOUSTON

CHICAGO  
TULSA

CLEVELAND  
LOS ANGELES

Google

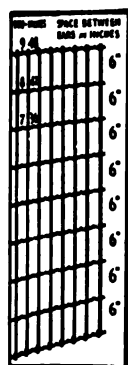
PITTSBURGH'S CONDENSED FENCE CATALOG





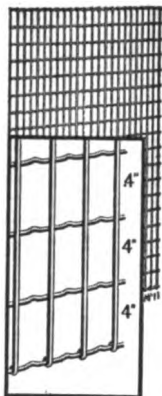
# Lawn Fences Fence Fabrics Pittsburgh Fence

## Plain Top Lawn Fences



### Non-Climbable

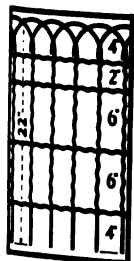
The Pittsburgh Plain Top Lawn Fences are fully comparable in strength and effectiveness to the ornamental designs shown on the following page and are popular not only for some lawn fence applications where ornamentation is not important, but also these styles are used for many enclosures such as poultry enclosures, dog enclosures, laundry or service yard enclosures and for tree guards, garage partitions and innumerable other applications. In the 2" spacing of pickets these fences are practically non-climbable.



### SPECIFICATIONS

#### Plain Top Pittsburgh Lawn Fence

Style No.	No. of Bars	Height in Inches	Spacing of Wires Center to Center Pickets	Approx. Wt. per 100 Feet in Pounds
<b>STYLE "M" No. 9½ GAUGE REGULAR MESH FENCE.</b>				
948M	9	48	3"	141
942M	8	42	3"	122
736M	7	36	3"	104
<b>STYLE "N" No. 9½ GAUGE CLOSE-MESH FENCE.</b>				
948N	9	48	2"	186
942N	8	42	2"	168
736N	7	36	2"	142
<b>STYLE "P" No. 11 GAUGE CLOSE-MESH FENCE.</b>				
1972P	19	72	2"	220
1680P	16	68	2"	186
1348P	13	48	2"	149
1140P	11	40	2"	124
1036P	10	36	2"	112
724P	7	24	2"	75



## Flower Bed Border

### Welded-Joint Types

Premium Bright Hot Zinc Coated Copper-Bearing Steel. Flower Fence in 9½ and 11 Gauge Weights.

#### Specifications

Style No.	No. of Line Wires	Height in Inches	Spacing of Wires Center to Center Pickets	Approx. Weight Per 100 Feet in Lbs.
-----------	-------------------	------------------	---	-------------------------------------

#### Straight Picket

All-No. 9½ Gauge Flower Fence.

422FX	4	22	3	6	70
316FX	3	16	3	6	52

#### Crimped Picket

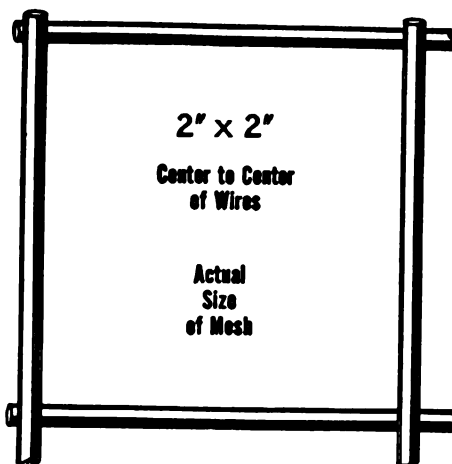
All-No. 11 Gauge Flower Fence.

422CFY	4	22	3	6	54
316CFY	3	16	3	6	41

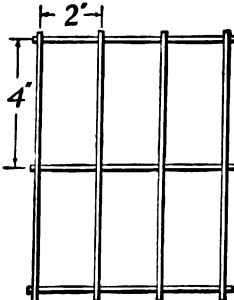
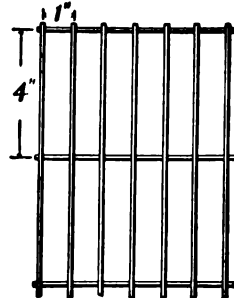
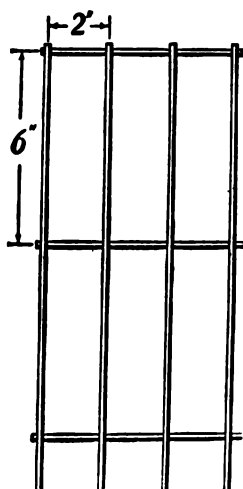
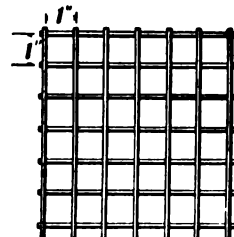
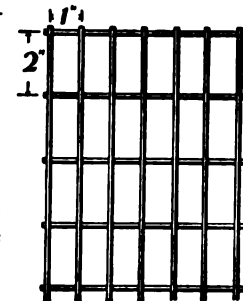
No supports necessary. Long bottom stays on Flower Fence are simply pushed into the ground.

## Close Mesh Welded Fence Fabrics

One of the newest of this group is the 1" x 1" mesh added last season. Wires spaced only 1" x 1" center to center gives it a multitude of uses for wire floors in poultry houses, sun porches, batteries and feeding racks. Also such uses as cages, pens, traps, baskets, window guards, storage bins, spring or well cooling baskets, etc.



Other popular welded meshes include 1" x 2" mesh for broiler and adult chicken floors; 1" x 4" mesh, which is the ideal turkey floor fabric; 1½" x 6" broiler feeding fence; 2" x 6" chicken feeding fence; 2" x 4" mesh called the fabric of "101" uses and 2" x 2" fur farming fence. All are premium zinc coated.



## Close Mesh Welded Fence Fabrics

### Specifications

Applications				Approx. Weight In Pounds Per 100 Lineal Foot Roll					
Styles	No. of Bars	Mesh Spacing		No. 11 Ga.	No. 12½ Ga.	No. 14 Ga.	No. 15 Ga.	No. 16 Ga.	
		Wd.	Stays	Bars					
1" x 1" Mesh Chicken Floor Fabric									
2534-1	25	24"	1"	1"	194	127	80	67	51
3130-1	31	36"	1"	1"	243	160	100	88	63
3736-1	37	48"	1"	1"	291	190	120	100	76
4948-1	49	48"	1"	1"	388	254	160	134	101
6160-1	61	60"	1"	1"	485	318	200	167	128
1" x 2" Mesh Poultry Floor Fabric									
1324-1	13	24"	1"	2"	149	96	61	---	---
1630-1	16	36"	1"	2"	187	121	77	---	---
1936-1	19	48"	1"	2"	224	145	92	---	---
2548-1	25	48"	1"	2"	299	193	123	---	---
3160-1	31	60"	1"	2"	374	242	154	---	---
1" x 4" Mesh Turkey Floor Fabric									
724-1	7	24"	1"	4"	117	77	50	---	---
1036-1	10	36"	1"	4"	175	115	75	---	---
1348-1	13	48"	1"	4"	234	154	100	---	---
1660-1	16	60"	1"	4"	292	192	125	---	---

### Specifications

Specifications				Approx. Weight In Pounds Per 100 Lineal Foot Roll			
Styles	No. of Bars	Width	Mesh Spacing Stays Bars	No. 11 Ga.	No. 12½ Ga.	No. 14 Ga.	No. 16 Ga.
<b>2"x2" Fur Farming Fabric</b>							
1324-2*	13	24"	2"	2"	...	52	30
1936-2*	19	36"	2"	2"	...	78	46
2548-2*	25	48"	2"	2"	...	103	61
3160-2*	31	60"	2"	2"	...	129	76
3772-2*	37	72"	2"	2"	...	155	92
<b>2"x4" "Many Use" Fence Fabric</b>							
724-2*	7	24"	2"	4"	75	49	...
1036-2*	10	36"	2"	4"	112	73	...
1348-2*	11	40"	2"	4"	124	81	...
1348-2*	13	48"	2"	4"	149	97	...
1660-2*	16	60"	2"	4"	186	122	...
1972-2*	19	72"	2"	4"	220	146	...
<b>2"x6" Mesh Chicken Feeding Fabric</b>							
524-2*	5	24"	2"	6"	69	...	...
736-2*	7	36"	2"	6"	97	...	...
948-2*	9	48"	2"	6"	130	...	...
1160-2*	11	60"	2"	6"	162	...	...
<b>1½"x6" Mesh Broiler Feeding Fabric</b>							
984-1½*	9	48"	1½"	6"	161	...	...

\*Note: For complete style number, add gauge at (\*). Example: Style No. 724-2-11 for the 11 gauge weight.



Figure 1 consists of four diagrams arranged in two pairs. The left pair is labeled 'Crimped' and the right pair is labeled 'Straight'. Each pair contains a diagram showing the relationship between the space between bars (in inches) and the number of bars per inch. The vertical axis for all diagrams is 'SPACE BETWEEN BARS - INCHES' with values 4, 2, 6, 6, 6, 6, 6, 6, 6, 6. The horizontal axis for all diagrams is 'BARS - INCHES' with a value of 948. The diagrams show that for a given space between bars, the number of bars per inch is constant. For example, for a space of 4 inches, there are 237 bars per inch (948/4). For a space of 2 inches, there are 474 bars per inch (948/2). For a space of 6 inches, there are 156 bars per inch (948/6).

### SPECIFICATIONS—Single Scroll Ornamental Pittsburgh Welded Lawn Fences

Styles	No. of Bars	Height in. Inches	Spacing of Wires Center to Center Pickets	Center Bars	Approximate Weight per 100 Feet, Pounds
<b>*Style "CSW" — Single Scroll,</b>					
<b>No. 10 Gauge Pickets, No. 11 Gauge Bars</b>					
948 CSW	9	48	3	6	124
842 CSW	8	42	3	6	110
736 CSW	7	36	3	6	98
630 CSW	6	30	3	6	85
524 CSW	5	24	3	6	70
<b>Style "R" — All No. 9 1/2 Gauge Fence (Straight Pickets)</b>					
948R	9	48	3	6	147
842R	8	42	3	6	130
736R	7	36	3	6	112
630R	6	30	3	6	96
524R	5	24	3	6	81
<b>Style "RY" — All No. 11 Gauge Fence (Straight Pickets)</b>					
948RY	9	48	3	6	106
842RY	8	42	3	6	95
736RY	7	36	3	6	84
630RY	6	30	3	6	69
524RY	5	24	3	6	59

Bright, premium hot zinc coated over genuine copper-bearing steel. Style CSW, picket wires No. 10 gauge, bars No. 11 gauge; Style "R", all wires No. 9 1/2 gauge; Style "RY", all wires No. 11 gauge. Permanent, welded joints; no twisted light gauge wires. Put up in 100 and 150-foot rolls.

\*Design Patent Applied For.

## Walk Gates With or Without Ornamental Tops

### Double Drive Chain Link Gate

## SPECIFICATIONS

### Lawn and Chain Link Drive Gates

Styles	Width of Opening	Approximate Weights in Pounds					
		Heights 36"		42"		48"	
Lawn Drive Gates	8	46	45	49	48	52	51
SINGLE	10	55	51	58	55	62	59
Double	12	63	60	66	64	71	67
	14	74	72	78	76	84	82
	16	82	80	87	85	93	91
	18		86		92		99
Chain Link Drive Gates	8	46	46	50	50	54	54
SINGLE	10	55	52	59	57	64	62
Double	12	63	61	68	64	74	71
	14	74	73	80	76	86	86

**DRILLS, Breast**

Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
 Millers Falls Co., Greenfield, Mass.  
 North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"  
 Stanley Tools Div. Stanley Works, New Britain, Conn. "Defiance," "Stanley"

**DRILLS, Brick, Stone, Cement, Etc.**

Albert Tool Co., Mercer, Pa.  
 American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Arto Expansion Bolt Co., Marion, O. "Arto"  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Brunner & Lay Co., Chicago, Ill.  
 Buechel Tool Mfg. Co., Inc., 220 Adams, B'klyn., N. Y.  
 Carver Tool Wks., Spring Valley, N. Y.  
 Champion-De Arment Tool Co., Meadville, Pa.

Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave," "V-Flat"  
 Crutcher, Inc., 330 W. 42nd, New York, N. Y.  
 Crescent Tool Co., Jamestown, N. Y. "S. & H."  
 Damascus Steel Products Corp., Rockford, Ill. "Daco"

Delaware Tool Co., Wilmington, Del.  
 Diamond Expansion Bolt Co., 48 W. B'way, New York, N. Y.  
 Drew (C.) & Co., Kingston, Mass.  
 Duff Mfg. Co., Chicago, Ill.  
 Duff (J. F.), Chicago, Ill.  
 Erie Tool Wks., Bayonne, N. J.  
 Farmington Tool & Forging Co., Cleveland, O.  
 Metzler & Zook Co., Belleville, Pa.  
 Hancock Tool Mfg. Co., Hancock and Oxford, Phila., Pa.

Hood Bros., Inc., 4336 Orchard, Phila., Pa.  
 Hubbard & Co., Pittsburgh, Pa. (Stone)  
 Iron City Tool Works, Pittsburgh, Pa.  
 Kauter & Co., Inc., 585 18th Av., Newark, N. J. "Kwi-Kut"  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Oxford Tool Co., 1638 N. Second, Phila., Pa.  
 Paine, Benjamin O., Millbury, Mass. "C. S."

"Duro"  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Penn Tool Co., 713 N. Broad, Phila., Pa.  
 Phillips Drill Co., 1537 Cortland, Chicago, Ill. "Phillips"  
 Pomb Tool Co., Los Angeles, Cal.  
 Ray Mfg. Co., Titusville, Pa.  
 Ray Mfg. Co., Inc., 97 Lafayette, New York, N. Y.  
 "Raw-Drill," "Triangle Drill"  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.

Smith (Landon P.), Inc., 130 Coit, Irvington, N. J. "Red Devil"  
 Stanley Tools Div. Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Star Expansion Bolt Co., 147 Cedar, New York, N. Y. "Hamtwist," "Sebeco"  
 Storz (John) & Son, 210 Vine, Phila., Pa.  
 Star Mfg. Co., Inc., Binghamton, N. Y.  
 Star Expansion Bolt Co., Inc., York, Pa. "U. S."

Wichman & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Double Duty," "Twentieth Century," "V. & B."  
 Wicks Tool Co., 3006 E. 87th, Cleveland, O.  
 Wilson Tool Mfg. Co., Quincy, Mass.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

**DRILLS, Carbide Tipped**

Barley Co., Inc., 11131 E. 8th, Mile Blvd., Detroit, Mich.  
 Barley Tool Co., 21650 Hoover Rd., Detroit, Mich.  
 Barley Carbide Tool Co., 13338 W. Vernon Highway, Detroit, Mich.

**DRILLS, Cement—See Drills, Brick, Stone, Cement, Etc.**

**DRILLS, Center**

Etna Twist Drill Co., Taunton, Mass.  
 Etna Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 Providence Tool Co., 189 Charles, Providence, R. I.  
 Smith (J. T.) Co., Providence, R. I.  
 Standard Tool Co., Cleveland, O.  
 Union Twist Drill Co., Athol, Mass.  
 Whitman & Barnes, Inc., Detroit, Mich.

**DRILLS, Ceramic, Portable, Electric**

Portable Appliances, Inc., 175 S. High, Columbus, O.

**DRILLS, Chain**

Millers Falls Co., Norwalk, Conn.  
 Millers Falls Co., Greenfield, Mass.  
 North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"

**DRILLS and BITS, Electricians'**

See also Drills, Brick, Stone, Cement, etc.)  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 National Twist Drill Co., 1242 E. 49th, Cleveland, O.

Connecticut Valley Mfg. Co., Centerbrook, Conn.  
 Crescent Tool Co., Jamestown, N. Y. "Red Devil"  
 Diamond Expansion Bolt Co., 48 W. B'way, New York, N. Y.  
 Etna Twist Drill Co., Taunton, Mass.  
 Greenlee Tool Co., Rockford, Ill. "Double Speed," "Unispur"  
 Irwin Auger Bit Co., Wilmington, O. "Bluwlin," "Irwin"  
 Millers Falls Co., Greenfield, Mass.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.

National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.

New Process Twist Drill Co., Taunton, Mass.  
 Pugh (Job T.) Inc., Phila., Pa.  
 Snell Mfg. Co., Fiskdale, Mass. "Red Rover"  
 Standard Tool Co., Cleveland, O.  
 Star Bit & Tool Co., Rockford, Ill.  
 Storts (John) & Son, 210 Vine, Phila., Pa.  
 Swan (James) Co., Seymour, Conn.  
 Union Twist Drill Co., Athol, Mass.  
 Whitman & Barnes, Inc., Detroit, Mich.

**DRILLS and COUNTERSINKS, Combined**

Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.  
 Etna Twist Drill Co., Taunton, Mass.  
 Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"

Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.

Providence Tool Co., 189 Charles, Providence, R. I.  
 Slocum (J. T.) Co., Providence, R. I.  
 Standard Tool Co., Cleveland, O.  
 Union Twist Drill Co., Athol, Mass.  
 Whitman & Barnes, Inc., Detroit, Mich.

**DRILLS, ELECTRIC PORTABLE—See Drills, Grinders & Polishers, Electric, Portable**

**DRILLS, Grinders and POLISHERS, Electric, Portable**

Albany Hdw. Specialty Mfg. Co., Albany, Wis.  
 American Grinder & Specialty Corp., Fond du Lac, Wis.

Black & Decker Mfg. Co., Towson, Md. "Shorty"  
 Boettcher Co., Chicago, Ill.  
 Boice-Crane Co., 1730 Norwood Av., Toledo, O. "Boice-Crane"

Carter (R. L.) Co., New Britain, Conn. "Carter"  
 Chicago Flexible Shaft Co., Chicago, Ill.  
 Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill. "De Luxe Handee," "Handee," "Hi-Power"

Cincinnati Electrical Tool Co., Cincinnati, O.  
 Clark (Jas., Jr.) Electric Co., Inc., Louisville, Ky.  
 Clizbe Bros. Mfg. Co., Plymouth, Ind. (Grinders)  
 Dremel Mfg. Co., Racine, Wis. "Moto-Tool"

Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Excel Auto Radiator Co., 320 E. 21st, Chicago, Ill. "Toolmaster"

Foredom Electric Co., 27 Park Pl., New York, N. Y. "Foredom"  
 General Hardware Co., Milwaukee, Wis.  
 Gilbert (A. C.) Co., New Haven, Conn. "Polar Cub"

Hisey-Wolf Mach. Co., Cincinnati, O.  
 Ideal Commutator Dresser Co., Sycamore, Ill. "Ideal"

Independent Pneumatic Tool Co., Chicago, Ill. "Thor"

Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "KM Speed"

Louisville Electric Mfg. Co., Louisville, Ky. "Pioneer"

Luther Grinder & Tool Co., Fond du Lac, Wis.  
 Mall Tool Co., 7740 S. Chicago Av., Chicago, Ill. "Mall Red Streak"

Martindale Electric Co., Cleveland, O. "Imperial"  
 Millers Falls Co., Greenfield, Mass. "Dyno-Mite"  
 Milwaukee Electric Tool Corp., Milwaukee, Wis. "Super Holeshooter"

Misener Mfg. Co., Inc., Syracuse, N. Y.  
 Modern Grinder Mfg. Co., Fond du Lac, Wis.  
 Monarch Mfg. Co., 711 W. Lake, Chicago, Ill. "Monarch"

Mummert-Dixon Co., Hanover, Pa. "Plurality"  
 Nashaway Mfg. Co., 310 Sharp Bldg., Lincoln, Nebr. "Nashaway"

Peerless Electric Co., Warren, O.  
 Power King Tool Co., 706 E. Market, Warsaw, Ind. "Power King"

Paramount Products Co., 545 5th Av., New York, N. Y. "Whiz"

Precision Electric Tool & Mfg. Co., Worcester, Mass. "Hus-Kee"

Royal Electric Fixture Corp., Hornell, N. Y. "Royal"

Schauer Machine Co., Cincinnati, O. "Ideal," "Neil & Smith"

Signal Electric Mfg. Co., Menominee, Mich. "Signal"

Skilaw, Inc., 3310 Elston Av., Chicago, Ill. "Skilaw"

Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"

Standard Electric Tool Co., Cincinnati, O.  
 Stanley Electric Tool Div., Stanley Works, New Britain, Conn.  
 Stow Mfg. Co., Inc., Binghamton, N. Y.  
 Sunlight Electrical Co., Warren, O.

Syntron Co., 1938 Black, Homer City, Pa.  
 United American Bosch Corp., Springfield, Mass.  
 United States Electrical Tool Co., Cincinnati, O. "U. S."

Valley Electric Corp., St. Louis, Mo.  
 Van Dorn Electric Tool Co., Towson, Md.  
 Van Norman Machine Tool Co., Springfield, Mass.  
 Winterhoff Tool & Machine Co., Elkhart, Ind.  
 Wodack Electric Tool Corp., 4627 W. Huron, Chicago, Ill. "Wodack"

**DRILLS, Hand**

Buffalo Forge Co., Buffalo, N. Y.  
 Champion Blower & Forge Co., Lancaster, Pa. "200"

Dallett (Thos. H.) Co., Phila., Pa.  
 Fleming (J. P.) Inc., Worcester, Mass. "Flemco"  
 Forsberg Mfg. Co., Sea View Av., Bridgeport, Conn. "Viking"

Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"

Iron City Tool Wks., Pittsburgh, Pa.  
 Metal Products Corp., 510 First Av., West Haven, Conn. "Par-Plus"

Millers Falls Co., Greenfield, Mass.  
 North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"

Peck Stow & Wilcox Co., Southington, Conn. "Fexto"

Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.

Stanley Tools Div. Stanley Works, New Britain, Conn. "Defiance," "Stanley"  
 United States Electrical Tool Co., Cincinnati, O.  
 Utility Hardware Corp., 315 Berry, B'klyn., N. Y. "Utility"

Warwood Tool Co., Wheeling, W. Va.

**DRILLS, Hand Hammer**

Brush Nail Expansion Bolt Co., Greenwich, Conn.  
 Paine, Benjamin O., Millbury, Mass.

Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Rawplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawl-Drill," "Triangle Drill"

**DRILLS, Push—See Drills, Automatic**

**DRILLS, Post**

Buffalo Forge Co., Buffalo, N. Y.  
 Canedy-Otto Mfg. Co., Chicago Heights, Ill.

Champion Blower & Forge Co., Lancaster, Pa.  
 Salem Tool Co., Salem, O. "Silver"

Warwood Tool Co., Wheeling, W. Va.  
 Western Hdw. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Western"

**DRILLS, Power Hammer**

Rawplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawlplug"

**DRILLS, Ratchet**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.

Carver Tool Works, Spring Valley, N. Y.  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.  
 Etna Twist Drill Co., Taunton, Mass.

Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"

Hunter (Jas.) Mach. Co., North Adams, Mass.  
 Keystone Mfg. Co., Buffalo, N. Y. "Monarch"

Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 New Process Twist Drill Co., Taunton, Mass.

North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"

Pegler Machy. Co., Chattanooga, Tenn. (Mining)  
 Pratt & Whitney Co., Hartford, Conn. "Renshaw"

Standard Tool Co., Cleveland, O.  
 Union Twist Drill Co., Athol, Mass.

Whitman & Barnes, Inc., Detroit, Mich. "Hercules"  
 "D. D."

**DRILLS, Reciprocating**

Millers Falls Co., Greenfield, Mass.  
 North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"

**DRILLS, SPRING HAMMER—See Drills, Hammer, Spring**

**DRILLS, Star—See Drills, Brick, Stone, Cement, Etc.**

**DRILLS, Stone—See Drills, Brick, Stone, Cement, Etc.**

**DRILLS, Straight Shank—See Drills, Twist**

**DRILLS, Taper Shank—See Drills, Twist**

**DRILLS, Twist**

Alvord-Polk Tool Co., Millersburg, Pa.  
 American Twist Drill & Tool Co., Detroit, Mich.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"

Clark Equipment Co., Buchanan, Mich. "Celfor"  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O. "Cle-Forge"

Colton (Arthur) Co., Detroit, Mich. "Colton-Detroit"  
 Diamond Expansion Bolt Co., 48 W. B'way, New York, N. Y. "Di Forge"  
 Etna Twist Drill Co., Taunton, Mass.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"

**DRILLS, Twist (Continued)**

Keystone Reamer & Tool Co., Millersburg, Pa.  
Morse Twist Drill & Mach. Co., New Bedford, Mass.  
National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
New Process Twist Drill Co., Taunton, Mass.  
Pratt & Whitney Co., Hartford, Conn.  
Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. (Imported)  
Standard Tool Co., Cleveland, O. "Red Shield"  
Union Twist Drill Co., Athol, Mass.  
Whitman & Barnes, Inc., Detroit, Mich.

**DRILLS, Wood Boring, Brace**

Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.  
Etna Twist Drill Co., Taunton, Mass.  
Forest City Bit & Tool Co., Rockford, Ill.  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
Greenlee Tool Co., Rockford, Ill.  
Morse Twist Drill & Mach. Co., New Bedford, Mass.  
New Process Twist Drill Co., Taunton, Mass.  
National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
Standard Tool Co., Cleveland, O.  
Star Bit & Tool Co., Rockford, Ill.  
Syracuse Twist Drill Co., Syracuse, N. Y.  
Union Twist Drill Co., Athol, Mass.  
Whitman & Barnes, Inc., Detroit, Mich.

**DRINKING CUPS—See Cups, Drinking**

**DRINKING FOUNTAINS—See Fountains, Drinking**  
**DRINKING GLASS RUBBER MATS—See Mats, Rubber, Drinking Glass**

**DRIP COFFEE POTS—See Pots, Coffee; also see Coffee Makers**

**DRIP PANS—See Pans, Drip**

**DRIVE SCREW NAILS—See Nails, Screw Drive**

**DRIVE SCREWS—See Screws, Drive**

**DRIVE STUDS—See Studs, Drive**

**DRIVERS, Brad, Magnetic**

Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Bradmaster"

**DRIVERS, Coopers' Hoop**

Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
Drew (C.) & Co., Kingston, Mass.  
Iron City Tool Works, Pittsburgh, Pa.  
Stanley Tools Div. Stanley Works, New Britain, Conn. "Stanley-Atha"  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
Stossel (Carl) & Sons Co., Front Royal, Va.  
Warren Tool Corp., Warren, O. "Quikwerk"  
White (L. & I. J.) Co., Division of the Simonds-Worden-White Co., Dayton, O.

**DRIVERS, Glaziers'**

Austin & Eddy, 117 Broad, Boston, Mass.  
Fletcher, Terry Co., Forestville, Conn. "Fletcher"  
Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Pointmaster"  
Smith (Landon P.), Inc., 130 Coit, Irvington, N. J. "Red Devil"

**DRIVERS, Post, Steel**

C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "C K R"  
Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"

**DRIVERS, Screw—See Screw Drivers**

**DRIVEWAY ARCHES—See Arches, Gateway**

**DRIVEWAY GATES—See Fence and Gates, Lawn**

**DROP CLOTHES—See Cloths, Drop, Painters'**

**DROP FORGED WIRE ROPE CLIPS—See Clips, Wire Rope, Drop Forged**

**DROP FORGED WRENCHES—See Wrenches, Screw**

**DROP & LEVER HANDLES—See Handles, Drop & Lever**

**DROP LETTER PLATES—See Plates, Drop Letter**

**DROP RING HANDLES—See Handles, Drop Ring**

**DROP SHOT—See Shot, Lead**

**DROPS, Eaves Trough—See Ends and Drops, Eaves Trough**

**DROPS and PINS**

Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.

**DRUGGISTS' SIEVES—See Sieves, Druggists'**

**DRUMS, Toy**

Cass (N. D.) Co., Athol, Mass.  
Noble & Cooley Co., Granville, Mass.

**DRY ANIMAL GLUE—See Glue, Animal, Dry**

**DRY BATTERIES—See Batteries, Dry**

**DRY CLEANERS—See Compounds, Cleaning**

**DRY CLEANING COMPOUNDS—See Compounds, Dry Cleaning**

**DRY CLEANING FLUID—See Compounds, Dry Cleaning**

**DRY CLEANING MACHINES—See Machines, Dry Cleaning**

**DRY MEASURES—See Measures, Dry**

**DRY PASTES—See Pastes, Dry**

**DRY SHAVER BATTERIES—See Batteries, Shaver, Dry, Electric**

**DRY SHAVERS—See Shavers, Dry, Electric**

**DRYERS—See Varnishes**

**DRYERS, Clothes**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J. (Radiator)

Armstrong Co., 108 N. Water, Milwaukee, Wis. "New Art"

Bicknell (J. F.) Lumber Co., Worcester, Mass. (Lawn)

Canton Clothes Dryer Co., Canton, O. (Heated)

Chicago Curtain Stretcher Co., 3725 S. May, Chicago, Ill. "Dependable"

Clark (J. R.) Co., Minneapolis, Minn. "Gem-Boy," "Handy-Boy," "High-Boy," "Low-Boy," "Nursery," "Wall-Boy"

Clay Equipment Corp. (Drier Div.), 126 Clay Av., Cedar Falls, Ia. "Sunshine"

Concord Woodworking Co., W. Concord, Mass.

Correct Mfg. Co., Rochester, Pa.

Des Moines Fdry. & Mach. Co., Des Moines, Ia. "Handy-Line"

Durlack Can & Iron Works, 168 7th, B'klyn, N. Y.

Dillingham Mfg. Co., Sheboygan, Wis.

Eclipse Metal Mfg. Co., Eden, N. Y. "Emmco"

Ely Mfg. Co., Girard, Pa.

Erle City Mfg. Co., Erie, Pa.

Fernald Mfg. Co., North East, Pa. "Adjusto"

Fisher (Geo.) & Co., Rochester, N. Y. "Kwick-as-a-Wink," "Le Roy"

Gem Mfg. Co., North Girard, Pa. "Favorite"

Handy Things Mfg. Co., Ludington, Mich.

Hopkins (L.) Mfg. Co., N. Girard, Pa. "Beauty," "Star"

Howard Mfg. Co., Kent, Wash. "Crown"

Imperial Mfg. Co., Cambridge, O. (Revolving)

Lovell Mfg. Co., Erie, Pa. "Empire"

Majestic Can Corp., 296 Richardson, B'klyn, N. Y. (Ceiling)

Moulton Ladder Mfg. Co., 2-40 Harding, Somerville, Mass. (Yard Balcony, Window & Indoor)

National Metal Art Mfg. Co., Inc., 420 12th, B'klyn, N. Y.

O K Clothes Dryer Co., 509 W. 132nd, New York, N. Y. (Ceiling)

Rotary Clothes Dryer Co., Allentown, Pa.

Ro-Tite Mfg. Co., 1785 Wayside Rd., Cleveland, O. (Ceiling)

Royal Mfg. Co., 580 E. 138th, New York, N. Y. (Indoor Ceiling and Outdoor)

Runsend Wood-Products, Inc., Rochester, N. Y. "Economy"

Singer, M., 2525 Third Av., New York, N. Y. (Ceiling)

Union Steel Products Co., Albion, Mich. "Multi-Line"

United Metal Box Co., Inc., 168 7th, B'klyn, N. Y.

Wells (Frank B.) Co., Bristol, N. H. "Eureka" (Racks, Floor and Wall)

Western Newell Mfg. Co., Freeport, Ill. "Newell" Wood (H. G.) Mfg. Co., Dexter, Me. "Pease"

Young (J. O.) Co., Springfield, Mass.

**DRYERS, Clothes, Gas or Electric**

Scientific Heater Co., Cleveland, O.

Williamson Heater Co., Cincinnati, O. "Snow-White"

**DRYERS, Fishing Line**

Eclipse Mfg. Corp., 333 N. Michigan Av., Chicago, Ill.

Ideal Mfg. Co., Fredericksburg, Va. "Haislip's Taklbox"

**DRYERS and RACKS, Corn, Seed**

Capital Wire Co., Madison, Wis.

Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.

**DRYERS, Dish—See Drainers, Dish**

**DRYERS, Hair**

Chicago Flexible Shaft Co., Chicago, Ill. "Sunbeam" (Combination Heater)

Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"

Gilbert (A. C.) Co., New Haven, Conn. "Polar Cub"

Hamilton Beach Co., Racine, Wis.

Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "K M," "Kwikway"

Master Electric Co., 100 Davis Av., Dayton, O.

National Stamping & Electric Wks., Chicago, Ill. "White Cross"

Wahl Clipper Corp., Sterling, Ill.

Weinik-Made-Rite Co., 1814 E. 40th, Cleveland, O. "America," "Made-Rite"

Weldon Mfg. Co., 461 Broome, New York, N. Y.

**DUCK CALLS—See Calls, Duck**

**DUCK, Cotton**

Baker-Lockwood Mfg. Co., Kansas City, Mo.

Boyle (John) & Co., 112 Duane, New York, N. Y.

Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.

Clifton Mfg. Co., Waco, Tex. "Eureka"

Daniels (C. R.), Inc., 101 Crosby, New York, N. Y.

Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.

Hooper (Wm. E.) & Sons Co., Phila., Pa. "Hooper-wood"

Humphrys (R. A.) Sons, Inc., 1019 Callowhill, Phila., Pa.

Stanley (Wm. W.) Co., Inc., 359 B'way, New York, N. Y.

Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wenzel (Herman) Tent & Duck Co., St. Louis, Mo.  
Werner Canvas Products Co., 607 Bergen, B'klyn, N. Y.

**DUFFEL BAGS—See Bags, Duffel**

**DUMB-BELL HANGERS—See Hangers, Dumb-Bell**

**DUMB-BELLS**

Harkins (T. B.) Fdy. Co., Bristol, Pa.

Hellenberg (J. B.) Co., Inc., Coldwater, Mich.

Indiana Fdy. Co., Indiana, Pa.

Kupferle (John C.) Fdry. Co., St. Louis, Mo.

Levering Bros., Baltimore, Md.

Novelty Turnings Co., Norway, Me.

Rawlings Mfg. Co., St. Louis, Mo. (Iron)

Roanoke Iron & Bridge Wks., Roanoke, Va.

Sperry (D. R.) & Co., Batavia, Ill.

Stall & Dean Mfg. Co., Brockton, Mass.

Star Heel Plate Co., 357 Wilson Av., Newark, N. J.

Swett (A. L.) Iron Works, 149 Glenwood Av., Medina, N. Y.

Williams (A. C.) Co., Ravenna, O.

**DUMBWAITER ROPE—See Rope, Dumbwaiter**

**DUMBWAITERS, Hand Power**

Abell Elevator Co., Louisville, Ky.

Brewer Elevator Co., Boston, Mass.

Burwak Elevator Co., 237 Fulton, New York, N. Y.

Chelsea Elevator Co., 101 Park Av., New York, N. Y.

Cohoes Iron Foundry & Mach. Co., Cohoes, N. Y.

Elevator Supplies Co., Hoboken, N. J.

Energy Elevator Co., 217 New, Phila., Pa. "Heavy Duty," "Little Beauty," "Little Giant," "Rapid Transit"

Highwood Dumbwaiter Co., Closter, N. J. "High wood"

Kimball Bros. Co., Council Bluffs, Ia.

Lagerquist (Gust & Sons, Minneapolis, Minn.

Lee & Hoff Mfg. Co., St. Paul, Minn.

Marshall Elevator Co., Pittsburgh, Pa.

Miller (Wm. A.) Mach. & Elevator Co., St. Louis, Mo.

Montgomery Elevator Co., Moline, Ill.

Otis Elevator Co., 260 Eleventh Av., New York, N. Y.

Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y. "FDCG," "Sedg-Versal"

Sidney Elevator Mfg. Co., Sidney, O.

Speidel, John G., Reading, Pa.

Ward Elevator Co., Warsaw, N. Y.

Whitney (Vincent) Co., 130 10th, San Francisco, Cal. "Whitco"

**DUMBWAITERS, Electric**

Baldwin (James L.) & Co., 28 1/2 S. Clinton, Chicago, Ill.

Chelsea Elevator Co., 101 Park Av., New York, N. Y.

Davis & Newcomer Electric Elevator Co., Fortoria, O.

Elevators Supplies Co., Inc., Hoboken, N. J.

Energy Elevator Co., 217 New, Phila., Pa.

Kimball Bros. Co., Council Bluffs, Ia.

Lagerquist (Gus) & Sons, Minneapolis, Minn.

Otis Elevator Co., 260 11th Av., New York, N. Y.

Sedgwick Machine Wks., 160 W. 15th, New York, N. Y. "Roto-Waiter"

Sidney Elevator Mfg. Co., Sidney, O. "Auto-Safety"

**DUMBWAITERS, Restaurant**

Energy Elevator Co., 217 New, Phila., Pa.

Sedgwick Machine Wks., 160 W. 15th, New York, N. Y.

**DUMBWAITERS, Undercounter**

Energy Elevator Co., 217 New, Phila., Pa.

Sedgwick Machine Wks., 160 W. 15th, New York, N. Y.

**DUMPS, Ash, Fireplace**

Adams Co., Dubuque, Ia.

Avondale Stove & Fdry. Co., Birmingham, Ala.

Clark (H. W.) Co., Mattoon, Ill.

Donley Bros. Co., Cleveland, O.

Gabriel Steel Co., Detroit, Mich.

Hawes (S. M.) Co., Boston, Mass. "Stay-Flat"

Indiana Foundry Co., Indiana, Pa.

Kewanee Mfg. Co., Kewanee, Ill.

Leavitt Mfg. Co., Urbana, Ill.

Majestic Co., Huntington, Ind.

Porcupine Co., Fairfield, Conn.

Price-Evans Foundry Corp., Chattanooga, Tenn.

Stover Mfg. & Engine Co., Freeport, Ill.

Swett (A. L.) Iron Works, Medina, N. Y.

U. S. Hdwr. & Mfg. Co., Pawtucket, R. I.

**DUPLICATING MACHINES, Key—See Machines, Key Cutting**

**DUST BRUSHES—See Brushes, Dust**

**DUST CLOTHS—See Cloths, Dust**

**DUST AND OIL SEALS—See Seals, Oil and Dust**

**DUST MOPS—See Mops, Dust and Polishing**

**DUST PANS—See Pans, Dust**

**DUST RECEIVERS—See Receivers, Dust**



# FITLER ROPE



**SOLD BY JOBBERS  
AND DEALERS  
EVERYWHERE**

## **FITLER FIRST QUALITY PURE MANILA ROPE**

Uniform in size, properly lubricated throughout to resist internal friction, and impregnated thoroughly with a water repellent preparation which assures flexibility under all conditions and protection from the outside elements.

When you sell FITLER ROPE you supply your customers with ROPE that is Dependable and Sturdy enough for the toughest job.

## **WM. PENN BRAND PURE MANILA ROPE**



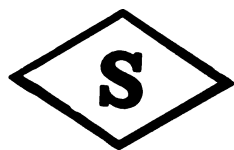
Made from good, long fibre, Pure Manila Hemp, blended to produce Tensile Strength and Durability. Lubricated against internal friction and treated with a water repellent preparation to keep it

flexible, wet or dry. Easily identified by the Green and White Colored Yarn Trade Mark on the inside of all sizes.



## **FITLER BRAND JAVA SISAL ROPE—STAINLESS**

First Quality—No. 1 Sisal Rope, made from Sisal Fibre—Fitler quality construction throughout.



## **DIAMOND "S" BRAND SISAL ROPE—STAINLESS**

A close second to Fitler Brand Sisal Rope. Made of good quality Sisal Fibre.

The New Patented Controlled Self-Lubricating Green Yarn Center Fitler Rope is now available in all of the larger sizes.

## **OTHER FITLER PRODUCTS**

Fitler Manila Drilling Cables  
Fitler Manila Transmission Rope  
Fitler (Wet-pruf) Manila Rope

Manila Yacht Rope  
Manila Lariat Rope  
Shingle Yarn  
Lath Yarn

## **3 STRAND, MEDIUM LAY SPECIFICATIONS**

DIAMETER SIZE IN INCHES	CORRU- PTED SIZE	NET WEIGHT PER 100 FEET IN POUNDS	GROSS WEIGHT STOCK COILS POUNDS	NUMBER OF FEET PER POUND	TENSILE STRENGTH NEW ROPE, POUNDS
3/16	Fin 6 Thread	1.31	50	77.0	450
1/4	6 "	1.75	50	57.0	600
5/16	9 "	2.58	50	39.0	1,000
3/8	12 "	3.63	50	27.5	1,350
7/16	15 "	5.3	63	19.0	1,750
15/32	18 "	6.3	75	16.0	2,250
1/2	1 1/2 inch	7.5	90	13.3	2,650
5/8	1 3/4 "	10.4	125	9.61	3,450
3/4	2 "	13.3	160	7.50	4,400
7/8	2 1/4 "	16.7	200	6.00	5,400
15/16	2 1/2 "	19.5	234	5.13	6,500
1	2 3/4 "	22.5	270	4.45	7,700
1 1/16	3 "	27.0	324	3.71	9,000
1 1/8	3 1/4 "	31.3	375	3.20	10,500
1 1/4	3 1/2 "	36.0	432	2.78	12,000
1 1/2	3 3/4 "	41.8	502	2.40	13,500
1 5/8	4 "	48.0	576	2.09	15,000
1 3/4	4 1/2 "	60.0	720	1.67	18,500
1 7/8	5 "	74.4	893	1.34	22,500
2	5 1/2 "	89.5	1073	1.12	26,500
2 1/8	6 "	108.0	1290	.93	31,000
2 1/4	6 1/2 "	125.3	1503	.80	36,000
2 1/2	7 "	146.0	1752	.685	41,000
2 3/4	7 1/2 "	167.0	2004	.600	46,500
2 7/8	8 "	191.0	2290	.524	52,000
3	8 1/2 "	215.0	2580	.465	58,000
3 1/8	9 "	242.0	2900	.414	64,000
3 1/4	9 1/2 "	269.0	3225	.372	71,000
3 1/2	10 "	299.0	3590	.335	77,000
3 3/4	11 "	367.0	4400	.273	91,000
3 7/8	12 "	436.0	5225	.230	105,000

4 Strand (medium lay) approximately same Tensile Strength as 3 Strand, but 5 to 7% heavier.  
Working Strain approximately 1/5 of the Tensile Strength.

## **FITLER BRAND MANILA ROPE**

Is Trade-Marked for your protection and easily identified by the Blue and Yellow Colored Yarn (Reg. U. S. Pat. Off.). Trade Mark on the outside of 5/8" diameter and larger sizes, and on the inside of all smaller sizes.



# THE EDWIN H. FITLER CO.

Established 1804

PHILADELPHIA, PA.

Established 1804

ST. LOUIS LOS ANGELES NEW YORK CHICAGO NEW ORLEANS HOUSTON

Mention Hardware Age When Writing



# "AMES"

## PRODUCTS

SHOVELS SPADES SCOOPS  
FORKS HOES RAKES  
POST HOLE DIGGERS  
AGRICULTURAL HANDLES



**PLAIN BACK SHOVELS**



**SOLID SHANK SHOVELS**



**RIVETLESS SOCKET COAL SHOVELS & SCOOPS**



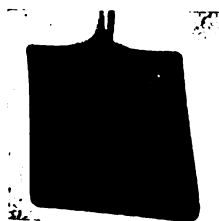
### ELECTRIC WELDING

Front and back straps are electric welded to blade. This electric weld maintains 99% of the strength of the virgin metal. In Plain Back shovels, look to the welding for service. Electric welding is an exclusive "Ames" feature.



### SHOCK BAND

The "Ames" Shock Band is an exclusive feature of "Ames" Solid Shank Shovels. It increases the handle strength. Applied above and below the socket it reinforces the handle at the point of greatest strain.



### RIVETLESS SOCKET

The handle is fastened to the scoop by a rivet at the frog. Back of socket is welded to 2" from the top. End of handle is reinforced with steel cap. Elimination of rivets from socket provides a smooth surface for hand to slide over. Assures less possibility of handle breakage at socket.

## SHOVELS, SPADES & SCOOPS

The "Ames" Line of Shovels, Spades and Scoops is the most complete line available. It consists of Plain Back, Solid Shank, Solid Socket, Socket Shank, Taper Rolled, Closed Back, Hollow Back and Rivetless Socket styles. All styles are supplied in Alloy, A, B and C grades except Solid Socket which is manufactured in A Grade only.

The finest steel obtainable is used and the important heat treatment of "Ames" Shovels gives them their extra hardness and toughness to resist wear. Handles are of Northern Ash. The many features embodied in "Ames" shovels make them the finest and most satisfactory tools on the market. Backed by one hundred and sixty-six years of shovel making experience "Ames" Shovels, Spades and Scoops are still the leaders in their field.

### FAMOUS ARMOR-D HANDLE

An armor of steel surrounds and locks the wooden fork. Provides smooth surface and adds strength to the handle. It is the most perfect handle yet invented. There is no wobble to an Armor-D Handle.



## FORKS, HOES and RAKES

### "Ames" Complete Line of Steel Goods

In appearance, quality and serviceability, the "Ames" line of Forks, Hoes and Rakes is of the highest possible standard. The use of special steel gives unusual strength and ability to resist wear. The steel is heat treated which insures hardness and toughness so necessary to long service.

A feature of "Ames" Forks is the new "Ames" Solid Shank, one piece construction, which gives added strength, and a perfect balance. Socket and head are made as one unit, forged from bar steel. Here is a line of steel goods which assures consumer satisfaction.

### DIE PRESSED LABELS

"Ames" labels are die pressed into the wood in two colors. They can't come off or become mutilated. Are as permanent as the handle itself and add greatly to appearance of tool.

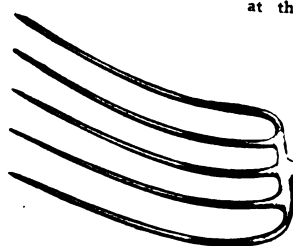


## AMES BALDWIN WYOMING CO.

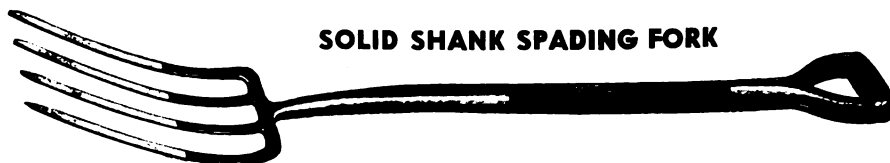
Parkersburg, W. Va.

North Easton, Mass.

### FIVE TINE SOLID SHANK MANURE FORK



### SOLID SHANK SPADING FORK



*Ask Your Jobber*

Mention Hardware Age When Writing

★ For Description of Products see Index starting on page 3 ★



# STA-TITE and BACK-SAVER SNATHS

"ARE THE MOST POPULAR SNATHS IN THE WORLD"

## STA-TITE SNATHS SELL AT A PROFIT

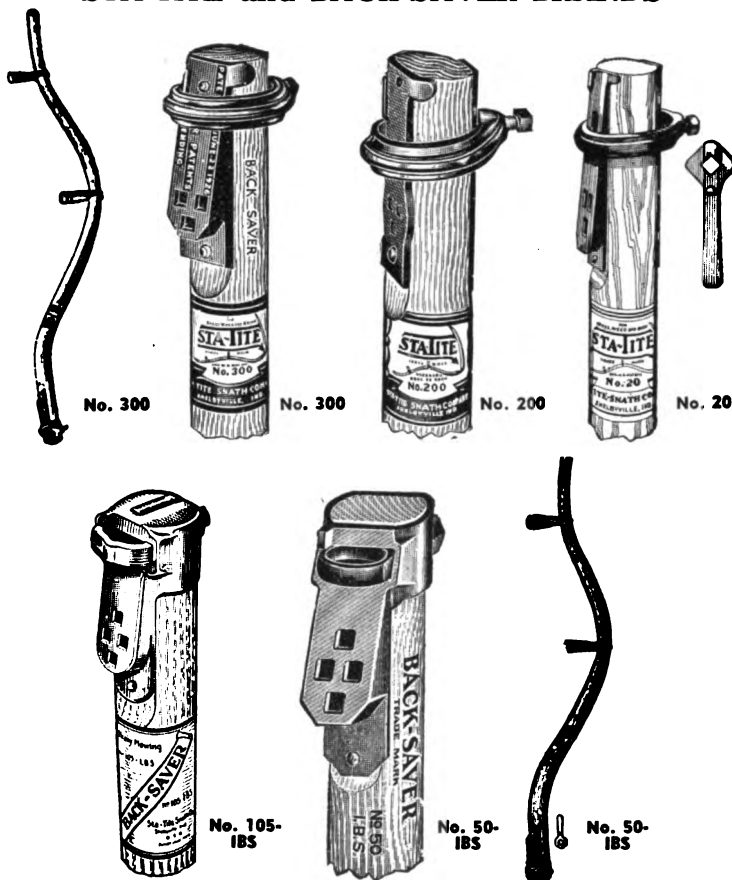
Snaths illustrated are genuine STA-TITE and BACK-SAVER, equipped with the patented BACK-SAVER heel-plate, eliminates stooping and makes mowing 50% easier. These are trade-marked snaths, carrying attractive profits for independent merchants.

We sell only to legitimate hardware jobbers—Never to Chain Stores or Mail Order Houses. Eliminate cut price competition with this dependable merchandise, fairly priced.

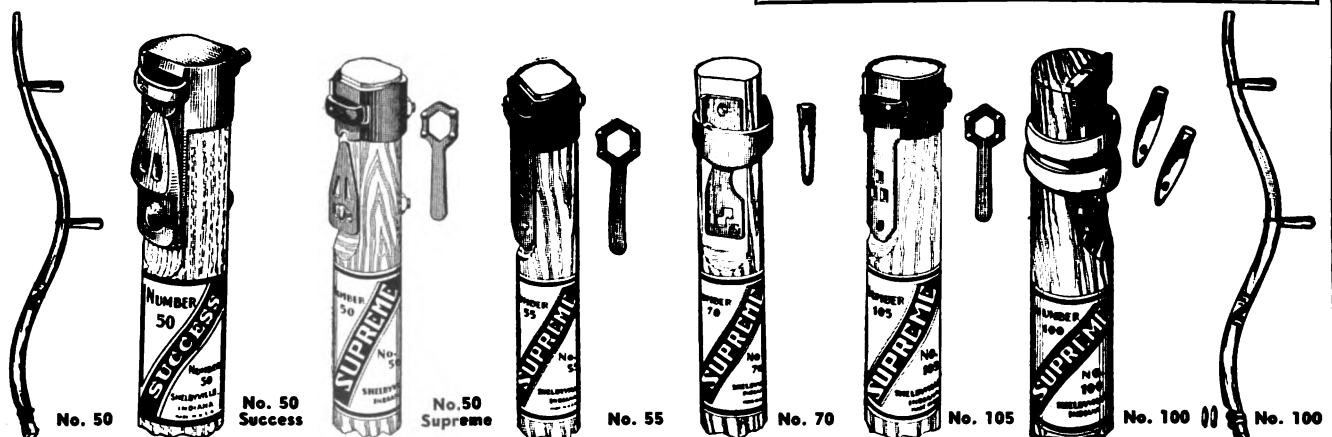
Send for literature and prices.

STA-TITE SNATH CO., SHELBYVILLE, IND.

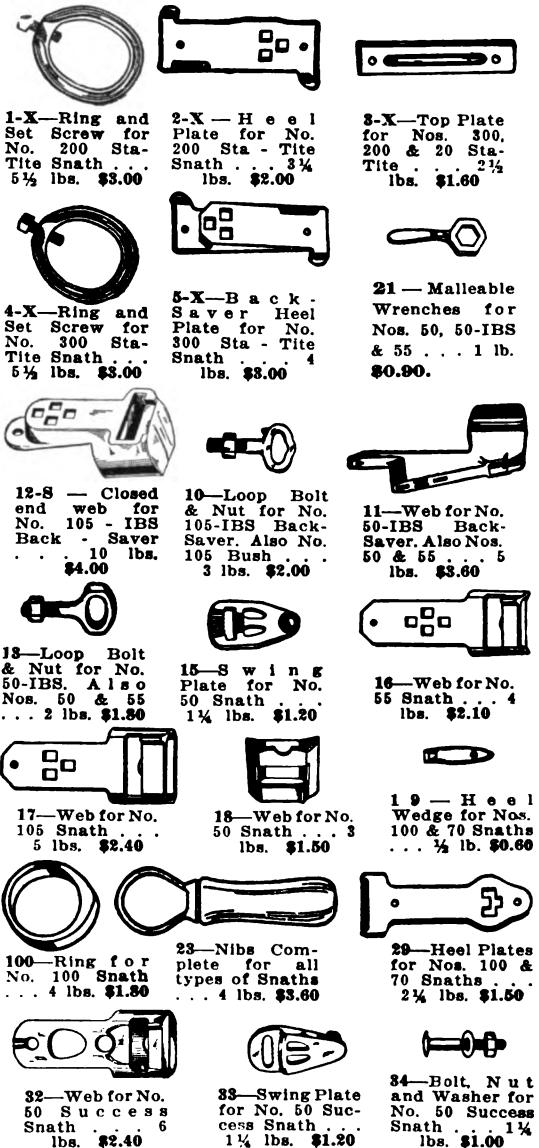
## STA-TITE and BACK-SAVER BRANDS



## SUCCESS AND SUPREME BRANDS



PARTS LISTED ARE INTERCHANGEABLE  
WITH VARIOUS TYPES AS INDICATED  
(Weights and list prices based on dozen quantities)  
PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Mention Hardware Age When Writing

**ELBOWS, Stove Pipe and Furnace Pipe**  
(Continued)

La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Lyman, H. B., Southampton, Mass.  
Meyer (F.) & Bro. Co., Peoria, Ill. "Handy"  
Milcor Steel Co., Milwaukee, Wis.  
Norcor Mfg. Co., Green Bay, Wis.  
Northwest Metal Products, Inc., Seattle, Wash. "Norwesco"  
Ohio Stove Pipe & Mfg. Co., 2104 Woodland Av., Cleveland, O. "Ohio" (Chrome, Nickel & Aluminum)  
Parkersburg Iron & Steel Co., Parkersburg, W. Va. "Acme"  
Penn Supply & Metal Corp., 948 N. 8th, Phila., Pa.  
Reeves Steel & Mfg. Co., Dover, O.  
Sheet Metal Specialty Co., Pittsburgh, Pa. "Security" (Chrome & Nickel)  
Sauter (R. E.) Iron Co., St. Louis, Mo.  
Stratton & Tustegge Co., Inc., Mfg. Div., Louisville, Ky. "Falla City"  
Tiffin Art Metal Co., Tiffin, O.  
Twickler (Wm.) & Sons, Inc., 4530 Magazine, New Orleans, La. "South-Stat"  
Wheeling Corrugating Co., Wheeling, W. Va.  
Wilder Mfg. Co., 2001 S. Main, Niles, O. "Wildergloss"  
Williams-Wallace Co., 160 Hooper, San Francisco, Cal.  
**ELECTRIC APPLIANCE COVERS**—See Covers, Electric Appliance  
**ELECTRIC APPLIANCE TABLES**—See Tables, Electric Appliance  
**ELECTRIC AQUARIUM HEATERS**—See Heaters, Aquariums, Electric  
**ELECTRIC ARC WELDERS**—See Welders, Electric Arc, Portable  
**ELECTRIC ATTACHMENT PLUGS**—See Plugs, Attachment, Electric  
**ELECTRIC ATTIC FANS**—See Fans, Attic, Electric  
**ELECTRIC AUTOMATIC TOASTERS**—See Toasters, Automatic, Electric  
**ELECTRIC BELLS**—See Bells and Buzzers, Electric; also Bells, Door  
**ELECTRIC BICYCLE LAMPS**—See Lamps, Bicycle, Electric  
**ELECTRIC BULBS**—See Lamps or Bulbs, Electric  
**ELECTRIC BURNING BRANDS**—See Brands, Burning, Electric  
**ELECTRIC BUZZERS**—See Bells and Buzzers, Electric  
**ELECTRIC CEILING PULL SWITCHES**—See Switches, Ceiling Pull, Electric  
**ELECTRIC CHRISTMAS CANDLES**—See Candles, Christmas, Electric  
**ELECTRIC CHRISTMAS TREE LAMP OUTFITS**—See Outfits, Christmas Tree, Electric  
**ELECTRIC CHURNS**—See Churns, Electric  
**ELECTRIC CIGAR LIGHTERS**—See Lighters, Cigar, Electric  
**ELECTRIC CLIPPING, GROOMING and SHEARING MACHINES**—See Machines, Clipping  
**ELECTRIC CLOCK HANGER OUTLETS**—See Outlets, Electric, Clock Hanger  
**ELECTRIC CLOCKS**—See Clocks, Electric  
**ELECTRIC CLOTHES DRYERS**—See Dryers, Clothes, Gas or Electric  
**ELECTRIC CLOTHES WASHING MACHINES**—See Washing Machines, Clothes, Electric  
**ELECTRIC CLOTHES WRINGERS**—See Wringers, Clothes, Electric  
**ELECTRIC COAL and GAS COMBINATION RANGES**—See Ranges, Coal, Gas and Electric Combination  
**ELECTRIC CONDUIT BOXES**—See Boxes, Conduit  
**ELECTRIC COOKERS**—See Cookers, Electric  
**ELECTRIC CORD SETS**—See Sets, Cord, Electric  
**ELECTRIC CORD SWITCHES**—See Switches, Cord, Electric  
**ELECTRIC CURLING IRONS**—See Irons, Curling, Electric  
**ELECTRIC CURRENT TAPS**—See Taps, Electric Current  
**ELECTRIC CUT-OUT BOXES**—See Boxes, Electric Service, Cut Out, Junction, Fuse, Outlet, Switch, Etc.  
**ELECTRIC CUT-OUT FUSE BASES**—See Bases, Fuse, Cut-Out, Electric  
**ELECTRIC DEFROSTING CLOCKS**—See Refrigerator Defrosting Clock  
**ELECTRIC DEODORIZERS**—See Deodorizers, Electric  
**ELECTRIC DISHWASHERS**—See Washing Machines, Dish, Electric  
**ELECTRIC DISH WASHING MACHINES**—See Washing Machines, Dish  
**ELECTRIC DOOR CHIMES**—See Chimes, Door, Electric  
**ELECTRIC DOOR OPENERS**—See Openers, Door, Electric  
**ELECTRIC DRILL STANDS**—See Stands, Drill, Electric  
**ELECTRIC DRILLS**—See Drills, Grinders and Polishers  
**ELECTRIC DRY SHAVER BATTERIES**—See Batteries, Shaver, Dry, Electric

**ELECTRIC DRY SHAVERS**—See Shavers, Dry, Electric  
**ELECTRIC DUMB WAITERS**—See Dumb Waiters, Electric  
**ELECTRIC EARTHWORM EXTRACTORS**—See Worm Charmers, Electric  
**ELECTRIC EGG COOKERS**—See Cookers, Egg, Electric  
**ELECTRIC ENGINES, Toy**—See Engines, Toy  
**ELECTRIC EXTENSION CORD**—See Cord, Extension, Electric  
**ELECTRIC EXTRACTORS**—See Mixers, Whippers and Extractors, Electric  
**ELECTRIC EYES**—See Relays, Photo-Electric  
**ELECTRIC FANS**—See Fans, Electric  
**ELECTRIC FENCE ACCESSORIES**—See Accessories, Fence, Electric  
**ELECTRIC FENCE CONTROLLERS**—See Controllers, Fence, Electric  
**ELECTRIC FENCE INSULATORS**—See Insulators, Electric Fence  
**ELECTRIC FENCE LIGHTNING ARRESTERS**—See Arresters, Lightning, Electric Fence  
**ELECTRIC FIRE PLACE LOGS**—See Logs, Electric, Fire Place  
**ELECTRIC FIXTURE HANGING HICKEYS**—See Hickeys, Fixture Hanging, Electric  
**ELECTRIC FIXTURE OUTLETS**—See Outlets, Fixture  
**ELECTRIC FIXTURE STUDS**—See Studs, Fixture, Electric  
**ELECTRIC FIXTURE SWITCHES**—See Switches, Fixture, Electric  
**ELECTRIC FLASHERS**—See Flashers, Electric  
**ELECTRIC FLASHLIGHTS**—See Flashlights  
**ELECTRIC FLOOR POLISHING, SCRUBBING, STEEL WOOLING, WAXING MACHINES**—See Machines, Polishing, Scrubbing, Steel Wooling, Waxing, Floor, Electric  
**ELECTRIC FLOOR SANDING, SURFACING and EDGING MACHINES**—See Machines, Sanding, Surfacing and Edging, Floor, Electric  
**ELECTRIC FLUSH PUSH SWITCHES**—See Switches, Flush Push, Electric  
**ELECTRIC FLUSH RECEPTACLES**—See Receptacles, Flush  
**ELECTRIC FLUSH TOGGLE SWITCHES**—See Switches, Flush Toggle, Electric  
**ELECTRIC FLY TRAPS**—See Traps, Insect, Electric  
**ELECTRIC FOOD MIXERS**—See Mixers, Whippers & Extractors, Electric  
**ELECTRIC FUSE BOXES**—See Boxes, Electric Service, Cut Out, Junction, Fuse, Outlet, Switch, Etc.  
**ELECTRIC FUSE LINKS**—See Links, Fuse, Electric  
**ELECTRIC FUSE WIRE**—See Wire, Fuse, Electric  
**ELECTRIC FUSES**—See Fuses, Plug, Electric; also Fuses, Cartridge, Non-Renewable, Electric; also Fuses, Cartridge, Renewable, Electric  
**ELECTRIC GARAGE DOOR OPENERS**—See Openers, Garage Door  
**ELECTRIC GRINDERS**—See Drills, Grinders and Polishers  
**ELECTRIC HAIR CLIPPERS**—See Clippers, Hair, Electric  
**ELECTRIC HAMMER TOOLS**—See Tools, Electric Hammer  
**ELECTRIC HAND LAMPS**—See Lamps, Electric, Hand  
**ELECTRIC HAND LANTERNS**—See Lanterns, Hand, Electric  
**ELECTRIC HAND SAWS**—See Saws, Hand, Electric  
**ELECTRIC HAND VACUUM CLEANERS**—See Cleaners, Vacuum, Hand, Electric  
**ELECTRIC HANG-UP LAMPS**—See Lamps, Electric, Wall  
**ELECTRIC HEATERS**—See Heaters, Electric  
**ELECTRIC HEATING BLANKETS**—See Blankets, Heating, Electric  
**ELECTRIC HEATING ELEMENTS**—See Elements, Electric Heating  
**ELECTRIC HEATING PADS**—See Pads, Heating, Electric  
**ELECTRIC HEATING PLIERS**—See Pliers, Heating, Electric  
**ELECTRIC HEDGE SHEARS**—See Shears, Hedges, Electric  
**ELECTRIC HEDGE TRIMMERS**—See Trimmers, Hedge, Electric  
**ELECTRIC HOMECRAFT TOOLS**—See Tools, Homecraft, Electric; also Article desired  
**ELECTRIC HORNS**—See Horns, Mechanical  
**ELECTRIC HOT BED HEATERS**—See Heaters, Hot Bed, Electric  
**ELECTRIC HOUSE PUMPS**—See Pumps, House, Electric  
**ELECTRIC ICE CREAM FREEZERS**—See Freezers, Ice Cream, Electric  
**ELECTRIC ILLUMINATED HOUSE NUMBERS**—See Numbers, House, Illuminated, Electric

**ELECTRIC ILLUMINATED SIGNS**—See Signs, Illuminated, Electric  
**ELECTRIC INSECT TRAPS**—See Traps, Insect, Electric  
**ELECTRIC INSPECTION LAMPS**—See Lamps, Electric, Hand or Inspection  
**ELECTRIC IRONERS**—See Ironers, Electric  
**ELECTRIC IRONS**—See Irons, Ssd, Electric  
**ELECTRIC JUNCTION BOXES**—See Boxes, Electric Service, Cut Out, Junction, Fuse, Outlet, Switch, Etc.  
**ELECTRIC KITCHEN WASTE DISPOSAL UNITS**—See Units, Kitchen Waste Disposal, Electric  
**ELECTRIC KNIFE SWITCHES**—See Switches, Baby Knife  
**ELECTRIC LAMP CHANGERS**—See Changers, Electric Lamp  
**ELECTRIC LAMP CORD**—See Cord, Lamp, and Heater, Electric  
**ELECTRIC LAMP GUARDS**—See Guards, Electric Lamp  
**ELECTRIC LAMPS or BULBS**—See Lamps or Bulbs, Electric  
**ELECTRIC LAMP HOODS**—See Hoods, Electric Lamp  
**ELECTRIC LAMP SOCKETS**—See Sockets, Lamp  
**ELECTRIC LANTERNS**—See Lanterns, Hand, Electric; also Flashlights  
**ELECTRIC LAWN MOWERS**—See Mowers, Power, Electric  
**ELECTRIC LIGHT FIXTURES**—See Fixtures, Electric Light  
**ELECTRIC LIGHT REFLECTORS**—See Reflectors, Electric Light  
**ELECTRIC LIGHTING PLANTS**—See Lighting Plants, Farm, Electric  
**ELECTRIC LIQUEFIER MIXERS**—See Mixers, Liquefier, Electric  
**ELECTRIC LIVE STOCK PRODS**—See Prods, Live Stock, Electric  
**ELECTRIC METAL FITTINGS and MOULDING**—See Mouldings and Fittings, Metal, Electric  
**ELECTRIC MILK WARMERS**—See Warmers, Milk, Electric  
**ELECTRIC MIXERS, WHIPPERS and EXTRACTORS**—See Mixers, Whippers and Extractors, Electric  
**ELECTRIC MOTH VAPORIZERS**—See Vaporizers, Moth, Electric  
**ELECTRIC MOTORS**—See Motors, Electric  
**ELECTRIC MOTORS, Toy**—See Motors, Electric, Toy  
**ELECTRIC NON - RENEWABLE CARTRIDGE FUSES**—See Fuses, Cartridge, Non-Renewable, Electric  
**ELECTRIC OIL BURNER LIGHTERS**—See Lighters, Oil Burner, Electric  
**ELECTRIC OUTLET BOXES**—See Boxes, Electric Service, Cut-Out, Junction, Fuse, Outlet, Switch, Etc.  
**ELECTRIC PAINT BRUSH CLEANERS**—See Cleaners, Brush, Paint, Electric  
**ELECTRIC PAINT MIXERS**—See Mixers, Paint, Electric  
**ELECTRIC PAINT REMOVERS**—See Removers, Paint, Electric  
**ELECTRIC PENCILS**—See Pencils, Electric  
**ELECTRIC-PHOTO RELAYS**—See Relays, Photo-Electric  
**ELECTRIC PLATES**—See Plates, Hot, Electric, Gas, etc.  
**ELECTRIC PLUG FUSES**—See Fuses, Plug, Electric  
**ELECTRIC POLISHERS**—See Drills, Grinders and Polishers  
**ELECTRIC PORTABLE BENCH SANDERS**—See Sanders, Bench, Electric, Portable  
**ELECTRIC PORTABLE BLOCK RE-LEVELING MACHINES**—See Machines, Block Re-Leveling, Portable, Electric  
**ELECTRIC PORTABLE BLOWERS**—See Blowers, Electric, Portable  
**ELECTRIC PORTABLE BLOWING and SUCTION EQUIPMENT**—See Equipment, Blowing and Suction, Electric, Portable  
**ELECTRIC PORTABLE CERAMIC DRILLS**—See Drills, Ceramic, Portable, Electric  
**ELECTRIC PORTABLE DRILLS**—See Drills, Grinders, Polishers, Electric, Portable  
**ELECTRIC PORTABLE HAMMERS**—See Hammers, Electric Portable  
**ELECTRIC PORTABLE HAND GRINDERS**—See Grinders, Hand, Electric Portable  
**ELECTRIC PORTABLE HOMECRAFT TOOLS**—See Tools, Homecraft, Electric  
**ELECTRIC PORTABLE JOINTERS**—See Jointers, Electric, Portable, Homecraft  
**ELECTRIC PORTABLE LAMPS**—See Lamps, Electric, Wall; also Lamps, Electric, Floor and Table  
**ELECTRIC PORTABLE METAL SHEARS**—See Shears, Metal, Electric, Portable  
**ELECTRIC PORTABLE OUTLETS**—See Outlets, Electric, Portable  
**ELECTRIC PORTABLE PLANERS**—See Jointers, Electric, Portable, Homecraft

# IF YOU'RE LOOKING FOR *Extra* SALES



## THERE ARE 12 IN EVERY CARTON OF ACME TACK-POINT CORRUGATED FASTENERS



*Why?* Everyone who uses a hammer is a prospective customer. Homeowners, carpenters, cabinet-makers, anyone who works with wood—has a need for this handy item. The attractive display carton acts as a reminder to your custom-

ers—proving a valuable source of extra sales to you.

ers—proving a valuable source of extra sales to you.

Acme Tack-Point Corrugated Fasteners can be used for repairing furniture, making screens, cabinets and numerous other wooden articles. This wide use makes them a "natural." Give them a chance to sell for you — they'll keep your cash register ringing with extra sales.

## ACME EMBOSSED BOX STRAPPING

Has wide use as reinforcement for wooden cases and crates. The staggered bosses protect the nail heads. Available without or with nail holes punched  $1\frac{1}{2}$  inches apart. Made in six sizes and wound in coils of 300 feet. Each coil has convenient holder for easy mounting in shipping room. Sold in case lots. Mail the coupon for details.



## PENETRATE BUT DO NOT CRUSH THE WOOD FIBERS

It's the Tack-Point feature of Acme Fasteners that makes driving so easy. The sharp cutting edges penetrate but do not crush the wood fibers. Fasteners are available in two types: parallel and divergent. The divergent tend to

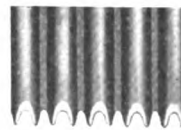
draw the two pieces of wood closer together, assuring stronger joints.



## ACME CORRUGATED FASTENERS WERE FIRST ON THE MARKET

Acme manufactured the first Tack-Point Corrugated Fasteners on the market. Their sturdy strength and econ-

omy have resulted in mounting customer satisfaction for a period of more than 40 years.



## PACKAGED IN THREE POPULAR SIZES

50 fasteners of one size to a box— $\frac{3}{8} \times 4$ ,  $1\frac{1}{2} \times 5$  or  $\frac{5}{8} \times 5$ . The display carton contains 12 boxes. For larger requirements: standard cartons of 250, 500, and 1000 fasteners; boxes of 100

Fasteners, 10 boxes to a carton; and in 100-lb. kegs. Mail the coupon for free sample and judge their money-making opportunities for yourself.

## ACME STEEL COMPANY

2838 ARCHER AVENUE, CHICAGO  
103 PARK AVENUE, NEW YORK  
432 BRYANT ST., SAN FRANCISCO

Branches and Sales Offices in other Principal Cities

Acme Steel Company  
2838 Archer Ave.,  
Chicago, Ill.

( ) Send samples of Acme Tack-Point Corrugated Fasteners and complete information.  
( ) Send details about Acme Embossed Box Strapping.

Name .....  
Address .....  
City ..... State .....



**ELECTRIC PORTABLE RANGES**—See Ranges, Electric, Portable  
**ELECTRIC PORTABLE ROUTERS**—See Routers, Electric, Portable, Homcraft  
**ELECTRIC PORTABLE SHAPERS**—See Shapers, Electric, Portable, Homcraft  
**ELECTRIC POWER ATTACHMENTS**—See Elevator Power Attachments  
**ELECTRIC POWER MOWERS**—See Mowers, Power, Electric  
**ELECTRIC PULL CHAIN PENDANTS**—See Pendants, Electric Pull Chain  
**ELECTRIC PUTTY REMOVERS**—See Removers, Putty, Electric  
**ELECTRIC RANGE HEATER UNITS**—See Units, Range Heater  
**ELECTRIC RANGE SWITCHES**—See Switches, Range, Electric  
**ELECTRIC RANGES**—See Ranges, Electric  
**ELECTRIC RAZORS**—See Shavers, Dry, Electric  
**ELECTRIC REDUCER SOCKETS**—See Sockets, Reducer  
**ELECTRIC REFRIGERATOR DEFROSTING CLOCKS**—See Refrigerator Defrosting Clock  
**ELECTRIC REFRIGERATORS**—See Refrigerators, Electric  
**ELECTRIC RENEWABLE CARTRIDGE FUSES**—See Fuses, Cartridges, Renewable, Electric  
**ELECTRIC RESIDENCE ELEVATORS**—See Elevators, Residence, Electric  
**ELECTRIC RIGID CONDUIT**—See Conduit, Rigid, Steel  
**ELECTRIC SAD IRONS**—See Irons, Sad, Electric  
**ELECTRIC SAFETY NIGHT LIGHTS**—See Lights, Night, Safety, Electric  
**ELECTRIC SAFETY RAZORS**—See Shavers, Dry, Electric  
**ELECTRIC SANDWICH TOASTERS**—See Toasters, Sandwich, Electric  
**ELECTRIC SAWS, HAND**—See Saws, Hand, Electric  
**ELECTRIC SCREW DRIVERS**—See Screw Drivers, Electric  
**ELECTRIC SERVICE BOXES**—See Boxes, Electric Service, Cut-Out, Junction Fuse, Outlet, Switch, Etc.  
**ELECTRIC SEWING MACHINES**—See Sewing Machines, Electric  
**ELECTRIC SHAVERS**—See Shavers, Dry, Electric  
**ELECTRIC SIGNAL LAMPS**—See Lamps, Signal, Electric  
**ELECTRIC SIGNALING SYSTEMS**—See Signaling Systems  
**ELECTRIC SOCKET PLUGS**—See Plugs, Socket, Electric  
**ELECTRIC SOIL HEATING EQUIPMENT**—See Heaters, Hot Bed, Electric  
**ELECTRIC SOLDERING IRON STANDS**—See Stands, Iron, Soldering, Electric  
**ELECTRIC SPRAYERS**—See Sprayers, Electric  
**ELECTRIC SPRAYING INSECTICIDE MACHINES**—See Machines, Insecticide Spraying Electric  
**ELECTRIC STATIC LAMPS**—See Traps, Insect, Electric  
**ELECTRIC STEAM RADIATORS**—See Radiators, Steam, Electric  
**ELECTRIC STEAM SAD IRONS**—See Irons, Sad, Steam, Electric  
**ELECTRIC STOCKMEN'S CANES**—See Canes, Stockmen's, Electric  
**ELECTRIC STOVES**—See Stoves, Table, Electric  
**ELECTRIC SURFACE PLANERS**—See Planers, Surface, Electric, Homcraft  
**ELECTRIC SURFACE SNAP SWITCHES**—See Switches, Surface, Snap, Electric  
**ELECTRIC SWITCH BOXES**—See Boxes, Electric Service, Cut-Out, Junction, Fuse, Outlet, Switch, Etc.  
**ELECTRIC SWITCH FLUSH PLATES**—See Plates, Flush Switch  
**ELECTRIC TESTERS**—See Testers, Electric  
**ELECTRIC TIME SWITCH CLOCKS**—See Clocks, Time, Switch  
**ELECTRIC TIMERS, Automatic**—See Clocks, Time, Switch  
**ELECTRIC TOASTERS**—See Toasters, Electric; Also Toasters, Automatic, Electric  
**ELECTRIC TOOLS**—See Drills, Grinders & Polishers, Electric, Portable  
**ELECTRIC TOY TRAINS**—See Trains, Electric, Toy  
**ELECTRIC TRANSFORMERS, Toy**—See Transformers, Electric, Toy  
**ELECTRIC TROUSER PRESSERS**—See Pressers, Trousers, Electric  
**ELECTRIC VACUUM CLEANERS**—See Cleaners, Vacuum, Electric  
**ELECTRIC WAFFLE BAKER**—See Baker, Waffle, Electric  
**ELECTRIC WALL LAMPS**—See Lamps, Wall

**ELECTRIC WASHING MACHINES**—See Washing Machines, Clothes, Electric; also Washing Machines, Clothes, Toy; also Washing Machines, Dish  
**ELECTRIC WATER HEATERS**—See Heaters, Water, Electric  
**ELECTRIC WHIPPERS**—See Mixers, Whippers & Extractors, Electric  
**ELECTRIC WINDOW SCREENS**—See Screens, Window, Electric  
**ELECTRIC WINDOW VENTILATORS**—See Ventilators, Window, Electric  
**ELECTRIC WIRE CUTTERS**—See Cutters, Wire, Electric  
**ELECTRIC WIRE MEASURING MACHINES**—See Measuring Machines, Electric Wire  
**ELECTRIC WOOD CARVERS**—See Carvers, Wood, Electric, Homcraft  
**ELECTRIC WOOD CARVING TOOLS**—See Carvers, Wood, Electric, Homcraft  
**ELECTRIC WORM CHARMERS**—See Worm Charmers, Electric  
**ELECTRIC WORM RODS**—See Worm Charmers, Electric  
**ELECTRICAL HOUSEHOLD SPECIALTIES**—See article desired  
**ELECTRICAL METALLIC TUBING**—See Tubing, Electrical Metallic  
**ELECTRICAL REFRIGERATOR UNITS**—See Units, Refrigerator, Electrical  
**ELECTRICAL TOYS**—See Mechanical Toys  
**ELECTRICALLY CHARGED FENCE**—See Controllers, Fence, Electric  
**ELECTRICIANS' BITS**—See Drills and Bits, Electricians'  
**ELECTRICIANS' CHISELS**—See Chisels, Electricians'  
**ELECTRICIANS' CLEATS**—See Cleats, Wiring  
**ELECTRICIANS' DRILLS**—See Drills and Bits, Electricians'  
**ELECTRICIANS' KNIVES**—See Knives, Electricians'  
**ELECTRICIANS' PLIERS**—See Pliers, Linemen's and Electricians'  
**ELECTRICIANS' SCREW DRIVERS**—See Screw Drivers, Insulated  
**ELECTRICIANS' STAPLES**—See Staples, Insulated  
**ELECTRICIANS' TOOL BAGS**—See Bags or Rolls, Tool  
**ELECTRO PLATING OUTFITS**—See Plating, Electro, Brush Method  
**ELECTROCUTORS, INSECT**—See Traps, Insect, Electric

**ELECTROTYPES, for Retail Advertising**  
 Edwards (Vincent) & Co., 342 Madison Av., New York, N. Y.  
 Shinn, Cobb, 40 Jackson Place, Indianapolis, Ind.

#### ELEMENTS, Electric Heating

Carborundum Co., Niagara Falls, N. Y. "Globar"  
 Dalton-Marsh Co., Danvers, Mass. "Champion"  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., 59 Hall, Bklyn., N. Y.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
 Landers, Frary & Clark, New Britain, Conn.  
 Mabey Electric Mfg. Co., Peoria, Ill.  
 Marks Products Co., Inc., 84 N. 9th, B'klyn., N. Y. "Snapit"  
 Stern-Brown, Inc., 42-24 Orchard, Long Island City, N. Y. "Superstar"  
 Westinghouse Electric & Mfg. Co., Mansfield, O.  
**ELEVATING HAND TRUCKS**—See Trucks, Hand, Elevating  
**ELEVATOR BOLTS**—See Bolts, Elevator

#### ELEVATOR POWER ATTACHMENTS

Energy Elevator Co., 217 New, Phila., Pa.  
 Davis & Newcomer Electric Elevator Co., Fostoria, O.  
 Kimball Bros. Co., Council Bluffs, Ia.  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.

#### ELEVATORS, Carriage, Automobile, Etc.

Energy Elevator Co., 217 New, Phila., Pa.  
 Grote (F.) Mfg. Co., Evansville, Ind.  
 Otis Elevator Co., 11th Av. and 26th, New York, N. Y.  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.  
 Sidney Elevator Mfg. Co., Sidney, O.

#### ELEVATORS, Freight

American Mfg. Co., 2123 Pacific Av., Tacoma, Wash.  
 Davis & Newcomer Electric Elevator Co., Fostoria, O.  
 Energy Elevator Co., 217 New, Phila., Pa.  
 Haughton Elevator & Mach. Co., Toledo, O.  
 Kimball Bros. Co., Council Bluffs, Ia.  
 Lagerquist (Gust) & Sons, Minneapolis, Minn.  
 Marshall Elevator Co., Pittsburgh, Pa.

Otis Elevator Co., 11th Av. and 26th, New York, N. Y.  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.  
 Sidney Elevator Mfg. Co., Sidney, O.  
 Stoner, Thaw & Co., Pittsburgh, Pa.  
**ELEVATORS, Hand—See Dumb-Waiters**

#### ELEVATORS, Hand Power

Barrett-Cravens Co., 3250 W. 30th, Chicago, Ill.  
 Davis & Newcomer Electric Elevator Co., Fostoria, O.  
 Energy Elevator Co., 217 New, Phila., Pa.  
 Grote (F.) Mfg. Co., Evansville, Ind.  
 Kimball Bros. Co., Council Bluffs, Ia.  
 Lagerquist (Gust) & Sons, Minneapolis, Minn.  
 Otis Elevator Co., 11th Av. and 26th, New York, N. Y.  
 Portable Elevator Mfg. Co., Bloomington, Ill. "Little Giant," "National"  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.  
 Sidney Elevator Mfg. Co., Sidney, O.  
 Whitney (Vincent) Co., 130 10th, San Francisco, Cal. "Whitco"

#### ELEVATORS, Invalid

Energy Elevator Co., 217 New, Phila., Pa.  
 Otis Elevator Co., 11th Av. and 26th, New York, N. Y.  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.  
 Shepard Elevator Co., Cincinnati, O. "Home Lift"  
 Sidney Elevator Mfg. Co., Sidney, O.  
 Whitney (Vincent) Co., 130 10th, San Francisco, Cal. "Whitco"

#### ELEVATORS, Residence, Electric

American Mfg. Co., 2123 Pacific Av., Tacoma, Wash.  
 Davis & Newcomer Electric Elevator Co., Fostoria, O.  
 Energy Elevator Co., 217 New, Phila., Pa.  
 Inclinator Co. of America, 1413 Vernon, Harrisburg, Pa. "Elevette"  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.  
 Shepard Elevator Co., Cincinnati, O. "Home Lift"  
 Whitney (Vincent) Co., 130 10th, San Francisco, Cal. "Whitco"

#### ELEVATORS, Residence, Individual

Energy Elevator Co., 217 New, Phila., Pa.  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.  
 Shepard Elevator Co., Cincinnati, O. "Home Lift"

#### ELEVATORS, Sidewalk

Abell Elevator Co., Louisville, Ky.  
 American Mfg. Co., 2123 Pacific Av., Tacoma, Wash.  
 Burwak Elevator Co., 227 Fulton, New York, N. Y.  
 Chelsea Elevator Co., 101 Park Av., New York, N. Y.  
 Cohoes Iron Foundry & Mach. Co., Cohoes, N. Y.  
 Eastern Mch. Co., New Haven, Conn.  
 Energy Elevator Co., 217 New, Phila., Pa.  
 Ernst, Chas. K., Buffalo, N. Y.  
 Grote (F.) Mfg. Co., Evansville, Ind.  
 Haughton Elevator & Mach. Co., Toledo, O.  
 Kimball Bros. Co., Council Bluffs, Ia.  
 Marshall Elevator Co., Pittsburgh, Pa.  
 Miller (Wm. A.) Mach. & Elevator Co., St. Louis, Mo.  
 Otis Elevator Co., 11th Av. & 26th, New York, N. Y.  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y. (Hand & Electric)  
 Sidney Elevator Mfg. Co., Sidney, O.  
 Speidel, John G., Reading, Pa.  
 Warsaw Elevator Co., Warsaw, N. Y.  
**ELEVATORS, Wall—See Dumb-Waiters**

#### ELEVATORS, Water

Albe Pump Corp., 8 Berry, Bklyn., N. Y. "Albe"  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.

#### ELIMINATORS, Aerial, Radio

Consolidated Wire & Associated Corp., Chicago, Ill.  
 Fleron (M. M.) & Son, Inc., Trenton, N. J.

#### ELIMINATORS, Paint Odor

Coastwide Laboratories, 152 W 42nd, New York, N. Y. "Plescent"  
 New Dorp Chemical Co., 280 B'way, New York, N. Y. "Rid"

#### ELIMINATORS, Radio, Interference

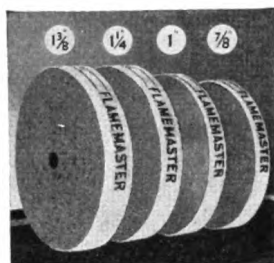
Deutschmann (Tobe) Corp., Canton, Mass. "Filterette"

**EMBOSSED SEALS**—See Seals, Embossed  
**EMERGENCY KEYS**—See Keys, Emergency  
**EMERGENCY SIGNAL FLARES**—See Flares, Automobile, Bus and Truck

**EMERY CLOTH**—See Cloth, Abrasive, Coated. Emery, Garnet, Aluminous Oxide, Silican Carbide, Etc.; also Abrasives, coated  
**EMERY PASTES**—See Pastes, Emery  
**EMERY POWDER**—See Abrasives, Powdered  
**EMERY STONES**—See Stones, Emery  
**EMERY WHEEL DRESSERS**—See Dressers, Grinding Wheel

Pat.  
Pending**FREE****"SILENT SALESMAN" DISPENSER**

All-metal, beautifully lithographed in colors. Stock container and merchandiser in one. Saves you time. Keeps stock in good condition. Ends losses through mistakes in measurement. Stove Guide on front. **FREE TO FLAMEMASTER DEALERS** (original sale only) with either of our 2 **SPECIAL DEALS**; **DEAL No. 1**—Four 100-ft. Rolls, widths  $\frac{7}{8}$ "—1"—1 $\frac{1}{4}$ "—1 $\frac{3}{8}$ ". **DEAL No. 2** (option)—Two 100-ft.  $\frac{7}{8}$ " and two 100-ft. 1 $\frac{3}{8}$ " Rolls. Jobber's Warehouse. Subject to change without notice. Now \$8.75 f.o.b.



**FLAMEMASTER 100-ft. Rolls**—Famous "Rock Weave" construction—more heat with less fuel. Revolutionizes oil burner performance. Lights instantly—no "coaxing." Eliminates heavy carbon. Open weave permits free flow of oil and greater supply of oxygen for complete combustion. All popular widths:  $\frac{7}{8}$ "—1"—1 $\frac{1}{4}$ " and 1 $\frac{3}{8}$ ". Each roll branded "Flamemaster", every foot clearly marked for size.

Flamemaster Asbestos Wicks are backed by the most liberal array of **FREE Dealer Selling Aids** ever offered by any wick manufacturer.

**INSTALLED****FLAMEMASTER BOXED STOCK**

In 5 $\frac{1}{2}$  and 12-ft. lengths, plus Cut-to-Fit Sets, all popular burners. 5 $\frac{1}{2}$  and 12-ft. lengths priced in one doz. lots, five widths:  $\frac{3}{4}$ "— $\frac{7}{8}$ "—1"—1 $\frac{1}{4}$ " and 1 $\frac{3}{8}$ ". Cut-to-Fit Sets packed and priced 12 wicks per box. Material construction identical with roll wick. Cut-to-Fit Sets with or without metal tips. Stapled wick available for Needle-Valve burners requiring a  $\frac{7}{8}$ "x3 $\frac{1}{2}$ " ring. Special Sets for Florence 4" and 5" burners. Short rolls and Cut-to-Fit Sets packed in attention-getting cartons with burner specifications on carton.

**NEV-A-TRIM** Asbestos Insulator for Cotton Wicks. Ends the wick-trimming nuisance and saves wicks when reservoirs run dry. Produces a hotter flame. Cuts oil bills. A new patented idea by Triplewear. Easily installed. Boosts your sale of cotton wick type heaters and ranges. Two sizes fit all popular cotton wick burners.

**TRIPLEWEAR, PATERSON, N. J.**

Write us direct if your jobber can't supply you. All Triplewear Products are Sold Exclusively through Hardware Jobbers.

**ASH and GARBAGE CANS**

Witt Cans: Five sizes, 12 $\frac{1}{4}$ , 16, 20, 27 and 33 gallons capacity. Witt Pails: Four sizes, 5, 6 3/5, 8 $\frac{3}{4}$  and 10 gallons capacity.

**ROLLER CANS**

Ideal for storing foodstuffs. Three sizes, 20, 27 and 33 gallons capacity.

**WITT CANS****FOR MORE PROFITS  
Tested and Proven Stronger**

Special analysis steel, improved design of corrugation, the WITT process of hand hot-dip galvanizing and other exclusive features make WITT cans stronger, safer, more economical than all others. Proved in tests at Pittsburgh Testing Laboratory to be from 50% to 400% stronger. Guaranteed.

**WICO CANS and PAILS**

Quality Ash and Garbage Cans and Pails at competitive prices.

**BRIGHTON and MODERN HOME CANS**

Ideal for "sales" purposes. Leaders in the medium weight quality field.

**OTHER WITT PRODUCTS**

Hooded Cans, Hoisting Cans, Mopping Pails, Special Cans for special needs.

Ask your jobber or write Dept. C-7 for complete details, catalog and prices.

**THE WITT CORNICE CO.**  
CINCINNATI, OHIO

**OILY WASTE CANS**

Standard equipment in leading industrial plants. Made in 7 sizes, 5 to 30 $\frac{1}{2}$  gallons capacity, with hand and foot operated covers.

**UNDERGROUND GARBAGE RECEIVERS**

Guaranteed for ten years. Made in five sizes, 8, 12, 15, 20 and 25 gallons capacity.

Mention Hardware Age When Writing

**EMERY WHEELS**—See Wheels, Grinding, Emery and Corundum  
**EMPTY CARTRIDGES**—See Cartridges, Rifle and Pistol, Empty  
**EMPTY SHOT GUN SHELLS**—See Shells, Empty  
**ENAMEL PAINTS**—See Paints, Enamel  
**ENAMEL REMOVERS**—See Removers, Paint and Varnish  
**ENAMEL SIGNS**—See Signs, Enamel  
**ENAMELED CLOTH**—See Oilcloth  
**ENAMELED COOKING and HOUSEHOLD UTENSILS**—See Ware, Enameled  
**ENAMELED IRON BATH TUBS**—See Tubs, Bath, Enameled Iron  
**ENAMELED WARE**—See Ware, Enameled  
**ENAMELED WARE KETTLES**—See Kettles, Tea, Range and Stove, Enameled Ware

## ENAMELS

Acme White Lead & Color Wks., Detroit, Mich.  
 Adams & Eiting Co., Chicago, Ill. "Ad-el-ite," "Amel-ite"  
 Akron Varnish Co., Akron, O. "Imperial"  
 Alabastine Co., 885 Chicago Drive, S. W., Grand Rapids, Mich.  
 Anglo-American Varnish Co., 55 Johnson, Newark, N. J.  
 Arlington Paint & Varnish Co., Wooster, O.  
 Armistage (John L.) & Co., 54 Dawson, Newark, N. J.  
 Arnesto Paint Co., Inc., 550 W. 46th, New York, N. Y.  
 Arto Mfg. Co., Roberts Av. & Stokley, Phila., Pa. "Art-Glo"  
 Baer Bros., 438 W. 37th, New York, N. Y. "Mongol"  
 Baker Paint & Varnish Co., 218 Suydam Av., Jersey City, N. J. "Luxolin"  
 Berry Bros., Detroit, Mich. "Berrycraft," "Luxeberry"  
 Blissell Varnish Co., Bridgeport, Conn. "Crocketts"  
 Boston Varnish Co., Boston, Mass. "Kyanize"  
 Bowness (Frank) Co., Chelsea, Mass. "Craftmaster," "Modene"  
 Boyer Chemical Laboratory, Chicago, Ill.  
 Bradford (Jas.) Co., Wilmington, Del.  
 Breinig Bros., 3rd & Grand, Hoboken, N. J.  
 Brooklyn Varnish Mfg. Co., 35 Nostrand Av., Bklyn., N. Y.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Campbell Paint & Varnish Co., St. Louis, Mo.  
 Carpenter-Morton Co., Boston, Mass. "Carmote"  
 Central Paint & Varnish Wks., 69 Prospect, Bklyn., N. Y. "Centralite," "Hi-Tone," "Uneskute," "Velvetona"  
 Chicago Paint Wks., Chicago, Ill. "Honor"  
 Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn. "Rapido"  
 Chipman Chemical Co., Inc., Bound Brook, N. J.  
 Cleveland Varnish Co., Cleveland, O.  
 Columbus Varnish Co., Columbus, O.  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo. "Bestez," "Eureka," "Our Own"  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y. "American Seal"  
 Cook & Dunn Paint Corp., 109 St. Francis, Newark, N. J.  
 Davis (H. B.) Co., Baltimore, Md.  
 Denny, Hilborn & Rosenbach, Phila., Pa.  
 Detroit White Lead Wks., Detroit, Mich. "88 Black"  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y. "Mirrolac"  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Duco," "Dulux," "Du Pont," "Pyroxilin"  
 Ebersson-Lindsay Paint Co., St. Louis, Mo.  
 Egyptian Lacquer Mfg. Co., 1270 6th Av., New York, N. Y. "N-Y-R"  
 Elliott Varnish Co., Chicago, Ill.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O. "Em-Var-Co"  
 Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill. "Zink-A-Lite"  
 Felton, Sibley & Co., Phila., Pa.  
 Ford Roofing Products Co., 111 Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Brevox," "Dri-Fast," "Foy's," "Permadura"  
 Fuller (W. P.) & Co., Inc., San Francisco, Cal.  
 Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Monarch"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Jap-A-Lac," "Ripolin," "Titan-O-Zinc," "Zinc-O-Lith"  
 Globe Paint Co., Williamsport, Pa.  
 Grand Rapids Varnish Corp., Grand Rapids, Mich. "Grapaco"  
 Hanline Bros., Baltimore, Md.  
 Heath & Milligan Mfg. Co., Chicago, Ill.  
 Hilo Varnish Corp., 42 Stewart Av., Bklyn., N. Y. "Hilite," "Molmanite"  
 Indiana Indestructible Paint Co., Chicago, Ill. "Flo-Enamel"  
 Jamestown Wood Finishing Co., Jamestown, N. Y.  
 Johnson (Oliver) & Co., Inc., Providence, R. I. "O-Jaco"  
 Johnston (R.F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Ivory Kote," "Ivory Sheen," "Old Chelsea," "Q. D. Scotch," "Scotch," "Four-Hour," "Super Duty"  
 Johnson (S. C.) & Son, Inc., Racine, Wis. "Wax-O-Namel"  
 Keystone Varnish Co., 71 Otsego, B'klyn., N. Y. "Silkyp"  
 King (E. & F.) & Co., Inc., Boston, Mass. "Efko"  
 Kirby (Geo.) Jr. Paint Co., New Bedford, Mass.  
 Lansing Paint & Color Co., Lansing, Mich.

Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
 Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"  
 Livingston Co., New Haven, Conn. "L. C. U."  
 Louisville Paint Mfg. Co., Louisville, Ky.  
 Louisville Varnish Co., Louisville, Ky. "Fixall"  
 Lowe Bros. Co., Dayton, O. "Linduro," "Plax"  
 Lucas (John) & Co., Phila., Pa. "Lucokwik"  
 McCloskey Varnish Co. (Holmesburg) Phila., Pa.  
 McDougall-Butler Co., Buffalo, N. Y.  
 McNamara Paint Products Co., Inc., 3108 Beaubien, Detroit, Mich.  
 McQuade (John) Co., Inc., 134 Classon Av., Bklyn., N. Y.  
 Marietta Paint & Color Co., Marietta, O. "Shield-cote"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill. "Kolor Brite"  
 Martin Varnish Co., Chicago, Ill. "Amber-Lyte"  
 Masury (John W.) & Son, 50 Jay, B'klyn., N. Y.  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Jigtime," "Mercolite," "77," "Wearite"  
 Mirrorlike Mfg. Co., Queens Blvd., Long Island City, N. Y.  
 Monad Paint & Varnish Co., Phila., Pa. "Atco," "Monad"  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y. "Utilac"  
 Mound City Paint & Color Co., St. Louis, Mo. "Horse Shoe"  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J. "DaCote," "Muronid"  
 Norfolk Paint & Varnish Co., Norfolk Downs, Mass.  
 Nu-Enamel Corp., 8709 Kinsman Av., Cleveland, O.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "Liquid-Lite"  
 Packard Paint & Varnish Co., Boston, Mass.  
 Paraffine Cos., Inc., San Francisco, Cal. "Pabco"  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Enamelac," "Olo"  
 Patterson-Sargent Co., Cleveland, O. "B. P. S.," "Glossfast"  
 Payson Paint & Varnish Corp., 804 E. 181st, New York, N. Y. "Jeb," "Marbero," "Payson's"  
 Peaslee-Gaubert Paint & Varnish Co., Inc., Louisville, Ky. "Pee Gee"  
 Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa. "Rhino"  
 Peninsular Paint & Varnish Co., Detroit, Mich. "Intex"  
 Permatex Co., Sheepshead Bay, N. Y.  
 Pierce (F. O.) Co., 30 Tiffany Pl., Bklyn., N. Y. "Hansom," "Kew-Dee"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Banzai," "Utility," "Water-spar"  
 Pratt & Lambert, Inc., Buffalo, N. Y. "Efecto," "61," "Vitrallite"  
 Premier Chemical Co., Cleveland, O. "Norbo"  
 Red Devil Paint & Varnish Wks., 523 3rd Av., Bklyn., N. Y.  
 Reifschneider Paint & Glass Co., Omaha, Neb.  
 Republic Paint & Varnish Co., 14th & S. Kilbourn Av., Chicago, Ill.  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y. "Speed Enamel"  
 Sargent-Gerke Co., Indianapolis, Ind.  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Seymour Products Co., Inc., 2416 W. Roosevelt Rd., Chicago, Ill. "See More"  
 Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O.  
 Sherwin-Williams Co., Cleveland, O. "Enameloid"  
 Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y. "Paripan"  
 Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa. "Old Dominion," "Rapidry"  
 Standard Varnish Wks., 2589 Richmond Terrace, Staten Island, N. Y. "Koverfor," "Satinette," "Super Kwickwork"  
 Stanley Chemical Co., E. Berlin, Conn.  
 Steelcote Mfg. Co., St. Louis, Mo.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
 Technical Color & Chemical Wks., 523 3rd Av., Bklyn., N. Y. "Red Devil"  
 Thibaut & Walker Co., 9th & Vernon Av., Long Island City, N. Y. "Ex-In-O-Lite"  
 Trendenick Paint Mfg. Co., Meriden, Conn. "Tresco"  
 Trucon Laboratories, Detroit, Mich.  
 Twin City Varnish Co., Minneapolis, Minn. "Blax-shine"  
 U. S. Gutta Percha Paint Co., Providence, R. I. "Barreled Sunlight"  
 U. S. Plastics Co., 850 Providence Rd., Scranton, Pa. "Derma"  
 Valentine & Co., Inc., 11 E. 86th, New York, N. Y. "Super Valspar," "Valspar"  
 Varcraft Wks., Pottstown, Pa.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Industrial Enamel"  
 Wadsworth-Howland Co., Boston, Mass. "Bay State"  
 Watson (John R.) Paint Co., 3108 Beaubien, Detroit, Mich.  
 Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "44," "So-E-Zy," "Stanlite," "Tokio"  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested," "Interior Gloss Cote," "Old Painter"  
 Wetherill (G. D.) & Co., Phila., Pa.  
 Wilhelm (A.) Co., Reading, Pa. "Royalcote"  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.  
 Zapon-Brevolite Lacquer Co., Marquette, No. Chicago, Ill.

## ENAMELS, Floor

Alabastine Co., 885 Chicago Drive, S.W., Grand Rapids, Mich.  
 Armstrong Pt. & Varnish Wks., Chicago, Ill. "Arm-mello," "Armorte," "Armor-Seal," "Boss Painter," "Evry-Use," "Kilbourn," "Pawnee"  
 Boston Varnish Co. (Everett), Boston, Mass. "Kyanize"  
 Central Paint & Varnish Works, 69 Prospect, Bklyn., N. Y. "Tuff-Dri"  
 Chicago Paint Wks., Chicago, Ill.  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo. "Bestak"  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y. "Artiac," "Mirrolac"  
 Du Pont (E. I.) Nemours & Co., Inc., Wilmington, Del.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O. "Em-Var-Co"  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Dri-Fast," "Foy's," "Trueness"  
 Glidden Co., Cleveland, O. "Florenamel"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston"  
 Lowe Bros. Co., Dayton, O.  
 Lucas (John) & Co., Inc., Phila., Pa.  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Wearite"  
 Mound City Paint & Color Co., St. Louis, Mo. "Horse-Shoe"  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Peninsular Paint & Varnish Co., Detroit, Mich. "Intex"  
 Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Florhide"  
 Pratt & Lambert, Inc., Buffalo, N. Y. "61"  
 Reifschneider Paint & Glass Co., Omaha, Neb.  
 Sapolin Co., Inc., 229 E. 42d, New York, N. Y. "Speed Enamel"  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sherwin-Williams Co., Cleveland, O.  
 Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa.  
 U. S. Lacquer & Chemical Co., St. Louis, Mo. "U. S."  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

## ENAMELS, Stove Pipe

Bettes (A. O.) Mfg. Co., Kansas City, Mo.  
 Boston Varnish Co., Boston, Mass. "Dinah Black"  
 Carpenter-Morton Co., Boston, Mass. "Carmote"  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo. "Eureka"  
 Felton-Sibley & Co., Inc., Phila., Pa.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
 Goheen Corp., 46 Albert Av., Newark, N. J.  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston"  
 Kahn (H.) & Co., Phila., Pa. "Supreme"  
 Lucas (John) & Co., Inc., Phila., Pa.  
 Lowe Bros. Co., Dayton, O.  
 Martin & Martin, Chicago, Ill. "E-Z"  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y.  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Ave., Cleveland, O. "Olo"  
 Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 Sapolin Co., Inc., 229 E. 42d, New York, N. Y. "Speed Enamel"  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sheffield Bronze Powder & Stencil Co., Inc., 12405 Euclid Av., Cleveland, O.  
 Sherwin-Williams Co., Cleveland, O.  
 United Gilsonite Laboratories, Scranton, Pa. "Lastikote"  
 Varcraft Wks., Pottstown, Pa.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.

**ENCLOSURES, Radiator**—See Covers, Radiator

## ENDGATES, Wagon Jump

Ernsdorff (John) Iron Co., Dubuque, Ia. "Jer-I-co"  
 Schroeder (H. V.) Mfg. Co., Minier, Ill.  
 Thieman Harvester Co., Inc., Albert City, Ia.

## ENDS and DROPS, Eave Trough

Braden Mfg. Co., Terre Haute, Ind.  
 Milcor Steel Co., Milwaukee, Wis.

**ENGINE POWER CLOTHES WASHING MACHINES**—See Washing Machines, Clothes, Gasoline Motor

**ENGINEERS' HAMMERS**—See Hammers, Engineers' Forged Steel

**ENGINEERS' TOOLS and SUPPLIES**—See article desired

**ENGINEERS' WRENCHES**—See Wrenches, Engineers'

**ENGINES, Crude Oil**—See Engines, Oil Crude

## ENGINES, Diesel

Buda Co., Harvey, Ill.  
 Caterpillar Tractor Co., Peoria, Ill.  
 Cummins Engine Co., Columbus, O.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill.

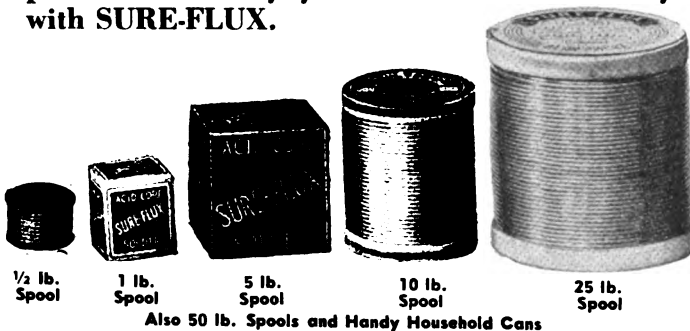


# WHY PASS UP THIS 20% Extra Profit?

## Sell **SURE-FLUX** ACID AND ROSIN CORE SOLDER **IT COSTS YOU LESS**

**Yet No Finer Core Solder Is Made  
Regardless of Price**

**SURE-FLUX** costs you from 15% to 25% less than other brands . . . yet retails for the same price. That's why you'll make more money with **SURE-FLUX**.



Also 50 lb. Spools and Handy Household Cans

## CHECK THESE POINTS

**SURE-FLUX** Acid and Rosin Core solder is manufactured of 40% Virgin tin and 60% Virgin lead, according to A.S.T.M. Class A specifications.

Behind **SURE-FLUX** stand 15 years of experience in making Cored Solders exclusively.

**SURE-FLUX** comes in 7 convenient sizes— $\frac{1}{2}$  lb., 1 lb., 5 lb., 10 lb., 25 lb., 50 lb. Spools and handy Household cans.

### COUNTER CARTON HELPS SELL!

**DEALERS**—This attractive counter display carton makes it easier than ever to sell solder. Order a dozen **SURE-FLUX** Household Cans and get this carton free.

**ASK YOUR JOBBER**

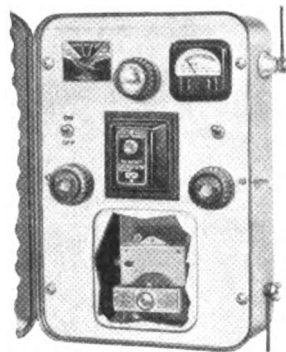


**NEW YORK SOLDER CO., Inc.**  
15 Crosby Street, New York, N. Y.

## It's **PRIME** for Profits in the Electric Fence field

*Prime high-line controllers*  
[approved by Underwriters' Laboratories]

For extra business—trouble-free business—profitable business—in this fast growing industry, pick the high-line operated Prime Electric Fence Controller . . . Farmers *want* Prime—they know Prime as the safe, top-quality fencer . . . Sales records of alert dealers prove it pays to pick Prime, the line that's advertised consistently to farmers (through farm papers and radio), the line that gives you the jump on competition . . . Prime's dealer policy, backed by a big, established company, protects you . . . Get started now. Ask your jobber or write direct.

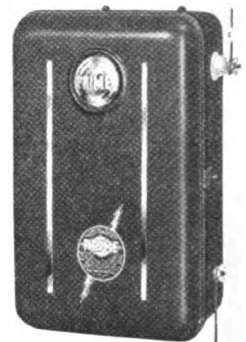


**No. 480 Grand Champion**

The finest electric fence controller built. A precision instrument that does a safe stock-holding job for years. Has Signal Light, Soil Condition Switch, Short Meter, and other sales-building features. Size  $14\frac{1}{4}$ " x  $9\frac{1}{2}$ " x  $5\frac{3}{4}$ ". Shipping weight, 22 lbs.



This seal of approval on all Prime high-line controllers



**No. 420 Champion**

Equipped with same features as No. 480, with exception of short meter and soil condition switch. Size  $14\frac{1}{4}$ " x  $9\frac{1}{2}$ " x  $5\frac{3}{4}$ ". Shipping weight 21 lbs.

## Also

## Battery Controllers—\$9.95 and up



**No. 680 Grand Champion**  
World's finest battery-operated controller. Same features as No. 480—plus famous "Twin Shocks." Size  $14\frac{1}{4}$ " x  $9\frac{1}{2}$ " x  $5\frac{3}{4}$ ". Shipping weight 20 lbs.

**No. 620 Champion**  
(Not shown) Identical in appearance with No. 420. Shipping weight 17 lbs.



**No. 330 Standard**  
A money-maker for you in the medium-price field. Size  $12\frac{3}{4}$ " x  $7\frac{1}{2}$ " x  $4\frac{1}{2}$ ". Shipping wt. 8 lbs.



**No. 200 Special**  
Meet competition with this low-price unit. Size 8" x  $6\frac{1}{2}$ " x  $4\frac{1}{2}$ ". Shipping wt. 6 lbs.

Get the complete story of this business-building opportunity. Ask your jobber. Or write now for the dealer proposition.

**The Prime Mfg. Co.**  
1669 S. First St. Milwaukee, Wis.

# ENGINES, Diesel (Continued)

Hill Diesel Engine Co., 238 Mill, Lansing, Mich.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Waukesha Motor Co., 960 St. Paul Av., Waukesha, Wis.

# ENGINES, Fire, Toy

Buddy "L" Mfg. Co., East Moline, Ill. (Pull-N-Ride)  
 Kenton Hdw. Co., Kenton, O.  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Master"

# ENGINES, Gasoline

Aermotor Co., 2500 Roosevelt Rd., Chicago, Ill.  
 Associated Manufacturers, Inc., Waterloo, Ia. "Associated," "Colt," "Iowa"  
 Briggs & Stratton Corp., Milwaukee, Wis. "Wireless Power"  
 Charter Gas Engine Co., Sterling, Ill.  
 Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
 Deere (John) Tractor Co., Waterloo, Ia.  
 Eagle Mfg. Co., Appleton, Wis.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Z"  
 Fairmont Railway Motors, Inc., Fairmont, Minn.  
 Fuller & Johnson Mfg. Co., Madison Wis. "Farm Pump," "Model N"  
 Galway Co., Inc., Waterloo, Ia.  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering"  
 Johnson Motors Div. Outboard Marine & Mfg. Co., 1820 Pershing Rd., Waukegan, Ill. "Iron Horse"  
 Lauson Co., New Holstein, Wis. "Lauson"  
 Midco Mfg. & Distributing Co., Inc., South 18th & Kentucky Av., Sheboygan, Wis. "Midco"  
 Middletown Mfg. Co., Trenton, O. "Miami," "Woodpecker"  
 Nelson Bros. Co., Saginaw, Mich. "Jumbo"  
 Novo Engine Co., Lansing, Mich.  
 Ottawa Mfg. Co., Ottawa, Kan.  
 Scott & Ewing Co., Bluffton, O.  
 Stover Mfg. & Engine Co., Freeport, Ill. "Good"  
 Superior Engine Co., Springfield, O.  
 United Engine Co., Lansing, Mich. "Banner," "U. M. A."  
 Universal Motor Co., Oshkosh, Wis.  
 Waterloo Construction Mch. Co., Waterloo, Ia. "Wonder"  
 Witte Engine Wks., Kansas City, Mo.

# ENGINES, Gasoline, Miniature

C. H. Q. Motors, 854 E. 149th, New York, N. Y.  
 Junior Motors Corp., 2545 N. Broad, Phila., Pa. "Brown Jr."  
 Ohlsson Miniature, Inc., 3340 Emery, Los Angeles, Cal.  
 Scientific Model Airplane Co., 218 Market, Newark, N. J.  
 Synco Devices, Inc., 747 Beaubien, Detroit, Mich.  
 "Synco Ace," "Synco Ace Special," "Synco Bee"

# ENGINES, Kerosene

Adeo Mfg. Co., Columbus, O.  
 Advance-Kumely Thresher Co., La Porte, Ind. "Rumely"  
 Charter Gas Engine Co., Sterling, Ill.  
 Deere (John) Tractor Co., Waterloo, Ia.  
 Eagle Mfg. Co., Appleton, Wis.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Z"  
 Fairmont Railway Motors, Inc., Fairmont, Minn.  
 Fuller & Johnson Mfg. Co., Madison Wis. "Model K"  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick Deering"  
 Middletown Mfg. Co., Trenton, O. "Miami," "Woodpecker"  
 Nelson Bros. Co., Saginaw, Mich. "Jumbo"  
 Novo Engine Co., Lansing, Mich.  
 Stover Mfg. & Engine Co., Freeport, Ill. "Good"  
 Superior Engine Co., Springfield, O. "Special," "Standard"  
 United Engine Co., Lansing, Mich.  
 Witte Engine Wks., Kansas City, Mo.

# ENGINES, Marine, Inboard—See Motors, Boat, Inboard

# ENGINES, Marine, Outboard—See Motors, Boat, Outboard

# ENGINES, Oil, Crude

Adeo Mfg. Co., Columbus, O.  
 Charter Gas Engine Co., Sterling, Ill.  
 Stover Mfg. & Engine Co., Freeport, Ill. "Good"  
 Van-Severin Mach. Co., Chicago, Ill.

# ENSLAGE CARRIERS—See Carriers, Feed

# ENSLAGE FORKS—See Forks, Enslage

# ENSLAGE KNIVES—See Knives, Enslage

# ENTRANCE DOOR HANDLES—See Handles, Entrance Door

# ENTRANCE HEADS AND ELBOWS—See Fittings, Threaded and Threadless, Conduit

# EQUIPMENT, Barbecue

Immercraft, Inc., 810 Polhemus, San Jose, Cal.  
 "Immercraft"

# EQUIPMENT and CONTROLS, Humidity

Emmet Electric Co., 378 W. Huron, Chicago, Ill.  
 "Hold-Heat"

# EQUIPMENT, Blowing and Suction, Electric, Portable

Brewer Electric Mfg. Co., 839 Blackhawk, Chicago, Ill.  
 "Tornado"  
 Clements Mfg. Co., 6652 S. Narragansett Av., Chicago, Ill. "Clements-Cadillac"

# EQUIPMENT AND ACCESSORIES HOMEWORK-SHOP—See Accessories and Equipment, Home Craft

# EQUIPMENT, HOMEWORKSHOP—See Tools, Homecraft, Electric

# EQUIPMENT, Jail and Prison

Smith (F. P.) Wire & Iron Wks., 2340 Clybourn Av., Chicago, Ill.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
 Yale & Towne Mfg. Co., Stamford, Conn. (Locks)  
 EQUIPMENT, Kitchen—See Supplies, Kitchen, also article desired

# EQUIPMENT, Playground

American-Acme Co., Emigsville, Pa.  
 American-National Co., Toledo, O.  
 American Play Ground Device Co., Anderson, Ind.  
 Arch-Horne Co., 25 West B'way, New York, N. Y.  
 Everwear Mfg. Co., Springfield, O.  
 Garton Toy Co., Sheboygan, Wis.  
 Gendron Wheel Co., Toledo, O. "Pioneer"  
 General Playground Equipment, Inc., Kokomo, Ind. "Fun Fun"  
 Giant Mfg. Co., Council Bluffs, Ia.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Harris (Delmer F.) Co., Concordia, Kan. "Playmate"  
 Ideal Products Mfg. Co., 212 E. 18th, Erie, Pa. "Ideal"  
 Kiddie Gym Corp., Elizabeth, N. J.  
 Loudon Machinery Co., Fairfield, Ia.  
 Medart (Fred) Mfg. Co., St. Louis, Mo.  
 Mitchell Mfg. Co., Milwaukee, Wis.  
 Newark Steel Post Co., 10 White, West Orange, N. J. "Safe-Play"  
 Pratt Corp., Coldwater, Mich.  
 Hoe (L. I.) Co., Stanley, Wis.  
 Safe Play Co., Elkhardt, Ind.  
 Shippy Racer, Inc., Toledo, O. "Seven-Ply"  
 Tethill, W. S., Chicago, Ill.  
 EQUIPMENT, STORE DISPLAY—See Fixtures, Store, Display

# EQUIPMENT, Swimming Pool

Arch-Horne Co., 25 West B'way, New York, N. Y.  
 American Playground Device Co., Anderson, Ind.  
 General Playground Equipment Co., Kokomo, Ind.  
 Hussey Mfg. Co., North Berwick, Me.  
 Medart (Fred) Mfg. Co., St. Louis, Mo.

# EQUIPMENT, Track and Field

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

# ESCUTCHEONS

(See also Plates, Key)

American Specialty Co., Bridgeport, Conn.  
 Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Bassick Co., Bridgeport, Conn.  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Detroit Hdw. Mfg. Co., Detroit, Mich.  
 Eagle Lock Co., Terryville, Conn.  
 Eaton-Pond Co., Inc., Collinsville, Conn.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Getty (H. S.) & Co., Inc., 3348 N. 10th, Phila., Pa.  
 Grand Rapids Brass Co., Grand Rapids, Mich.  
 Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hardware Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Ludwig (A.) & Co., 75 Spring, New York, N. Y.  
 National Brass Co., Grand Rapids, Mich.  
 National Hardware Co., 8680 103rd Av., Ozone Park, N. Y. "National"  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Reading Hdw. Corp., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Waterbury Button & Mfg. Co., Waterbury, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.  
 ESCUTCHEON PINS—See Pins, Escutcheon

# EVAPORATORS, Cane, Sorghum and Maple Syrup

Bell (C. S.) Co., Hillsboro, O.  
 Southwest Howe Mfg. Co., Ft. Smith, Ark. "Blue Label"  
 EVERDUR METAL BOLTS—See Bolts, Everdur Metal  
 Evergreens—See Nurseries, Rose Bush, Shrub, Evergreen, Etc.

# EXERCISERS, Health

Burdick Corp., Milton, Wis.  
 Ero Mfg. Co., 714 W. Monroe, Chicago, Ill.  
 Excelsior Mfg. Co., Michigan City, Ind. "Deluxe"  
 Geier (P. A.) Co., Cleveland, O. "Royal Health Builder"

Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast" (Bicycles)  
 Holms Mfg. Co., Kenosha, Wis. "Vibratone"  
 Janette Mfg. Co., Chicago, Ill.  
 Jiffy Electric Co., Inc., Hazel Park Station, Royal Oak, Mich.  
 Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass. (Bicycle)  
 Knott & Garluis, Detroit, Mich. "Vita"  
 Master Electric Co., Dayton, O. "Healthizer"  
 Sabin Machine Co., Cleveland, O.  
 Sanitarium Equipment Co., Battle Creek, Mich. "Battle Creek"  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Tower Mfg. Co., Boston, Mass.  
 EXHAUST FANS—See Fans, Exhaust  
 EXIT DOOR BOLTS—See Bolts, Door, Panic  
 EXPANDED METAL LATH—See Lath Metal, Expanded

# EXPANDERS, Tube

Ajax Mfg. Co., Pittsburgh, Pa. "Collins," "Pittsburgh"  
 Faessler (J.) Mfg. Co., Moberly, Mo.  
 Helwig Mfg. Co., St. Paul, Minn. "Helwig"  
 Hendersen's (A. L.) Sons, Wilmington, Del. "Fergusons," "High Speed"  
 International Nutty Tool Corp., Oswego, N. Y.  
 Key Boiler Equipment Co., East St. Louis, Ill.  
 Nicholson (W. H.) & Co., Wilkes-Barre, Pa.  
 Sawyer Fdry. & Machine Works, 244 W. Seneca, Oswego, N. Y.  
 Wiedeke (Gustave) & Co., Dayton, O. "Arch," "Dayton," "Ideal," "Victor"

# EXPANSION BRIDLE RINGS—See Rings, Bridle, Expansion

# EXPANSION NUTS—See Nuts, Expansion

# EXPANSION PLIERS—See Pliers, Expansion

# EXPANSION PLUGS—See Plugs, Expansion

# EXPANSION REAMERS—See Reamers, Expansion

# EXPANSION SHIELDS—See Shields, Expansion

# EXPANSIVE BITS—See Bits, Expansive

# EXPLODING WEDGES—See Wedges, Exploding

# EXPLOSION PROOF FITTINGS—See Fittings, Explosion Proof

# EXPLOSIVES—See Dynamite; also Powder, Blasting

# EXPRESS WAGONS, Children's—See Wagons, Coaster

# EXTENSION BARS—See Bars, Extension

# EXTENSION BITS—See Extensions, Bit Brace

# EXTENSION BOLTS—See Bolts, Extension

# EXTENSION CLOTHES CLOSET RODS—See Rods, Clothes Closet, Extension

# EXTENSION CORD—See Cords, Extension, Electric

# EXTENSION CORD CONNECTORS—See Connectors, Extension Cord

# EXTENSION LADDERS—See Ladders, Extension

# EXTENSION RULES—See Rules, Extension

# EXTENSIONS, Bit Brace

Carson-Newton Co., 62 Mill, Belleville, N. J. "Jones Cant-Break"  
 Greenlee Tool Co., Rockford, Ill.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Swan (James) Co., Seymour, Conn.

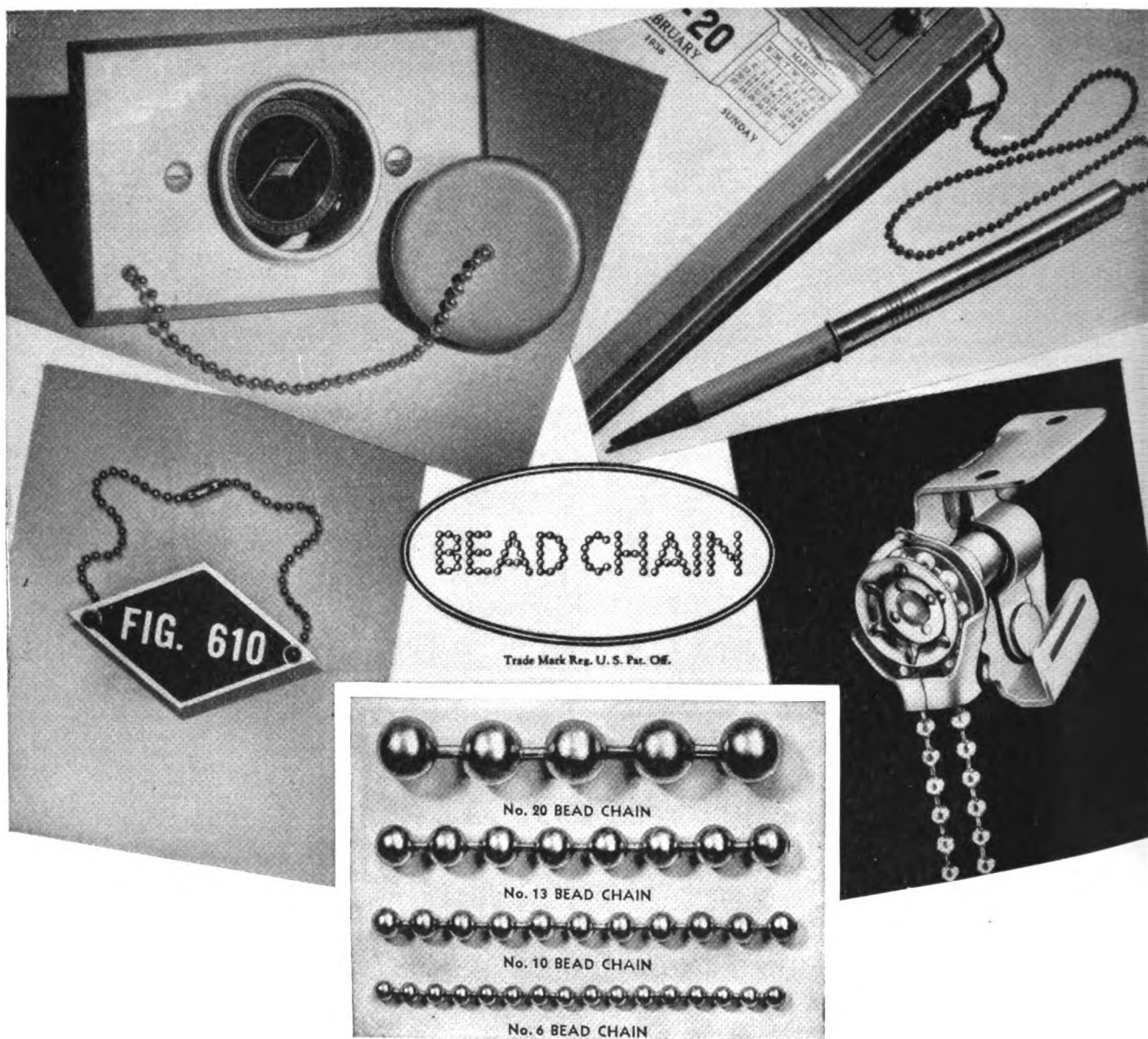
# EXTERMINATORS, Ant

American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, New York, N. Y. "Cyanogas"  
 Ant-B-Gon Products Co., 2053 E. 7th, Los Angeles, Cal. "Ant-B-Gon"  
 Ant-Go Co., East Moriches, N. Y. "Ant-Go"  
 Bonide Chemical Co., Inc., Utica, N. Y. "Antair"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J. "Antrol"  
 Buckeye Chemical & Specialty Co., 181 E. 23rd, New York, N. Y. "Antube," "Buckeye Antube"  
 Chemurgic Corp., Giant Rd., Richmond, Cal. "Anticide"  
 Elco Mfg. Co., 521 S. Aiken Av., Pittsburgh, Pa. "Elco"  
 Goulard & Olena, Inc., 140 Liberty, New York, N. Y.  
 Harris Products Co., Inc., 1054 Pennsylvania Av., Miami, Fla. "Ant Buttons"  
 Hammond Paint & Chemical Co., Beacon, N. Y. "Ant Gas"  
 Lethelin Products Co., Inc., Wood Ridge, N. J. "Magikil Jelly"  
 Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
 Nott Mfg. Co., 87 Frankfort, New York, N. Y. "Ant-X"  
 Rose Mfg. Co., 37th & Filbert, Phila., Pa. "Fume Ogen"  
 Rotenone Products Co., Inc., East Orange, N. J. "Antechek"  
 Sollicide Laboratories, Inc., 8 Laurel Pl., Upper Montclair, N. J. "TAT"  
 Tobacco By-Products & Chemical Corp., Inc., Louisville, Ky. "Black Leaf 40"

# EXTERMINATORS, Insect

(See also Insecticides)

American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, New York, N. Y. "Cyanogas"  
 Ant-Go Co., East Moriches, N. Y. "Ant-Go"



## CHAIN THAT CANNOT KINK OR TANGLE

For over twenty-five years we have been developing assemblies of distinctive beauty and utility, and have assisted many manufacturers in advantageous and economical methods of adapting BEAD CHAIN\* to their products. BEAD CHAIN\* is a series of perfect swivels that form a smooth running chain of unexpected strength.

# BEAD CHAIN\*

Four of the most popular standard sizes are illustrated above, made of brass, nickel silver, monel and other metals in natural, gold and chromium plate finish. There are couplings and attachments for many purposes.

Our engineering design service is available to manufacturers and designers to cooperate in the development of assemblies and uses for BEAD CHAIN\*.

THE BEAD CHAIN MANUFACTURING CO.  
52 Mt. Grove St. Bridgeport, Conn.

\*Reg. U. S. Pat. Off.

Mention Hardware Age When Writing

Digitized by Google



**EXTERMINATORS, Insect (Continued)**

Astor Exterminating Co., 276 Devonshire, Boston, Mass. "Astorex"  
 Bonide Chemical Co., Inc., Utica, N. Y. "Ant-Zix"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J. "Antrol," "Black Flag"  
 Buckeye Chemical & Specialty Co., 131 E. 23rd, New York, N. Y. "Antube," "Buckeye Antube"  
 Calumet Refining Co., 4323 S. Western Blvd., Chicago, Ill. "Cattlese"  
 Carbol Chemical Co., Natural Bridge, N. Y. "C C"  
 Common Sense Mfg. Co., Buffalo, N. Y. Connecticut Chemical & Disinfectant Co., New Haven, Conn. "Kill-O-Mist"  
 Creative Chemical Co., Pittsburgh, Pa.  
 Davis (C. H.) Co., Rome, N. Y. "So-Bos-So Kill"  
 Dehol Mfg. Co., Inc., 922 E. N. W. Washington, D. C. "Dethol"  
 Dolge (C. B.) Co., Westport, Conn. "Dolco"  
 Elco Mfg. Co., 521 S. Aiken Av., Pittsburgh, Pa. "Elo"  
 Exterminator Fly Paper Mills, Chicago, Ill.  
 Expello Corp., Dover, N. H. "Expellometer" (Moth)  
 Felix-Gerard Co., Inc., Minneapolis, Minn.  
 Flash Chemical Co., Cambridge, Mass. "Cafo,"  
 Fleck, J. J., Tiffin, O. (Lice)  
 Flyer Products, Inc., W. Hartford, Conn. "Fly-o-Cide," "Fly-o-Cide," "Flyer's"  
 General Laboratories, Inc., 1000 Widener Bldg., Phila., Pa. "Indor"  
 Gets Exterminators, Inc., St. Louis, Mo.  
 Grasselli Chemicals Dept., du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Dutox," "Grasselli," "Floragard"  
 Hammond Paint & Chemical Co., Inc., Beacon, N. Y. "Ant Gas," "Hammond's," "Naptoside," "Thrip Juice"  
 Hammond (W. P.) & Son, Inc., Milwaukee, Wis.  
 Harris Products Co., Inc., 1054 Pennsylvania Av., Miami, Fla. "Ant Buttons," "Roach Buttons"  
 Jones Products Co., Milwaukee, Wis. "Master"  
 Keystone Chemical Co., Inc., 5713 Euclid Av., Cleveland, O.  
 Lethlin Products Co., Inc., Wood Ridge, N. J. "Paratox," "Magikill Jelly"  
 Levy Chemical Co., 707 B'way, New York, N. Y. (Moth-Gas)  
 Lut Zite Div., Ridge Tool Co., Elyria, O. "Lut Zite"  
 McCloud (W. B.) & Co., 325 W. Huron, Chicago, Ill. (Moth)  
 McCormick Sales Co., McCormick Bldg., Baltimore, Md. "Bee Brand," "Red Arrow"  
 McLaughlin Gormley King Co., Minneapolis, Minn. "Ever Green"  
 Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
 Mechling Bros., Chemical Div. General Chemical Co., Camden, N. J. "Japtox"  
 Midway Chemical Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J. "Ant-Ded," "BUGDED," "FLYDED," "MOTHDDED," "ROACH-Ded," "Swish"  
 Murray (Edgar A.) Co., Detroit, Mich. "Doom"  
 Nott Mfg. Co., 87 Frankfort, New York, N. Y. "Ant-X," "Roach-Notes"  
 Nowak Milling Corp., Hammond, Ind. "Soy-O-Cide"  
 O-Cedar Corp., 4501 So. Western Av., Chicago, Ill. "O-Cedar"  
 Odora Co., Inc., 738 Water, New York, N. Y. "Odor Vaporator," "Mothez," "Motholator," "Odora"  
 One-Spot Co., Elkridge, Md. "One-Spot"  
 Orient Spray Co., Boston, Mass.  
 Peerless Waterproof Cement Co., 2726 Dodier, St. Louis, Mo.  
 Peterman (Wm.), Inc., 10 W. 51st, New York, N. Y. "Flyosan"  
 Pioneer Mfg. Co., Cleveland, O. "Acto"  
 Rat Biscuit Co., Springfield, O.  
 Reffer-Galler, Inc., 225 Fifth Av., New York, N. Y. "Reffer's Insecto," "Reffer's No-Moth," "Reffer's Blat"  
 Reynolds (Jas. T.) & Son, Lapeer, Mich.  
 Rose Mfg. Co., 37th & Filbert, Phila., Pa. "Killo-gene"  
 Rotenone Products Co., Inc., East Orange, N. J. "Antchek"  
 Sargent Mfg. Co., 38 Elizabeth, Yonkers, N. Y. (Moth)  
 SENTRY Products Co., Boston, Mass. "Anti-Moth"  
 Sollicide Laboratories, Inc., 8 Laurel Pl., Upper Montclair, N. J. "Tat"  
 Superior Laboratories, Grand Rapids, Mich. "Mistalys"  
 Talbot Mfg. Co., Los Angeles, Cal. "Talbot's"  
 Tanglefoot Co., Grand Rapids, Mich. "Tanglefoot," "Thum"  
 Tobacco By-Products & Chemical Corp., Inc., New York, N. Y.  
 Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 Worrell Mfg. Co., St. Louis, Mo.  
 Zonite Sales Corp., New Brunswick, N. J. "Lar-zite" (Moth)

**EXTERMINATORS, Rat & Mice**

American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, New York, N. Y. "Cyanogas"  
 Astor Exterminating Co., 276 Devonshire, Boston, Mass. "Astorex"  
 Bonide Chemical Co., Inc., Utica, N. Y. "Blue Death," "Samsed," "Topzol"  
 Carbol Chemical Co., Inc., Natural Bridge, New York, N. Y. "C C C"  
 Chemical Products and Appliance Co., Oxford, N. Y. "Rat Boloney"

Chemurgic Corp., Giant Rd., Richmond, Cal. "Avalanche"  
 Common Sense Mfg. Co., Buffalo, N. Y.  
 Connecticut Chemical & Disinfectant Co., New Haven, Conn. "Supreme"  
 Davis (C. H.) Co., Rome, N. Y. "Red Davis"  
 Dolge (C. B.) Co., Westport, Conn. "Dolco"  
 Elgin Products Co., 3954 Drexel Blvd., Chicago, Ill. "Elgin"  
 Essential Mfg. Co., Phila., Pa. (Rat Corn)  
 Felix-Girard Co., Inc., Minneapolis, Minn.  
 Flyer Products, Inc., W. Hartford, Conn. "Flyer's," "Rat-o-Cide"  
 Hammond (W. P.) & Son, Inc., Milwaukee, Wis.  
 Harris Products Co., Inc., 1054 Pennsylvania Av., Miami, Fla.  
 Heller (B.) & Co., Chicago, Ill.  
 Jamieson (C. E.) & Co., Detroit, Mich. "Rodomort"  
 K-R-O Co., Springfield, O. "K-R-O"  
 Levy, G. Anderson, 631 Penn Av., Pittsburgh, Pa. "Lag's"  
 Liquid Veneer Corp., Buffalo, N. Y. "Rat-Nip"  
 Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
 Murray (Edgar A.) Co., Detroit, Mich. "Doom"  
 Nott Mfg. Co., 87 Frankfort, New York, N. Y. "Mole-Notes," "Mouse-Notes," "Rat-Notes"  
 One-Spot Co., Elkridge, Md. "Saf T Ded"  
 Pacific States Fireworks Co., Los Gatos, Cal. (Gas Ball)  
 Rat Biscuit Co., Springfield, O.  
 Rat Lunches Co., Carroll, Ia.  
 Reardon (W. G.) Laboratories, Inc., Port Chester, N. Y.  
 Schutte Laboratories, Beaver Falls, Pa. "Mouse-Deth," "Rat-Deth," "Rat-Smoke"  
 Shaver-Blake Co., Cedar Rapids, Ia.  
 Smith (C. D.) & Co., Inc., Utica, N. Y. "Jim Dandy"  
 So-Lo Works, Cincinnati, O. "So-Lo's Rats-Out"  
 Sollicide Laboratories, Inc., 8 Laurel Pl., Upper Montclair, N. J. "Tat"  
 Stearns Electric Paste Co., 122 S. Michigan, Chicago, Ill.  
 Talbot Mfg. Co., Los Angeles, Cal. "Talbot's"  
 Toledo Rexspray Co., Toledo, O. "Rat-Tox"  
 Wells, E. S., 710 Grand, Jersey City, N. J. "Rough on Rats"  
 Worrell Mfg. Co., St. Louis, Mo.

**EXTINGUISHERS, Fire**

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill. "First Aid," "Reddy Hand"  
 American-La France & Foamite Corp., Elmira, N. Y. "Alert," "Alfite," "Alfoam," "Alfoam Junior," "Fire-Gun," "La France," "Rescue"  
 Autofyr Stop Co., 2035 Washington Av., Phila., Pa. "Autofyrstop"  
 Buffalo Fire Appliance Corp., Buffalo, N. Y. "Buffalo"  
 Columbia Fire Extinguisher Co., Inc., 174 Centre, New York, N. Y. "Pistol-Grip"  
 Diener (Geo. W.) Mfg. Co., Chicago, Ill.  
 Dietz (R. E.) Co., 60 Lighthouse, New York, N. Y. "Volunteer"  
 Dugas Engineering Corp., 332 S. La Salle, Chicago, Ill.  
 Elkhart Brass Mfg. Co., 1305 Beardsley, Elkhart, Ind. "Elkhart"  
 Empyre Fire Equipment Mfg. Co., Inc., 22-07 41st Av., Long Island City, N. Y. "Stop-Fire"  
 Fertilist Corp., Westport, Conn. "Car-Bo-Tet"  
 Fire-Killer Mfg. Co., Syracuse, N. Y. "Fire-Killer"  
 Firex Corp., 510 S. B'way, St. Louis, Mo. "Firex"  
 Fyr-Fyter Co., Dayton, O. "F-F"  
 International Fire Equipment Corp., West New Brighton, Staten Island, N. Y. "Shur-Ex," "Shur-Spray," "Shur-Stop," "Shur-Stream"  
 Kidde (Walter) & Co., Inc., 60 West, Bloomfield, N. J. "Kidde," "Lux"  
 King (James) & Co., 523 S. W. Pine, Portland, Ore. "King Special"  
 Knight & Thomas, Boston, Mass. "Protector," "Vulcan"  
 Miller-Peerless Mfg. Co., 452 N. Sangamon, Chicago, Ill. "Peerless"  
 Plaster Mfg. Co., Cincinnati, O.  
 Pyrene Mfg. Co., 520 Belmont Av., Newark, N. J. "Accurate," "Duragard," "Essanay," "Fastfome," "Guardene," "Phomene," "Winterzarde"  
 Red Comet, Inc., Littleton, Colo. "Red Comet"  
 Safety Fire Extinguisher Co., 291 7th Av., New York, N. Y.  
 Schriver (O. P.) Co., Cincinnati, O.  
 Snyder (M. L.) & Son, 1815-75 E. York, Phila., Pa. Standard Extinguisher Co., Boston, Mass.  
 Stempel Fire Extinguisher Mfg. Co., St. Louis, Mo. "Stempel"  
 Tetco Co., 2316 S. Flower, Los Angeles, Cal. "Tetco"  
 Wil-X Mfg. Corp., 29 Ryerson, Bklyn, N. Y. "Wilbur"  
 Woodhill Chemical Co., 2178 E. 76th, Cleveland, O. "Duro"

**EXTINGUISHERS, Fire, Automobile**

American-La France & Foamite Corp., Elmira, N. Y. "Fire-Gun"  
 Auto Fyr Stop Co., 2035 Washington Av., Phila., Pa. "Auto Fyrstop"  
 Badger Fire Extinguisher Co., Boston, Mass.  
 Buffalo Fire Appliance Corp., Buffalo, N. Y. "Niagara"  
 Columbia Fire Extinguisher Co., Inc., 174 Centre, New York, N. Y. "Pistol-Grip"  
 Empyre Fire Equipment Mfg. Co., Inc., 22-07 41st Av., Long Island City, N. Y. "Stop-Fire"  
 Firex Corp., 510 S. B'way, St. Louis, Mo. "Firex"  
 Fyr-Fyter Co., Dayton, O.  
 International Fire Equipment Corp., West New Brighton, Staten Island, N. Y. "Shur-Ex"

Pyrene Mfg. Co., 520 Belmont Av., Newark, N. J. Stempel Fire Extinguisher Mfg. Co., St. Louis, Mo. "Stempel"  
 Wil-X Mfg. Corp., 29 Ryerson, Bklyn, N. Y. "Wilbur"  
 Woodhill Chemical Co., 2178 E. 76th, Cleveland, O. "Duro"

**EXTRACTORS, Angleworm**

Day Bait Co., Port Huron, Mich. "No-Dig"

**EXTRACTORS, Cotton Pin**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Billings & Spencer Co., Hartford, Conn.  
 Carver Tool Wks., Spring Valley, N. Y.  
 Clinton Mach. Wks., Clinton, Mass.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J. "HY-Power"  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Mound Tool Co., St. Louis, Mo.  
 Plomb Tool Co., Los Angeles, Cal.  
 Tiffany, Carroll B., Conklin, N. Y. "Ace"  
 United States Tool Corp., Louisiana, Mo.  
 Vlecek Tool Co., 3006 E. 87th, Cleveland, O.

**EXTRACTORS, ELECTRIC EARTHWORM—See Worm Changers, Electric**

**EXTRACTORS, FRUIT—See Presses, Fruit**

**EXTRACTORS, Fruit Juice**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Bridgeport Castings Co., Bridgeport, Conn. "Duo-Krush"  
 Chicago Electric Mfg. Co., Chicago, Ill. "Juicid"  
 Chicago Flexible Shaft Co., Chicago, Ill. "Sunbeam Mixmaster," (Elec.)  
 Crest Specialty Co., 668 Washington Blvd., Chicago, Ill. "Crest"  
 Dasey Churn & Mfg. Co., St. Louis, Mo. "Dasey Speedo"  
 Doehler Die Casting Co., Toledo, O. "Juicemaster"  
 Dormeyer (A. F.) Mfg. Co., 4316 N. Kilpatrick Ave., Chicago, Ill. "De Luxe," "Dormeyer," "Mix-rite"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Fitzgerald Magic Maid" (Electric)  
 General Hardware Co., Milwaukee, Wis.  
 General Mfg. Co., Inc., 1110 E. 5th, Dayton, O. "Servmor"  
 Gilbert (A. C.) Co., New Haven, Conn. "Sunkist Junior," "Sunkist Junorette" (Electric)  
 Griawold Mfg. Co., Erie, Pa.  
 Hamilton Beach Co., Racine, Wis.  
 Handy-Andy Specialty Co., 39-40 22d, Long Island City, N. Y.  
 Handy Things Mfg. Co., Ludington, Mich.  
 Hoe Corp., Poughkeepsie, N. Y. "Merryway" (Electric)  
 Holmes Mfg. Co., Los Angeles, Cal. "California"  
 Jiffy Juicing Machines, Inc., 317 Wall, Seattle, Wash. "Zippy Juicer"  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lawner-Martin Corp., 535 Fifth Av., New York, N. Y. "Scientifik"  
 Littlestown Hdw. Fdry. Co., Littlestown, Pa.  
 Lyons Mfg. Co., Mt. Carmel (New Haven), Conn. "Multijuicer"  
 Magnavox Co., Ltd., Fort Wayne, Ind. "Seald Sweet"  
 Modern Diet Products Supply Co., 1428 N. 28th, Milwaukee, Wis. "Juicex"  
 National Die Casting Co., 600 N. Albany Av., Chicago, Ill. "De Luxe Juice King," "Juice King," "Ream King," "Super Juicer"  
 New Standard Corp., Mt. Joy, Pa. "Dandy"  
 Nu-Dell Mfg. Co., Inc., 501 W. Huron, Chicago, Ill. OJX, Inc., Froystroff, Fla. "OJX"  
 Pease, E. S., Naylor Bldg., Buffalo, N. Y. "Radnt"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Rival Mfg. Co., 307 Westport Rd., Kansas City, Mo. "Acme," "Instant," "Juice-O-Mat," "Juicerette," "Jumbo," "New Rival"  
 Robbins & Myers Co., Springfield, O. (Combination Drink Mixer)  
 Scurlough Kontanerette Corp., 1477 Merchandise Mart, Chicago, Ill. "Rotorette"  
 United Royalties Corp., 1133 B'way, New York, N. Y.  
 United States Lock & Hdw. Co., Columbia, Pa.  
 Wagner Mfg. Co., Fair Av., Sidney, O.  
 Wrightsville Hdw. Co., Wrightsville, Pa. "Brighton"

**EXTRACTORS, Hook**

Enterprise Mfg. Co., Dept. HA, Akron, O.

**EXTRACTORS, Pipe**

Ridge Tool Co., Elyria, O. "Rigid Longrip"

**EXTRACTORS, Screw**

Alvord-Polk Tool Co., Millersburg, Pa. "Alpo"  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O. "Ezy-Out"  
 Fleming (J. P.), Inc., Worcester, Mass. "Flemco"  
 Greenfield Tap & Die Corp., Greenfield, Mass. "Little Giant"  
 Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 Ridge Tool Co., Elyria, O. "Rigid Longrip"  
 Standard Tool Co., Cleveland, O.

# PAINE ANCHORS ARE PACKAGED For QUICK SALES



## AND PROFITS

A COMPLETE LINE TO MEET  
ALL REQUIREMENTS

Our National Trade Publication Advertising to over 400,000 Carpenters, Electricians, Factories, Institutions and Plumbers assures you of a fast turnover and a substantial profit.

**PAINE SPRING WING TOGGLE BOLTS** are the latest development in this type of Anchoring device and are available in 9 different styles in standard diameters and lengths—all heavily Cadmium Plated. The Spring Wings are easily compressed and automatically spread to anchoring position when slipped through bolt hole.

### PAINE "EXTRA-STRENGTH" LEAD EXPANSION ANCHORS



Fig. 900

Here are two Lead Anchors you can recommend and sell with complete confidence for fastening small machine tools, benches, shelving, plumbing fixtures, electrical equipment and other devices in solid walls, floors and ceilings. They are simple and easy to install and can be used safely in the most fragile materials. Their advanced design and rugged construction—from a special lead mix—assure a secure anchorage.



Fig. 910



Fig. 950

positive thread. Outside has new design that assures shield gripping entire circumference and depth of hole.

### PAINE FIBER WOODSCREW ANCHORS

A fast-moving item.

Assures secure anchorage in wood, brick, tile, marble, slate, and other fragile materials, made of strong semi-plaster material.

Ask your Jobber TODAY for PAINE Anchors, and write for FREE complete Catalog of PAINE Products.

## THE PAINE CO.

2963 Carroll Ave., Chicago, Ill.

Representatives in all principal cities.  
New York Warehouse & Sales: 48 Warren St.



# SHIELD BRAND TOOLS



TWIST DRILLS • REAMERS  
MILLING CUTTERS • TAPS  
DRILL CHUCKS • SPECIAL TOOLS

## THE STANDARD TOOL CO.

Cleveland

NEW YORK • DETROIT • CHICAGO

Mention Hardware Age When Writing

Digitized by Google

# EXTRACTORS, Shell

Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble's"  
Union Hdw. Co., Torrington, Conn.

# EXTRACTORS, Sineu, Chicken & Turkey

International Edge Tool Co., Inc., 43 S. 6th, Newark, N. J.

# EXTRACTORS, Tap

Walton Co., 100 Ailyn, Hartford, Conn. "Walton"

# EXTRACTORS, Vegetable Juice

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"  
Ehbart Mfg. Co., Troy, O.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Modern Diet Products Supply Co., 1428 N. 24th, Milwaukee, Wis. "Health Mine," "Juicer"  
New Standard Corp., Mount Joy, Pa. "Health Way"  
Veg-O-Mat Machine Co., Inc., 100 W. 21st, New York, N. Y. "Veg-O-Mat"

# EYE BOLTS—See Bolts, Eye

# EYE and HOOK HINGES—See Hinges, Hook and Eye

# EYE SHIELDS, Tennis—See Visera, Sport

# EYELET PLIERS—See Pliers, Eyelet

# EYELET PUNCHES—See Punches, Eyelet

# EYELETS

(See also Grammets)  
American Specialty Co., Bridgeport, Conn.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Bates Mfg. Co., Orange, N. J. "Samson"  
Empire Electric & Mfg. Co., Plainville, Conn.  
Eyelet Tool Co., Boston, Mass.  
Horn (Wm. H.) & Bro., Phila., Pa.  
Hughes Eyelet Co., Taunton, Mass.  
Neider (F. A.) Co., Augusta, Ky.  
Platt & Bros. Co., Waterbury, Conn.  
Rhodes (John C.) & Co., New Bedford, Mass.  
Shiley (E. L.) Mfg. Co., Bennington, Vt.  
Simpson (Edwin B.) Co., 68 Franklin Av., Bklyn., N. Y.  
United Fast Color Eyelet Co., Boston, Mass.  
Waterbury Brass Goods Corp., Waterbury, Conn.

# EYERS, Pineapple

Davis Mfg. Co., Reading, Pa.

# EYES, Padlock

Brainerd Mfg. Co., East Rochester, N. Y.  
Earle Lock Co., Terryville, Conn.  
Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
Griffin Mfg. Co., Erie, Pa.  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Mfg. Co., Sterling, Ill.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Warner Mfg. Co., Cedar Falls, Ia.  
Yale & Towne Mfg. Co., Stamford, Conn.

# EYES, Pole and Shaft

Clapp (E. D.) Mfg. Co., Auburn, N. Y.

# EYES, Porcelain, Insulated

Brooks (M. S.) & Sons, Chester, Conn.  
Merrill Mfg. Corp., Merrill, Wis.

# EYES, Screw

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
Bethlehem Steel Co., S. Bethlehem, Pa.  
Brooks (M. S.) & Sons, Chester, Conn.  
Champion Hardware Co., Geneva, O.  
Harper (H. M.) Co., Chicago, Ill.  
Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y. (Heavy)  
Hindley Mfg. Co., Valley Falls, R. I.  
Jackets (E. J.) Mfg. Co., Worcester, Mass.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Larson (Chas.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
Lawrence Bros., Sterling, Ill.  
Merrill Mfg. Corp., Merrill, Wis.  
Parker Metal Goods Co., 18 Grafton, Worcester, Mass.  
Parker Wire Goods Co., Worcester, Mass.  
Sargent & Co., New Haven, Conn.  
Smith Bros. Machine Co., New Britain, Conn.  
Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
Washburn Company, Worcester, Mass.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

# EYES, Transom

Barrows Lock Wks., of Yale & Towne Mfg. Co., No. Chicago, Ill.  
Chapman Hardware & Tool Co., Fitchburg, Mass.  
Corbin, P. & F., New Britain, Conn.  
Gentry (H. S.) & Co., Inc., 3348 N. 10th, Phila., Pa.  
Hess (H. B.) Co., New Haven, Conn.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Reading Hdw. Co., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sargent Lock Wks. of Yale & Towne Mfg. Co., No. Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Yale & Towne Mfg. Co., Stamford, Conn.

# EYES and HOOKS, Gate—See Hooks and Eyes, Gate

# FABRIC MENDING CREAM—See Compound, Clothes Mending

# FABRIC WATERPROOF COMPOUNDS—See Compounds, Fabric, Waterproof

# FABRICS, Waterproofing

Barrett Co., 40 Rector, New York, N. Y.

# FACTORY BROOMS—See Brooms, Warehouse, Mill and Factory

# FACTORY DOOR BOLTS—See Bolts, Door, Factory and Garage

# FACTORY FLOOR SWEEPERS—See Sweepers, Floor, Factory

# FACTORY STOOLS—See Stools, Shop

# FACTORY SUPPLIES—See article desired

# FACTORY TRUCKS—See Trucks, Store, Warehouse and Factory

# FAMILY SCALES—See Scales, Household or Family

# FAMILY UTILITIES—See under Household

# FAN BELTS—See Belts, Fan

# FAN WINDSHIELD DEFROSTERS—See Defrosters, Windshield, Fan

# FANCY CANDLES—See Candles, Fancy

# FANS, Attic, Electric

Airmaster Corp., 140 S. Dearborn, Chicago, Ill.  
American Blower Corp., 6000 Russell, Detroit, Mich. "Ventura"  
Autovent Fan & Blower Co., 1827 N. Kostner Av., Chicago, Ill.  
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.  
Diehl Mfg. Co., Elizabethport, N. J.  
Emerson Electric Mfg. Co., 1824 Washington Av., St. Louis, Mo.  
General Electric Co., 5 Lawrence, Bloomfield, N. J. "G-E"  
Ilg Electric Ventilating Co., 2850 N. Crawford Av., Chicago, Ill.  
International Engineering, Inc., 1145 Bolander Av., Dayton, O. "Kool-Waiv"  
Johnson Fan & Blower Corp., 1319 W. Lake, Chicago, Ill. "Health-Aire"  
Kisco Co., Inc., 39th & Chouteau, St. Louis, Mo.  
Russell Electric Co., 340 W. Huron, Chicago, Ill. "Giant Nite"  
Smith (F. A.) Mfg. Co., 255 N. Union, Rochester, N. Y.  
Sparton Electric Co., 255 N. Union, Rochester, N. Y.  
Universal Blower Co., Birmingham, Mich.  
Viking Air Conditioning Corp., 9500 Richmond Av., S.E., Cleveland, O. "Circulator"  
Wagner Electric Corp., 6456 Plymouth Av., St. Louis, Mo.  
Westinghouse Electric & Mfg. Co., Mansfield, O.

# FANS, Electric, Portable

Aircraft Mfg. Co., Dayton, O. "Fan-O-Plane"  
Airmaster Corp., 140 S. Dearborn, Chicago, Ill.  
Alliance Mfg. Co., Alliance, O. "Powr-Pakt"  
Autovent Fan & Blower Co., 1819 N. Kostner Av., Chicago, Ill.  
Bersted Mfg. Co., Fostoria, O. "Eskimo"  
Birtman Electric Co., Chicago, Ill. "Fan-O-Heat"  
Chicago Electric Mfg. Co., Chicago, Ill. "Handy-breeze"  
Chicago Flexible Shaft Co., Chicago, Ill. "Sun-beam Air Master"  
Cook Electric Co., 2700 Southport Av., Chicago, Ill. "Cook"  
Crosley Corp., 1329 Arlington, Cincinnati, O. "Temper-ator"  
Dallas Engineering Corp., 1115 Hall, Dallas, Tex. "Airplane"  
Delco Appliance, Div. General Motors Sales Corp., 425 Lyell Av., Rochester, N. Y. "Delco"  
Diehl Mfg. Co., Elizabethport, N. J. "Diehl," "Rib-bonaire"  
Dominion Electrical Mfg. Co., 22 Elm, Mansfield, O.  
Electro Mfg. Co. of America, Phila., Pa. "Circular"  
Emerson Electric Mfg. Co., St. Louis, Mo. "Northwind," "Seabreeze," "Silver Swan"  
Fidelity Electric Co., Lancaster, Pa.  
Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
Fresh'nd-Aire Co., 2626 W. Washington Blvd., Chicago, Ill. "Fresh'nd-Aire"  
General Electric Co., 5 Lawrence, Bloomfield, N. J. "G-E"  
Gilbert (A. C.) Co., New Haven, Conn. "Polar Cub"  
Hunter Fan & Ventilating Co., Fulton, N. Y.  
ILG Electric Ventilating Co., 2850 N. Crawford Av., Chicago, Ill. "ILG"  
International Engineering, Inc., Dayton, O. "Kool-Waiv"  
International Oil Burner Co., Inc., Spring and Park Aves., St. Louis, Mo. "Deluxe," "Clover-Leaf," "Hi-Boy"  
Kisco Co., Inc., 39th & Chouteau, St. Louis, Mo. "Circle-ator"  
Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "Jack Frost," "Koldair," "Kwi Kool," "Zip"  
Knight Mfg. & Sales Co., 1606 N. Haskell Av., Dallas, Tex.  
Landers, Frary & Clark, New Britain, Conn. "Universal" (Also Combination Heater)  
Lydon-Bricher Mfg. Co., St. Paul, Minn. "L-Baero"  
Marathon Electric Mfg. Corp., Wausau, Wis.  
Master Electric Co., Dayton, O. "Master-Bilt"  
Peerless Electric Co., Warren, O.  
Piqua Electric Mfg. Co., Piqua, O. "Aerovent"

Robbins & Myers, Springfield, O. "Standard"  
Roffy Mfg. Co., 1121 Venice Blvd., Los Angeles, Cal.  
Roto-Beam Corp. of America, Inc., 3300 S. Indiana Av., Chicago, Ill. "Roto-Beam"  
Samson-United Corp., Rochester, N. Y. "Safe-Flex" (Rubber Blades)  
Savory, Inc., 591 Ferry, Newark, N. J. "Savory Airator"  
Signal Electric Mfg. Co., Menominee, Mich. "Cool Spot," "Signal"  
Smith (F. A.) Mfg. Co., Inc., 255 N. Union, Rochester, N. Y. "Arctic Aire"  
Sparton Electric Co., 255 N. Union, Rochester, N. Y. Standard Transformer Corp., Chicago, Ill. "Stan-cor"  
Victor Electric Products, Inc., 2950 Robertson Av., Cincinnati, O. "Victor Breeze-Spreaders," "Victor Tornado," "Victor Zephyr"  
Vidrio Products Corp., 3920 Calumet Av., Chicago, Ill.  
Wagner Electric Corp., St. Louis, Mo.  
Weinig-Made-Rite Co., 10750 Berea Rd., Cleveland, O. "Made-Rite"  
Westinghouse Electric & Mfg. Co., Mansfield, O.  
West Wind Corp., Seattle, Wash.  
Wiegand (Edwin L.) Co., Pittsburgh, Pa. "Heat-flo"

# FANS, Exhaust

Airmaster Corp., 140 S. Dearborn, Chicago, Ill.  
Allen Corp., Detroit, Mich.  
American Blower Co., 6000 Russell, Detroit, Mich. "Sirocco," "Ventura"  
Autovent Fan & Blower Co., 1819 Kostner Av., Chicago, Ill.  
Barnard & Leas Mfg. Co., Moline, Ill.  
Buffalo Forge Co., Buffalo, N. Y.  
Champion Blower & Forge Co., Lancaster, Pa.  
Connecticut Blower Co., 183 Ann, Hartford, Conn. "Connecticut"  
Dallas Engineering Co., 1115 Hall, Dallas, Tex.  
Delco Appliance, Div. General Motors Sales Corp., 425 Lyell Av., Rochester, N. Y. "Delco"  
Diehl Mfg. Co., Elizabethport, N. J. "Diehl"  
Emerson Electric Mfg. Co., St. Louis, Mo. "Emerson," "Northwind," "Seabreeze"  
Federal Electric Co., Chicago, Ill. "Airmaster"  
Fidelity Electric Co., Lancaster, Pa.  
Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
Forker Corp., 4604 Prospect Av., Cleveland, O.  
Good-All Electric Mfg. Co., 251 Spruce, Ogallala, Neb. "Good-All"  
Hartford Blower Co., Hartford, Conn.  
Hunter Fan & Ventilating Co., Fulton, N. Y.  
Ilg Electric Ventilating Co., Chicago, Ill.  
International Engineering, Inc., Dayton, O. "Kool-Waiv"  
Kirk & Blum Mfg. Co., Cincinnati, O.  
Marathon Electric Mfg. Corp., Wausau, Wis.  
Meier Electric & Machine Co., Indianapolis, Ind. "Nu-Air"  
National Stamping & Elec. Wks., Chicago, Ill. "White Cross Breeze"  
Peerless Electric Co., Warren, O.  
Perkins (B. F.) & Son, Inc., Holyoke, Mass.  
Robbins & Myers, Springfield, O. "Standard"  
Roto-Beam Corp. of America, Inc., 3300 S. Indiana Av., Chicago, Ill. "Roto-Beam"  
Russell Electric Co., 378 W. Huron, Chicago, Ill. "Hold-Heat"  
Shepler (F. W.) Stove Co., Pittsburgh, Pa.  
Signal Electric Mfg. Co., Menominee, Mich. "Signal"  
Smith (F. A.) Mfg. Co., Inc., 255 N. Union, Rochester, N. Y. "Arctic Aire"  
Sparton Electric Co., 255 N. Union, Rochester, N. Y.  
Sturtevant Cooling & Air Conditioning Co., Hyde Park, Boston, Mass.  
Universal Blower Co., Birmingham, Mich. "Ventor"  
Victor Electric Products, Inc., 2950 Robertson Av., Cincinnati, O. "Victor Force-Airs," "Victor In-Bilts," "Victor Clean-Airs"  
W-W Feed Grinder Corp., Wichita, Kan. "Common Sense"  
Wagner Electric Corp., St. Louis, Mo.  
Ward Mfg. Co., 10 E. Milwaukee Av., Detroit, Mich. "Electro-Way-Vent-Fan"  
Westinghouse Electric & Mfg. Co., Mansfield, O.  
West Wind Corp., Seattle, Wash.

# FANS, Furnace, Automatic

American Foundry & Furnace Co., Bloomington, Ill.  
Autovent Fan & Blower Co., 1811 N. Kostner Av., Chicago, Ill.  
Campbell Heating Co., Des Moines, Ia.  
Emerson Electric Mfg. Co., St. Louis, Mo.  
Garden City Fan Co., Chicago, Ill.  
Ilg Electric Ventilating Co., Chicago, Ill.  
International Engineering, Inc., Dayton, O. "Kool-Waiv"  
Johnson Fan & Blower Co., Chicago, Ill.  
Peerless Electric Co., Warren, O.  
Roan Mfg. Co., Racine, Wis.  
Russell Electric Co., 378 W. Huron, Chicago, Ill. "Hold-Heat"  
Victor Electric Products, Inc., 2950 Robertson Av., Cincinnati, O. "Victor Heat Boosters"  
Wagner Electric Corp., St. Louis, Mo.  
Warm Air Furnace Co., Cleveland, O.

# FANS, WINDSHIELD, DEFROSTING—See Defrosters, Windshield, Fan

# FARM BASKETS—See Baskets, Farm

# FARM BOILERS—See Boilers, Farm

# FARM CHURNS—See Churns, Farm

# FARM FENCE—See Fence, Poultry; also Fence, Wire



# PROFIT-MAKERS EXTRAORDINARY

## GAMES

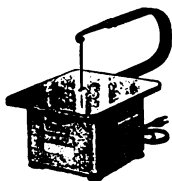


### SYNCRO Deluxe Power Saw

An excellent tool for home craftsmen. Economical, durable, with self contained power, it has ample power at maximum efficiency. A new item in the Syncro line rapidly proving its worth as a fast seller. Throat clearance 16". Table top 10". List Price \$12.50

### SYNCRO Power Saw

Strong, durable and portable, Syncro Saws never need oiling. No parts to wear out, no outside motors nor driving belts. 7200 strokes per minute. Clean, smooth edges. Easily cuts wood to 3/4" thick. 13 1/2" Throat Clearance, 10" Table. List Price \$10.95



### SYNCRO Jr. Jig Saw

is the finest educational toy-tool made. Gives youngsters a chance to develop individuality and earn their own money, yet can't hurt themselves. Cuts wood 1/2" thick. Ideal for model work. List Price \$5.95



### 6 Games in One

An all metal lithographed game disk. A marble game for playing BASEBALL, JACK POT, PUT'n TAKE, ODD'N EVEN, RITHMETIC, ADDIT—fascinating, thrilling, enticing games. List Price \$1.00

### Other Syncro Games: PYL-O-MID

{Alphabet Baseball}  
{Tabulated Football}

2 games in one— List Price \$1.00

### UPSON DOWNS

Horse Races—The Sport of Kings Complete outfit, with playing board. Metal horses and special playing cards. List Price \$2.00

These games are NEW, novel, exciting, and become very popular in a short time after introduction.

Syncro devices for amusement, instruction and construction are designed to profit the dealer. Liberal discounts to the trade. Merchandise sold only through trade channels. Devices that bring to your store a new type of buyer; the young in spirit.

Follow the example of thousands of dealers and get set with Syncro today.

### SYNCRO MINIATURE MOTORS, Type B 30

### The Head of the B Class



An instant success from the moment of its introduction. Used for powering model airplanes, boats, racing automobiles. Weighs only 5 1/2 oz. Bore 13/16", Stroke 9/16", Displacement .292. H. P. 1/7 to 1/6, 700 to 15,000 R. P. M. New design timer eliminates contact points. Cylinder and manifolds in one unit, 3 piston rings, positive set carburetion, forced feed lubrication. Comes complete with coil, condenser and spark plug. List Price \$6.95

Send for Catalog J40 for complete details of Syncro line of Racing Car Kits, Parts, Woodworking Kits, etc.

### SYNCRO DEVICES, INC.

743 Beaubien, Detroit, Michigan  
N. Y. Showrooms—200 Fifth Ave.

New Model "F"  
Price: 18"  
\$69.90

F.O.B.  
Factory



4 sizes: 18", 20", 22" and 24"  
Equipped with New Briggs & Stratton 4-cycle motor.

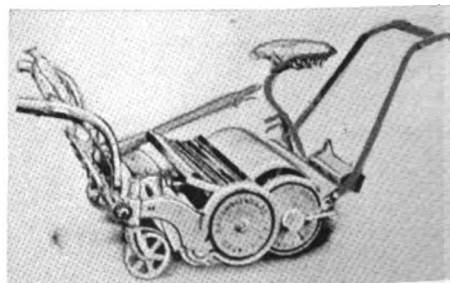
## TOWNSEND

### Hand, Power and Horse Mowers

For 44 years the name Townsend has carried "Sales Appeal" in *quality and price*—it is a "Buy-Word" for Power, Hand and Horse Lawn Mowers that are *absolutely dependable*. The New Model "F" Power Mower (equipped with 1941 clutch, entirely different than any other) is a sensation at the *low retail price*. Townsend Hand Mowers are simply unbeatable. The Townsend Triple Ratchet Horse Lawn Mowers have upheld this leadership for 31 consecutive seasons, and the Townsend Gang Horse Mowers have served thousands of users for more than a quarter of a century. Send for Literature and Trade-prices on the complete line.

**SAMUEL P. TOWNSEND  
LAWN MOWER CO.**

**Bloomfield, New Jersey**

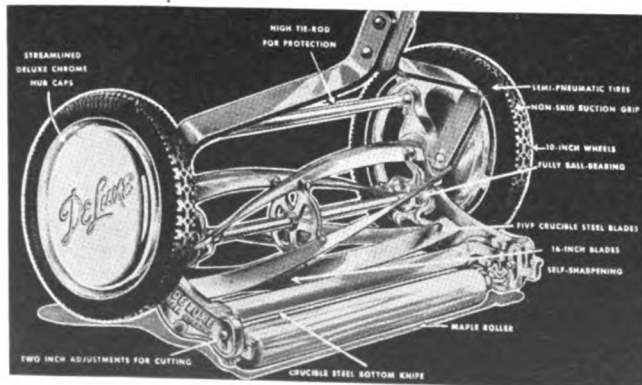


### Townsend's Triple Ratchet Lawn Mower

Made in three sizes—30"-35" and 38". The triple pawls in each roll make the most powerful and instantaneous driving mechanism ever put in a lawn mower. Operator can instantly change height of cut without stopping horse or leaving his seat.

### Townsend's Glorious Gang Horse Mowers

With 3 or 5 cutting units. The outstanding leader for over 25 years in their particular field. Cutting units 30". Width of cut 86". Hyatt Roller Bearings.



**Townsend's  
New DeLuxe  
Rubber  
Tired  
Ball-Bearing  
Hand  
Lawn Mower**



**Mention Hardware Age When Writing**

**FARM GATES**—See Gates, Farm  
**FARM LEVELS**—See Levels, Farm  
**FARM LIGHTING PLANTS**—See Lighting Plants, Farm, Electric  
**FARM POWDER**—See Powder, Blasting  
**FARM TOOLS and IMPLEMENTS**—See article desired  
**FARM WAGONS**—See Wagons, Farm  
**FARM WIRE FENCE**—See Fence, Wire  
**FARRIERS' HAMMERS**—See Hammers, Farriers' Forged Steel  
**FARRIERS' KNIVES**—See Knives, Farriers'  
**FARRIERS' TOOLS**—See Tools, Farriers'; also kind desired

### **FASTENERS, Bed**

Greene (G. G.) Mfg. Co., Warren, Pa.  
 Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 Stanley Wks., New Britain, Conn.

### **FASTENERS, Belt**

(See also Hooks, Belt)

Armstrong-Bray & Co., 804 N. Loomis, Chicago, Ill. "Wire Grip"  
 Bristol Co., Waterbury, Conn.  
 Clipper Belt Lacer Co., Grand Rapids, Mich.  
 Crescent Belt Fastener Co., 247 Park Av., New York, N. Y.  
 Detroit Belt Lacer Co., Detroit, Mich.  
 Dick (R. & J.) Co., Inc., Passaic, N. J. "Walker"  
 Eastern Malleable Iron Co., Naugatuck, Conn. "Potter"  
 Edwards (H. D.) & Co., Detroit, Mich.  
 Flexible Steel Lacing Co., 4616 Lexington, Chicago, Ill. "Alligator," "Flexo H. D."  
 Jackson (Isaac) Belt Fastener Co., 18 Vesey, New York, N. Y.  
 Jewell Belt Hook Co., Naugatuck, Conn.  
 Manufacturers' Belt Hook Co., Chicago, Ill. "Eagle"  
 Parker Metal Goods Co., Worcester, Mass.  
 Pratt (Wm. E.) Mfg. Co., Joliet, Ill.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O.  
 Roebeling's (John A.) Sons Co., Trenton, N. J.  
 Safety Belt Lacer Co., Toledo, O. "Safety"  
 Sargent & Co., New Haven, Conn.  
 Sawyer Belt Hook Co., Pawtucket, R. I. "Potter," "Sawlico," "Sawyer Clinching," "Standard," "Thacher"  
 Standard Belt Fastener Co., Unionville, Conn. "Standard"  
 Stow, E. J., 163 W. Wash., Chicago, Ill.  
 Talcott (W. O. & M. W.), Inc., 91 Sabin, Providence, R. I. "Talcott"  
 Thacher Belt Hook Co., Pawtucket, R. I.  
 Washburn Company, Worcester, Mass.

### **FASTENERS, Board Insulation**

V-W Co., 208 Oak, Columbus, O. "Hid-In Clips"

### **FASTENERS, Box**

Acme Steel Co., 2838 Archer Av., Chicago, Ill.  
 Signode Steel Strapping Co., 2635 N. Western Av., Chicago, Ill. "Apex"  
 Stanley Wks., New Britain, Conn.

### **FASTENERS, Carpet and Rug**

Best (John H.) & Sons, Galva, Ill.  
 Davidson, N. K., Phila., Pa.  
 Donchian, Samuel, Rug Co., Hartford, Conn. "Sultan"  
 Gould-Mercereau Co., Inc., 189 Lexington Av., New York, N. Y.  
 Kroder Reubel Co., Inc., 108 Meeker Av., Bklyn., N. Y.  
 Scovill Mfg. Co., Waterbury, Conn.  
 United Carr Fastener Corp., Cambridge, Mass.  
 Walden Koh-I-Noor, Inc., Anable Av., Long Island City, N. Y.

### **FASTENERS, Clothes Line**

Atlas-Ansonia Co., New Haven, Conn. "Atlas"  
 Champion Hardware Co., Geneva, O.  
 Han-Dee Mfg. Corp., Hartford, Conn. "No-Sag"  
 Imp Mfg. Co., 2139 Hopkins, Oakland, Cal.  
 Jiffy Products Co., 3718 W. Lancaster Av., Milwaukee, Wis. "Hang-On"  
 Late Mfg. Co., Clarendon, Wis. "Little Wonder"  
 Stanley Wks., New Britain, Conn. "Pul-Tite"  
 Stover Mfg. & Engine Co., Freeport, Ill. "Jiffy"

**FASTENERS, Corrugated**—See Fasteners, Wood Joint, Corrugated

### **FASTENERS, Curtain**

Auto-Vehicle Parts Co., Newport, Ky. "Auveco"  
 Carr Fastener Co., Cambridge, Mass. "Dot"  
 Metal Stamping Co., 44-02 11th, Long Island City, N. Y. "Ajax," "Perfecto," "Standard"  
 North & Judd Mfg. Co., New Britain, Conn.  
 Scovill Mfg. Co., Plumbers' Brass Goods Div., Waterbury, Conn.

### **FASTENERS, Door, Safety**

Champion Hardware Co., Geneva, O.  
 Chelsea Metal Stamping Co., 95 8th Av., New York, N. Y. "Leon"  
 Cheiliff Mfg. Co., 501 7th Av., New York, N. Y. (With Bell)  
 City Plating & Mfg. Co., St. Louis, Mo.  
 Corbin, P. & F., New Britain, Conn.  
 Detroit Hardware Mfg. Co., Detroit, Mich.  
 Ernst (Henry) Mfg. Co., 180 N. Wacker Drive, Chicago, Ill. "Racine," "Savent"

Getty (H. S.) & Co., Inc., 3348 N. 10th, Phila., Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Gullborg (John S.) Mfg. Co., 4313 Ravenswood Av., Chicago, Ill. "Safeguard"  
 Ives (H. B.) Co., New Haven, Conn.  
 Kawnoor Co., Niles, Mich.  
 Lockwood Hardware Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Milwaukee Stamping Co., Milwaukee, Wis. "Milwaukee"  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Pack, Stow & Wilcox Co., Southington, Conn.  
 Rawlings Co., 93 Lafayette, Newark, N. J. "Simplex"  
 Reading Hardware Corp., Reading, Pa.  
 Reese Padlock Co., Lancaster, Pa.  
 Russell (J. M.) Mfg. Co., Naugatuck, Conn.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 S-B Mfg. Co., Milwaukee, Wis.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Shelton Tool Co., Shelton, Conn.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

### **FASTENERS, Hoop**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Milwaukee Tack Co., Milwaukee, Wis.

### **FASTENERS, License Plate**

Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Gulotta (Charles) Co., 81 Cooper Av., Glendale, L. I., N. Y.  
 Parker-Kalon Corp., 200 Varick, New York, N. Y. "P-K"  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Schartow Iron Products, Inc., Racine, Wis. "Sipco"  
 Snyder, Inc., 813 Noble, Phila., Pa.  
 Stevens Walden, Inc., Worcester, Mass.  
 Wald Mfg. Co., Inc., Maysville, Ky.

**FASTENERS, Paper**—See Clips and Fasteners, Paper

**FASTENERS, Refrigerator**—See Refrigerator Hardware

### **FASTENERS, Ridge Roll**

Atlas Tack Corp., Fairhaven, Mass. "Atlas"

### **FASTENERS, Ring, Awning**

DeHymel Mfg. Co., Ltd., 2440 E. Foothill Blvd., Pasadena, Cal. "Perfects"

### **FASTENERS, Ring**

A. & F. Products, 1 W. 37th, New York, N. Y. "Holdems"  
 Fulton Products Co., Essex Bldg., Bernardsville, N. J. "Sav-A-Chair"

**FASTENERS, Sash**—See Locks, Sash

**FASTENERS, Screen and Storm Sash**—See Hangers, Window Screen and Storm Sash

**FASTENERS, Slate**—See Hooks, Slate

**FASTENERS, Storm Sash**—See Hangers, Window Screen and Storm Sash

### **FASTENERS, Tag**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. (Meat)  
 Crofoot (J. B.) Co., Mount Prospect, Ill.  
 Signode Steel Strapping Co., 2635 N. Western Av., Chicago, Ill. "Apex"

### **FASTENERS, Tire Chain**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Weed"  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Frey, the Wheelman, Inc., Buffalo, N. Y.  
 Hodell Chain Co., 8934 Cooper Av., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"

**FASTENERS, Window, Casement**—See Adjusters, Window, Casement

**FASTENERS, Window, Screen**—See Hangers, Window, Screen

### **FASTENERS, Wood Joint**

Clamp Nail Co., 4540 Palmer, Chicago, Ill.  
 Superior Fastener Corp., 5224 N. Clark, Chicago, Ill.  
 "Skotch"  
 Wright Products Mfg. Co., Minneapolis, Minn. "Ehl"  
 Wash Co., Inc., 720 N. Bowman Av., Danville, Ill. "Macks"

### **FASTENERS, Wood Joint, Corrugated**

Acme Steel Co., 2838 Archer Av., Chicago, Ill. "Acme"  
 Independent Metal Strap Co., 230 3rd, Brooklyn, N. Y. "Royal"  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
 Nuss Bros., Williamsport, Pa.  
 Signode Steel Strapping Co., 2635 N. Western Av., Chicago, Ill. "Apex"  
 Stanley Wks., New Britain, Conn.

**FAT FRYING THERMOMETERS**—See Thermometers, Candy, Jelly and Fat Frying

**FAUCET ADAPTERS**—See Adapters, Faucet

**FAUCET ANTI-SPLASHERS**—See Anti-Splashers, Faucet

**FAUCET CONNECTIONS**—See Adapters, Faucet

**FAUCET FILTERS**—See Filters, Faucet

**FAUCET REPLACEMENT STEMS**—See Faucets, Replacement Stems

**FAUCET RESEATING TOOLS**—See Tools, Reseating, Faucet

**FAUCET SEAT**—See Seats, Faucet

**FAUCET SPRAYS**—See Sprays, Faucet

**FAUCET WASHERS**—See Washers, Faucet

### **FAUCETS, Basin**

American Brass Novelty Co., Grand Haven, Mich.  
 Barnes Mfg. Co., Mansfield, O.  
 Bashlin Co., Warren, Pa.  
 Bell (David) Co., Inc., Buffalo, N. Y. "Belco"  
 Capitol Brass Wks., Detroit, Mich.  
 Central Brass Mfg. Co., 2950 E. 55th, Cleveland, O.  
 Chicago Faucet Co., Chicago, Ill. "Chi-Fau-Co"  
 Cochrane (J. A.) Brass Mfg. Co., Cleveland, O.  
 Dearborn Brass Co., Cedar Rapids, Ia.  
 Dick Bros., Inc., Reading, Pa.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"

Empire Brass Mfg. Co., Cleveland, O.  
 Fisher Brass, Inc., Marysville, O.  
 Haydenville Co., Haydenville, Mass.  
 Hays Mfg. Co., Erie, Pa.

International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"

Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.

McDonald (A. Y.) Mfg. Co., Dubuque, Ia.

Marvel Machine & Brass Wks., Cleveland, O.

Mueller Co., Decatur, Ill.

Prior Brass Mfg. Co., Kansas City, Mo. "Standard"

Republic Brass Co., 1623 E. 45th, Cleveland, O.

Rockford Brass Works, Rockford, Ill.

Royal Brass Mfg. Co., Cleveland, O. "Royal"

Scovill Mfg. Co., Plumbers' Brass Goods Div., Waterbury, Conn.

Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

Speakman Co., Wilmington, Del.

Sterling Faucet Co., Newcomertown, O.

Walworth Co., 60 E. 42nd, New York, N. Y.

### **FAUCETS, Bath**

American Brass Novelty Co., Grand Haven, Mich.  
 Barnes Mfg. Co., Mansfield, O.  
 Bell (David) Co., Inc., Buffalo, N. Y. "Belco"  
 Capitol Brass Wks., Detroit, Mich.  
 Central Brass Mfg. Co., 2950 E. 55th, Cleveland, O.  
 Cochrane (J. A.) Brass Mfg. Co., Cleveland, O.  
 Dearborn Brass Co., Cedar Rapids, Ia.  
 Dick Bros., Reading, Pa.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"

Empire Brass Mfg. Co., Cleveland, O.  
 Fisher Brass, Inc., Marysville, O.  
 Haydenville Co., Haydenville, Mass.  
 Hays Mfg. Co., Erie, Pa.

International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"

Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.

McDonald (A. Y.) Mfg. Co., Dubuque, Ia.

Republic Brass Co., 1623 E. 45th, Cleveland, O.

Rockford Brass Works, Rockford, Ill.

Royal Brass Mfg. Co., Cleveland, O. "Royal"

Scovill Mfg. Co., Plumbers' Brass Goods Div., Waterbury, Conn.

Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

Sterling Faucet Co., Newcomertown, O.

### **FAUCETS, Beer**

Chicago Faucet Co., Chicago, Ill.

Golden Gate Mfg. Co., 9 Desbrosses, New York, N. Y.

Grand Haven Brass Fdry., Grand Haven, Mich. "Grand"

Illinois Brass Mfg. Co., Chicago, Ill.

Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.

Kitson Co., Phila., Pa. "De Luxe," "Kitco," "Kitson"

Landers, Frary & Clark, New Britain, Conn.

Parker (S.) Hardware Mfg. Corp., 27 Ludlow, New York, N. Y.

Royal Brass Mfg. Co., Cleveland, O. "Royal"

### **FAUCETS, Brass**

Bell (David) Co., Inc., Buffalo, N. Y. "Belco"  
 Capitol Brass Wks., Detroit, Mich.  
 Central Brass Mfg. Co., 2950 E. 55th, Cleveland, O. "Paragon"

Chicago Faucet Co., Chicago, Ill.

Cleveland Brass Mfg. Co., 4606 Hamilton Av., Cleveland, O. "Barrett," "3-33," "4-33"

Cochrane (J. A.) Brass Mfg. Co., Cleveland, O.

Dick Bros., Reading, Pa.

Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"

Fisher Brass, Inc., Marysville, O.

International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"

Keystone Brass & Rubber Co., Broad and Lehigh Av., Phila., Pa.

Kitson Co., Phila., Pa.

Landers, Frary & Clark, New Britain, Conn.

Republic Brass Co., 1623 E. 45th, Cleveland, O.

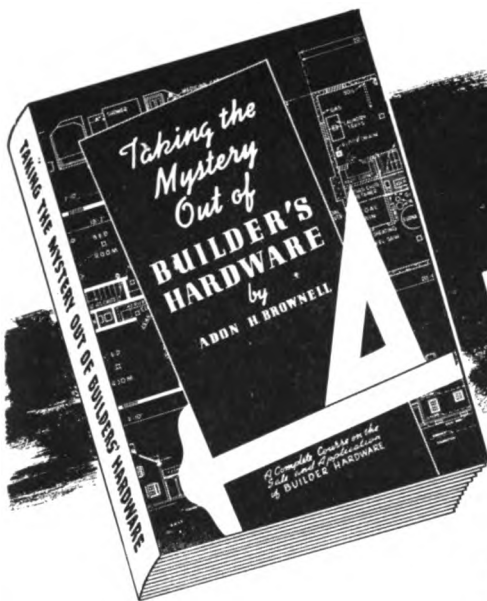
Rockford Brass Works, Rockford, Ill.

Royal Brass Mfg. Co., Cleveland, O. "Royal"

Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

Weidman Mfg. Co., Inc., 168 Centre, New York, N. Y.

Woodford Hydrant Co., Des Moines, Ia.



# Here's the BUILDERS' HARDWARE TEXT BOOK You have been waiting for

You, who have been anxious to add to your knowledge of Builders' Hardware, can now obtain a complete home study course in all phases of this line in one volume.

The BUILDERS' HARDWARE TEXT BOOK really takes the mystery out of Builders' Hardware for you. It brings you all of the chapters in the series of articles "Taking the Mystery Out of Builders' Hardware" which appeared in *HARDWARE AGE* during the past two and a half years. The Elementary, Intermediate and Advanced courses together with all of the Charts, Tables, Working Blue Print, Detailed Drawings, Product Illustrations, Glossary of Builders' Hardware Terms are included as well as many additional features and as a Cross Reference Index.

Adon H. Brownell, the author, has left no stone unturned to make this study as complete and informative as possible. His more than 25 years as a Manufacturer, Buyer and Seller of Builders' Hardware have well equipped him in experience in all details of this line and have made him a recognized authority on this subject. He has a knack of imparting to his readers the knowledge gained during a lifetime spent in the Builders' Hardware business.

If you are a beginner, this book will be a gold mine of ideas, a veritable compendium of answers to problems confronting you. If you are a Builders' Hardware Engineer, this book will be one of the handiest reference works you ever owned.

The cost is \$3.00 per copy, postpaid. Sign the coupon and mail it today to make sure you get your copy promptly upon publication. You can either attach your check for the number of copies you desire or we will invoice you when we send your books.

## Contents of the

### BUILDERS' HARDWARE TEXT BOOK

225 PAGES  
ELEMENTARY COURSE  
INTERMEDIATE COURSE  
ADVANCED COURSE  
WORKING BLUE PRINT  
9 COMPARATIVE CHARTS AND TABLES  
13 LARGE DETAILED DRAWINGS  
GLOSSARY OF BUILDERS' HARDWARE TERMS  
CROSS REFERENCE INDEX  
60 CHAPTERS

Below are listed some of the chapters

Model Stock  
Butts and Hinges  
Locks  
Window Hardware  
Getting Builders' Hardware Prospects  
Scheduling, Marking and Servicing  
Hardware Finishes (Comparative Chart)  
Door Butts (Comparative Chart)  
Jamb—Floor and Checking—Floor Hinges (Comparative Chart)  
Mortise Bit Key Locks and Latches (Comparative Chart)  
Mortise Cylinder Locks and Latches (Comparative Chart)  
Trim for Mortise Locks (Comparative Chart)  
Lock Sets  
Schools of Design  
Window Hardware (Comparative Chart)  
Barn Hardware  
Surface Door Closers (Comparative Chart)  
Floor Hinges, Concealed Closers and Thresholds (Comparative Chart)  
Door Holders and Stop Devices  
Lavatory Hardware (Comparative Chart)  
Office Building and Apartment Hardware (Suggested Lists of Locks)  
School House Hardware (Suggested Lists of Locks)  
Hotel Hardware (Suggested Lists of Locks)  
Hospital Hardware (Suggested List of Locks)  
Federal Specifications  
Sample Rooms

## - USE THIS COUPON -

HARDWARE AGE  
100 East 42nd Street  
New York, N. Y.

Gentlemen:

Send me ..... copy (ies) of the BUILDERS' HARDWARE TEXT BOOK at \$3 per copy.  
☐ Attached is my remittance  
☐ Send me invoice with book

NAME .....

ADDRESS .....

FIRM NAME .....

CITY .....

STATE .....

Mention Hardware Age When Writing

Digitized by Google



**FAUCETS, Cooler, Water**

Brass Products Co., 3661 E. Palmer, Detroit, Mich.  
 Central Brass Mfg. Co., 2950 E. 55th, Cleveland, O.  
 Cordley & Hayes, 145A Hudson, New York, N. Y.  
 Haydenville Co., Haydenville, Mass.  
 National Brass Mfg. Co., Rochester, N. Y.  
 Royal Brass Mfg. Co., Cleveland, O.

**FAUCETS, Laundry Tray**

American Brass Mfg. Co., Cleveland, O.  
 Barnes Mfg. Co., Mansfield, O.  
 Bell (David) Co., Inc., Buffalo, N. Y. "Belco"  
 Capitol Brass Wks., Detroit, Mich.  
 Central Brass Mfg. Co., 2950 E. 55th, Cleveland, O.  
 Chicago Faucet Co., Chicago, Ill.  
 Cochran (J. A.) Brass Mfg. Co., Cleveland, O.  
 Dick Bros., Reading, Pa.  
 Durt Mfg. Co., Inc., 468 B'way, New York, N. Y.

"Dumaco"  
 Empire Brass Mfg. Co., Cleveland, O.  
 Fisher Brass, Inc., Marysville, O.  
 Haydenville Co., Haydenville, Mass.  
 Hays Mfg. Co., Erie, Pa.

International Plumbing Mfg. Co., Inc., 45 Murray,  
 New York, N. Y. "Universal"  
 Keystone Brass & Rubber Co., Broad and Lehigh  
 Av., Phila., Pa.

McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Rockford Brass Works, Rockford, Ill.  
 Royal Brass Mfg. Co., Cleveland, O. "Royal"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Sterling Faucet Co., Newcomerstown, O.  
 Union Die Casting Co., Ltd., 2269 E. 51st, Los  
 Angeles, Cal.

**FAUCETS, Measuring, Molasses**

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila.,  
 Pa. "Enterprise"

**FAUCETS, Oil**

Burlington Brass Wks., Burlington, Wis.  
 Chambers-Bering-Quinlan Co., Decatur, Ill. "Big  
 Boy"

Cleveland Brass Mfg. Co., 4608 Hamilton Av.,  
 Cleveland, O. "Barrett," "3-33," "4-33"  
 Economic Steel Rack Co., Everett, Mass. "Eco-  
 nomic," "N. B."

Fisher Brass, Inc., Marysville, O.  
 Landers, Frary & Clark, New Britain, Conn.  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Mixed Specialties Co., 1971 E. 79th, Cleveland, O.  
 "Tri-Con"

Rockford Brass Works, Rockford, Ill.  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Sommer (John) Faucet Co., 32 Morris Av., Newark,  
 N. J.

Searns (E. C.) Co., Syracuse, N. Y. "Lock Lever,"  
 "Self-Closing," "Stearns Escoco," "Steel Drum"

**FAUCETS, Radiator Filling**

International Plumbing Mfg. Co., Inc., 45 Murray,  
 New York, N. Y. "Universal"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

**FAUCETS, Replacement Stems**

Cleveland Valve Co., 1616 E. 40th, Cleveland, O.  
 "Clevaive"

**FAUCETS, Refrigerator**

Cordley & Hayes, 145A Hudson, New York, N. Y.  
 Haydenville Co., Haydenville, Mass.  
 National Brass Mfg. Co., Rochester, N. Y.  
 Royal Brass Mfg. Co., Cleveland, O.

**FAUCETS, Shampoo**

Barnes Mfg. Co., Mansfield, O.  
 Bell (David) Co., Buffalo, N. Y.  
 Chicago Faucet Co., Chicago, Ill.  
 Empire Brass Mfg. Co., Cleveland, O.  
 Fisher Brass, Inc., Marysville, O.  
 Republic Brass Co., 1623 E. 45th, Cleveland, O.  
 Royal Brass Mfg. Co., Cleveland, O.

**FAUCETS, Sink, Double, Swinging Spout**

American Brass Novelty Co., Grand Haven, Mich.  
 Barnes Mfg. Co., Mansfield, O.  
 Bell (David) Co., Buffalo, N. Y. "Belco"  
 Capitol Brass Wks., Detroit, Mich.  
 Central Brass Mfg. Co., 2950 E. 55th, Cleveland, O.  
 Chicago Faucet Co., Chicago, Ill.  
 Cochran (J. A.) Brass Mfg. Co., Cleveland, O.  
 Dick Bros., Reading, Pa.  
 Durt Mfg. Co., Inc., 468 B'way, New York, N. Y.

"Dumaco"  
 Empire Brass Mfg. Co., Cleveland, O.  
 Fisher Brass, Inc., Marysville, O.  
 Haydenville Co., Haydenville, Mass.

Hays Mfg. Co., Erie, Pa.  
 International Plumbing Mfg. Co., Inc., 45 Murray,  
 New York, N. Y. "Universal"  
 Keystone Brass & Rubber Co., Broad and Lehigh  
 Av., Phila., Pa.

Landers, Frary & Clark, New Britain, Conn.  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Republic Brass Co., 1623 E. 45th, Cleveland, O.  
 Rockford Brass Works, Rockford, Ill.

Royal Brass Mfg. Co., Cleveland, O. "Royal"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Sterling Faucet Co., Newcomerstown, O.

**FAUCETS, Sink, Single**

Barnes Mfg. Co., Mansfield, O.  
 Bell (David) Co., Buffalo, N. Y. "Belco"  
 Capitol Brass Wks., Detroit, Mich.  
 Central Brass Mfg. Co., 2950 E. 55th, Cleveland, O.

Chicago Faucet Co., Chicago, Ill.  
 Cochran (J. A.) Brass Mfg. Co., Cleveland, O.  
 Dick Bros., Reading, Pa.  
 Durt Mfg. Co., Inc., 468 B'way, New York, N. Y.

"Dumaco"  
 Empire Brass Mfg. Co., Cleveland, O.  
 Fisher Brass, Inc., Marysville, O.  
 Haydenville Co., Haydenville, Mass.

Hays Mfg. Co., Erie, Pa.  
 International Plumbing Mfg. Co., Inc., 45 Murray,  
 New York, N. Y. "Universal"  
 Keystone Brass & Rubber Co., Broad and Lehigh  
 Av., Phila., Pa.

Landers, Frary & Clark, New Britain, Conn.  
 Marvel Machine & Brass Wks., Cleveland, O.  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.

Republic Brass Co., 1623 E. 45th, Cleveland, O.  
 Rockford Brass Works, Rockford, Ill.  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Sterling Faucet Co., Newcomerstown, O.

**FAUCETS, Stoneware**

Cordley & Hayes, 145A Hudson, New York, N. Y.

**FAUCETS, Tap, Can**

Union Die Casting Co., Ltd., 2269 E. 51st, Los  
 Angeles, Cal. "Jiffy"

**FAUCETS, Wood**

Acme Cork Co., Inc., 75 Spring, New York, N. Y.  
 "Acme"

Allen, Chas. I., Pequabuck, Conn. "Eagle,"  
 "Eclipse"

Cooke-Roberts Corp., Orange, Mass.  
 Crandall Bros., N. Kingsville, O. "Palmer's"

Gold Star Products, Inc., Detroit, Mich.  
 Loud (E.) Mfg. Co., 187 Pearl, Winchendon, Mass.

Redlich Mfg. Co., 637 W. Oak, Chicago, Ill.  
 Sommer (John) Faucet Co., 32 Morris Av., Newark,  
 N. J. "Diamond Lock," "I. X. L.," "Pearless,"  
 "Star," "Washington"

FEATHER DUSTERS—See Dusters, Feather

FEED CARRIERS—See Carriers, Feed

FEED COOKERS—See Cookers, Feed

FEED CUTTERS—See Cutters, Feed

FEED GRINDERS—See Grinders, Feed

FEED HOPPERS—See Hoppers, Feed

**FEEDERS, Boiler, Water**

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.

**FEEDERS, Calf**

Scully, James, Pomeroy, Pa. "Keystone"

**FEEDERS, Chick—See Feeders, Poultry, Chick****FEEDERS, Fox Ranch**

Edwards Mfg. Co., Cincinnati, O.

**FEEDERS, Hog**

Anderson Mfg. Co., Des Moines, Ia. "Chore Boy"

Automatic Co., Newton, Ia.

Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nu-  
 Way"

Bernard (Phillip) Co., Sioux City, Ia. "O. K."

Butler Co., Butler, Ind.

Celina Mfg. Co., Celina, O.

Clearwater Tank Co., Chatsworth, Ill. "Nu-Way"

Close-To-Nature Co., Colfax, Ia.

Columbian Steel Tank Co., Kansas City, Mo.

Dane Mfg. Co., Dane, Wis. "Can't-Clog"

Drew Line Co., Fort Atkinson, Wis.

Franklin Equipment Co., Monticello, Ia.

Gregg Mfg. Co., Fredericktown, O. "Universal"

Hall Mfg. Co., Cedar Rapids, Ia. "Red Top"

Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.

McCollough (W. A.) & Son, Webster City, Ia.

"Square Deal"

Martin Steel Products Co., Mansfield, O.

Oakes Mfg. Co., Inc., Tipton, Ind. "Clarke"

Pioneer Mfg. Co., Middlebury, Ind.

Red Cross Mfg. Co., Bluffton, Ind.

Rowe Mfg. Co., Galesburg, Ill. "Force Feed"

Sargent, Osgood & Roundy, Randolph, Vt.

Shaw Mfg. Co., Galesburg, Kan. "Pork Producer,"  
 "Waste Less"

Sioux Falls Metal Culvert Co., Sioux Falls, S. D.

St. Paul Corrugating Co., St. Paul, Minn. "Pruden"

Star Tank Co., Goshen, Ind. "Ideal"

Stauffer (H. M.) & Sons, Leola, Pa.

Thieman Harvester Co., Inc., Albert City, Ia.

Zimmerman, O. E., Fairfax, Minn. "Zims No Waste"

**FEEDERS, Poultry**

Advance Mfg. Co., Tipton, Ind.

Anderson Mfg. Co., Des Moines, Ia. "Tip Top"

Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nu-  
 Way"

Bernard (Phillip) Co., Sioux City, Ia. "O. K."

Boyer Mfg. Co., Thorntown, Ind.

Brower Mfg. Co., Quincy, Ill.

Cyclone Mfg. Co., Urbana, Ind. "Cyclone"

Dayton Toy & Specialty Co., Dayton, O. "Daton"

Gardner Mfg. Co., Horicon, Wis. "Ideal"

General Metalware Co., Minneapolis, Minn. "Mar-  
 tinware"

Hoelt Div. Bell & Gossett, Inc., 2309 Davis, North  
 Chicago, Ill.

James Mfg. Co., Fort Atkinson, Wis. "Jamesway"

Klein Mfg. Co., Burlington, Ia. "K-Line"

Makomb Steel Products Co., Macomb, Ill. "Ma-  
 komb"

Mit-Shel Stamping Mfg. Co., Quincy, Ill.

National Enameling & Stamping Co., 270 N. 12th,  
 Milwaukee, Wis. "Nesco"

National Ideal Co., 914 Summit, Toledo, O. "Na-  
 tional Idea," "Premier"

New McCurdy Mfg. Co., Ada, O.  
 Oakes Mfg. Co., Inc., Tipton, Ind.  
 Sexton Can Co., Everett, Mass.  
 Sheer (H. M.) Co., Quincy, Ill.  
 Simplex Brooder Stove Co., Grand Rapids, Mich.  
 "Simplex"  
 United Steel & Wire Co., Battle Creek, Mich.

**FEEDERS, Poultry, Chick**

Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nu-  
 Way"

Boyer Mfg. Co., Thorntown, Ind.

Brower Mfg. Co., Quincy, Ill.

Collins, W. H., 27 Greene, New York, N. Y.

Cyclone Mfg. Co., Urbana, Ind. "Cyclone"

Drew Line Co., Fort Atkinson, Wis.

Gardner Mfg. Co., Horicon, Wis. "Ideal"

General Metalware Co., Minneapolis, Minn. "Mar-  
 tinware"

Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.

Hoelt Div. Bell & Gossett, Inc., 2309 Davis, North  
 Chicago, Ill.

Homer Furnace Co., Coldwater, Mich.

Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago,  
 Ill.

James Mfg. Co., Fort Atkinson, Wis. "Jamesway"

Klein Mfg. Co., Burlington, Ia. "K-Line"

Lawson (F. H.) Co., Cincinnati, O. "Lawco"

Makomb Steel Products Co., Macomb, Ill. "Ma-  
 komb"

Mit-Shel Stamping Mfg. Co., Quincy, Ill.

National Ideal Co., 914 Summit, Toledo, O. "Na-  
 tional Idea," "Premier," "White-Line"

New McCurdy Mfg. Co., Ada, O.

Oakes Mfg. Co., Inc., Tipton, Ind.

Reliable Incubator & Brooder Co., Quincy, Ill.

Royal Mfg. Co., Bowling Green, O. "Royal"

Sheer (H. M.) Co., Quincy, Ill.

Simplex Brooder Stove Co., Grand Rapids, Mich.  
 "Simplex Sanitary"

Starline, Inc., Harvard, Ill.

United States Stamping Co., Moundsville, W. Va.  
 "U. S."

Weber-Kirch Mfg. Co., Keokuk, Ia. "W-K"

Western Stoneware Co., Monmouth, Ill.

**FEEDERS, Salt and Mineral**

Clay Equipment Corp., Cedar Falls, Ia.

Roto Salt Co., Inc., Union Springs, N. Y. "Roto"

Thieman Harvester Co., Inc., Albert City, Ia.

FEELER GAGES—See Gages, Thickness

FELLOE PLATES—See Plates, Felloe

**FELLOES**

Phipps (J. H.) Lumber Co., Fayetteville, Ark.

Sparta Spoke Factory, Inc., Sparta, Tenn.

FELT BASE MATS—See Mats, Felt Base

FELT BASE RUG BORDERS—See Borders, Rug,  
 Felt Base

FELT BASE RUGS—See Rugs, Felt Base

FELT BUILDING SHEATHING—See Sheathing,  
 Building, Felt

FELT FURNITURE TIPS—See Tips, Furniture

FELT MODEL TRAIN ROADBEDS—See Roadbeds,  
 Felt, Model Train

FELT ROOFING—See Sheathing, Building, Felt

**FELT TOYS**

Poster Products, Inc., 3401 W. Division, Chicago,  
 Ill. "Felt-O-Gram"

Reilly & Lee Co., 325 W. Huron, Chicago, Ill.

FELT WASHERS—See Washers, Felt

**FENCE AND GATES, Lawn, Etc.**

American Steel & Wire Co., Rockefeller Bldg.,  
 Cleveland, O. "Diamond," "USS American"

Anchor Post Fence Co., Baltimore, Md.

Atlantic Steel Co., Atlanta, Ga. "Dixsteel"

Bethlehem Steel Co., Bethlehem, Pa.

Buffalo Wire Wks. Co., Buffalo, N. Y.

Brown Fence Co., Chattanooga, Tenn.

Brown (H. L.) Fence & Mfg. Co., Cincinnati, O.  
 "Norwood"

Century Fence Co., Waukesha, Wis.

Chain Link Fence Co., 1629 W. 31st, Chicago, Ill.

Cincinnati, Iron Fence Co., 3300 Spring Grove Av.,  
 Cincinnati, O.

Clay Equipment Corp. (Gate Div.), 126 Clay Av.,  
 Cedar Falls, Ia.

Colorado Fuel & Iron Co., Denver, Colo.

Columbia Steel Co., 235 Montgomery, San Fran-  
 cisco, Cal.

Continental Steel Corp., Kokomo, Ind. "Flame-  
 Sealed," "Green Bottom," "Pioneer Kokomo"

Cyclone Fence Co., Waukegan, Ill. "Red Tag"

Davis & Siehl Co., Cincinnati, O.

Enterprise Fence & Wire Mfg. Co., Indianapolis, Ind.

Hicks Gate Co., Fredericktown, O. "Leader"

Indiana Steel & Wire Co., Muncie, Ind. "Imperial"

Janesville Fence & Post Co., Janesville, Wis.

Keystone Steel & Wire Co., Peoria, Ill. "Non-  
 Climable," "Square Deal," "Triangle Mesh"

Kitselman Bros., Muncie, Ind.

Leadclad Wire Co., Moundsville, W. Va. "Lead-  
 clad"

Logan Co., Louisville, Ky.

Mason Fence Co., Leesburg, O.

Mid-States Steel & Wire Co., Crawfordsville, Ind.

Northwestern Steel & Wire Co., Sterling, Ill.  
 "Sterling"

Page Steel & Wire Div. American Chain & Cable  
 Co., Inc., Monessen, Pa. "Reliable"

Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 "Crimpicket," "Pittsburgh"

Racine Iron & Wire Works, Racine, Wis.

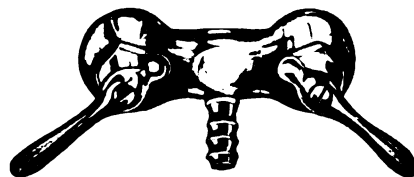
Republic Steel Corp., Republic Bldg., Cleveland, O.

## LAVATORY FAUCETS



No. 911

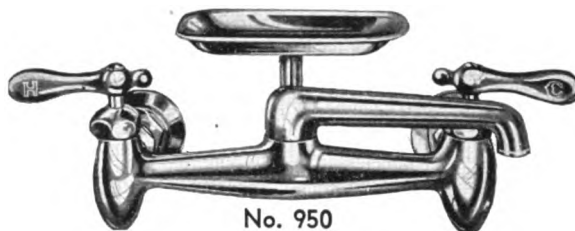
## BATH FAUCETS



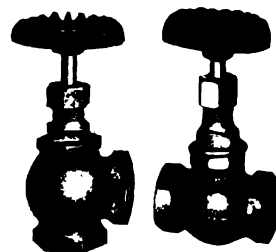
No. 475

*Send For  
Complete Catalog*

## COMBINATION SINK FIXTURES

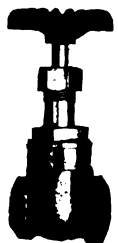


No. 950

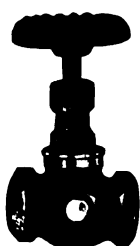
GLOBE AND  
ANGLE VALVES

No. 815

No. 814

GATE  
VALVES

No. 819

STOP  
AND  
WASTES

No. 405

VALVES • GROUND KEY WORK  
ROUGH COMPRESSION • FINISHED BRASS  
BRASS PIPE FITTINGS • HUMIDIFIER VALVES  
CLOSET TANK FITTINGS

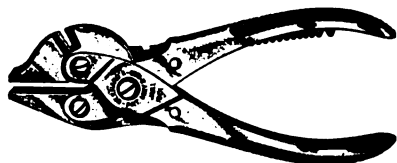
## ROCKFORD BRASS WORKS

ROCKFORD, ILLINOIS

1890

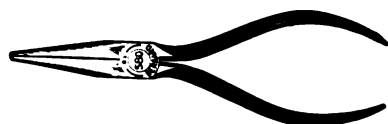
Fiftieth Anniversary Year

1940

PLIERS  
NIPPERSBERNARD SIDE CUTTING PLIERS  
SPRING ACTION "GORILLA GRIP"

No. 102X5	5 1/2	6 1/2	7 1/2	Inch
List Price	\$24.00	\$30.00	\$39.00	Dozen
Lbs. Wgt.	2 3/4	3 3/4	6 3/4	1/2 Doz.

Standard Package, One in a Box, Six Boxes  
in a Carton

BERNARD Long Chain Nose Pliers  
No. 580—6 1/2"

List Price	\$21.00	per Dozen
Full 2" Jaws	Weight—2 lbs.	per 1/2 Dozen

Standard Package, One in a Box, Six Boxes  
in a Carton

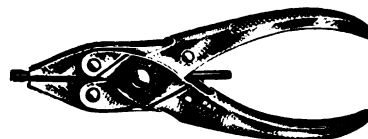
## BERNARD

TRADE MARK REGISTERED

PLIERS  
SPECIAL PURPOSE  
TOOLSBERNARD SEAL PRESS  
No. 59—6"

List Price	\$30.00	Dozen
Weight 4 1/4 lbs.	per 1/2 Dozen	

Standard Package, One in a Box, Six Boxes  
in a Carton

PUNCHES  
PRUNERSBERNARD FLAT NOSE PLIERS  
"GORILLA GRIP"

No. 100	4 1/2	5 1/2	6 1/2	8	Inch
List Price	\$12.00	\$15.00	\$18.00	\$24.00	Dozen
Lbs. Wgt.	1 1/2	2 3/4	3 3/4	6 1/4	1/2 Doz.

Standard Package, One in a Box, Six Boxes  
in a Carton

BERNARD LINEMEN'S SIDE  
CUTTING PLIERS  
HEAVY DUTY WITH SLEEVE TWISTERS

No. 502	7	8	Inch
List Price	\$33.00	\$36.00	Dozen
Lbs. Wgt.	4 3/4	6 1/4	1/2 Doz.

Standard Package, One in a Box, Six Boxes  
in a Carton

**The Wm. Schollhorn Co.**  
414 Chapel St.  
New Haven Conn.

*Write for  
Complete Catalog  
of Many Other  
Time Saving Tools*

*Mention Hardware Age When Writing*

**FENCE and GATES, Lawn, etc. (Contd.)**

Roebing's (John A.) Sons Co., Trenton, N. J.  
 "Jersey"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Smith (F. P.) Wire & Iron Wks., 2346 Clybourn Av., Chicago, Ill.  
 Snow (W. A.) Co., Inc., 53 State, Boston, Mass.  
 Standard Fence Co., Oakland, Cal.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O. (Iron or Chain Link)  
 Superior Steel & Wire Co., Knightstown, Ind.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Wright (G. F.) Steel & Wire Co., Worcester, Mass.  
 "Wright" (Chain Link)

**FENCE, Chain Link**

American Chain Link Fence Co., Medford, Mass.  
 Anchor Post Fence Co., Baltimore, Md.  
 Atlas Fence Co., Allen & Castor Av., Phila., Pa.  
 Brown Fence Co., Chattanooga, Tenn.  
 Chain Link Fence Co., 1629 W. 31st, Chicago, Ill.  
 Cincinnati Iron Fence Co., 3300 Spring Grove Av., Cincinnati, O.  
 Colorado Fuel & Iron Co., Boston Bldg., Denver, Colo.  
 Continental Steel Corp., Kokomo, Ind. "Flame-Sealed"  
 Cyclone Fence Co., Waukegan, Ill. "Red Tag"  
 Davis & Siehl Co., 4032 Hamilton Av., Cincinnati, O.  
 Fate (J. W.) Iron Wks., 78 Park Place, New York, N. Y.  
 Globe Wire Fence & Mfg. Co., Cincinnati, O.  
 Interlocking Fence Co., 937 Walnut, Morton, Ill.  
 Leadclad Wire Co., Moundsville, W. Va. "Lead-clad"  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa. "Protection"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa. "Pittsburgh" (Also Stainless Steel)  
 Robertson Steel & Iron Co., 71 Elm, Cincinnati, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Smith (F. P.) Wire & Iron Wks., 2342 Clybourn Av., Chicago, Ill.  
 Standard Fence Co., Oakland, Cal.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Wright (G. F.) Steel & Wire Co., Worcester, Mass.  
 "Wright"

FENCE, Electrically Charged—See Controllers, Fence Electric

FENCE FITTINGS—See Fittings, Fence, Gate and Post

**FENCE and RAILINGS, Iron**

Anchor Post Fence Co., Baltimore, Md.  
 Badger Wire & Iron Wks., Milwaukee, Wis.  
 California Artistic Metal & Wire Co., San Francisco, Cal.  
 Chain Link Fence Co., 1629 W. 31st, Chicago, Ill.  
 Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av., Cincinnati, O.  
 Clay Equipment Corp., 126 Clay Av., Cedar Falls, Ia.  
 Davis & Siehl Co., Waukegan, Ill. "Red Tag"  
 Davis & Siehl Co., Cincinnati, O.  
 Enterprise Fence & Wire Mfg. Co., Indianapolis, Ind.  
 Fate (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
 God's Wrought Iron Ornamental Wks., Lebanon, Pa.  
 Loran Co., Louisville, Ky.  
 Mid-State Steel & Wire Co., Crawfordsville, Ind.  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Roebing's (John A.) Sons Co., Trenton, N. J.  
 "Jersey"  
 Smith (John P.) Co., New Haven, Conn.  
 Snow (W. A.) Co., Inc., 53 State, Boston, Mass.  
 Standard Fence Co., Oakland, Cal.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O. (Also Wire)  
 FENCE, Ornamental—See Fence and Gates, Lawn, etc.

FENCE POSTS—See Posts, Fence

**FENCE, Poultry**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "Protector," "Union Lock," "USS Banner"  
 Anchor Post Fence Co., Baltimore, Md.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Brown Fence Co., Chattanooga, Tenn.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal. "USS Ideal," "USS Union Lock"  
 Continental Steel Corp., Kokomo, Ind. "Flame-Sealed," "Pioneer"  
 Cyclone Fence Co., Waukegan, Ill. "Red Tag"  
 Gilbert & Bennett Mfg. Co., Blue Island, Ill.  
 Imperial Steel & Wire Co., Muncie, Ind. "Imperial," "U. S. Hexlok," "U. S. Stratitlok"  
 Leadclad Wire Co., Moundsville, W. Va. "Lead-clad"  
 Mid-State Steel & Wire Co., Crawfordsville, Ind.  
 Northwestern Steel & Wire Co., Sterling, Ill.  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.

Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa. "Hinge-Joint," "Stiff-Stay"  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Roebing's (John A.) Sons Co., Trenton, N. J. "Jersey"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Standard Fence Co., Oakland, Cal.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala. "Protector," "USS Banner"  
 Wickwire Bros., Cortland, N. Y. "Gray-Diamond Welded Fabric," "Hex-Wick," "Net-Wick"  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

FENCE RATCHETS—See Ratchets, Fence

FENCE STAPLES—See Staples, Fence

FENCE STAYS—See Stays, Fence

FENCE STRETCHERS—See Stretchers, Fence

FENCE TOOLS—See Tools, Fence

**FENCE, Wire**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American," "Anthony," "Ellwood," "Monitor," "National," "Prairie," "Royal," "U. S."  
 Anchor Post Fence Co., Baltimore, Md.  
 Bethlehem Steel Co., Bethlehem, Pa. "Bethanized"  
 Brown Fence Co., Chattanooga, Tenn. "Dixie," "Prudential"  
 Brown (H. L.) Fence & Mfg. Co., Cincinnati, O. "Norwood"  
 Cincinnati Iron Fence Co., Cincinnati, O.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal. "American," "Ellwood"  
 Continental Steel Corp., Kokomo, Ind. "Flame-Sealed," "Green Bottom," "Pioneer"  
 Copperweld Steel Co., Glassport, Pa.  
 Cyclone Fence Co., Waukegan, Ill. "Red Tag"  
 Davis & Siehl Co., 4032 Hamilton Av., Cincinnati, O.  
 Enterprise Fence & Wire Mfg. Co., Indianapolis, Ind.  
 Gilbert & Bennett Mfg. Co., Blue Island, Ill.  
 Globe Wire Fence & Mfg. Co., Cincinnati, O.  
 Illinois Wire & Mfg. Co., Joliet, Ill. (Wire & Wood Picket)  
 Indiana Steel & Wire Co., Muncie, Ind. "Imperial"  
 Janesville Fence & Post Co., Janesville, Wis. "Apex," "O. K."  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J. & L.," "Mastercraft"  
 Keystone Steel & Wire Co., Peoria, Ill. "Blue Ribbon," "Economy," "Monarch," "Red Brand," "Square Deal"  
 Kitzelman Bros., Muncie, Ind.  
 Leadclad Wire Co., Moundsville, W. Va. "Lead-clad"  
 Logan Co., Louisville, Ky.  
 Mid-States Steel & Wire Co., Crawfordsville, Ind. "Adrian," "Ben Hur," "Star"  
 New Jersey Fence Co., Burlington, N. J. (Picket)  
 Northwestern Steel & Wire Co., Sterling, Ill. "Dualized," "Sterling"  
 Ottawa Mfg. Co., Ottawa, Kan.  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa. "Pittsburgh Chicite," "Pittsburgh Hinge-Joint," "Pittsburgh Stiff-Stay"  
 Racine Iron & Wire Wks., Racine, Wis.  
 Republic Steel Corp., Republic Bldg., Cleveland, O. "Gulfsteel," "Republic"  
 Robertson Steel & Iron Co., 71 Elm, Cincinnati, O.  
 Roebing's (John A.) Sons Co., Trenton, N. J. "Jersey"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Smith (John P.) Co., New Haven, Conn.  
 Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
 Snow (W. A.) Co., Inc., 53 State, Boston, Mass.  
 Standard Fence Co., Oakland, Cal.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
 Superior Steel & Wire Co., Knightstown, Ind.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala. "American," "Ellwood," "Monitor," "Prairie"  
 Wheeling Corrugating Co., Wheeling, W. Va.  
 Wickwire Bros., Cortland, N. Y. "Gray-Diamond Welded Fabric"

FENCE WIRE SPLICERS—See Splicers, Wire, Fence

**FENCES, Christmas Tree**

Bush Mfg. Co., 1151 N. George, York, Pa.  
 Homeland Mfg. Co., 415 E. Oliver, Baltimore, Md.  
 Remley, H., 188 Benton Av., Bellevue, Pa.  
 S. & G. Mfg. Co., 1430 Sheffield, Pittsburgh, Pa.

**FENCES, Snow**

Beach Mfg. Co., Charlotte, Mich. "Beach"  
 Illinois Wire & Mfg. Co., Joliet, Ill. "Big Red"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Sweet's Steel Co., Williamsport, Pa.  
 Track Specialties Co., 1775 B'way, New York, N. Y. "Traaco"

FENCES, Toy—See Fences, Christmas Tree

FENCING—See under Fence

FENDERS, FIREPLACE—See Fireplace Fixtures

FERNERY STANDS—See Stands, Aquarium Plant

**FERRULES, Brass and Copper**

American Fork & Hoe Co., Cleveland, O.  
 Bay State Stamping Co., Worcester, Mass.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Brunswick Mfg. Co., Brunswick, Me.

Chase Brass & Copper Co., Waterbury, Conn.  
 Clendenin Bros., Inc., 110 South, Baltimore, Md.  
 Empire Elec. & Mfg. Co., Plainville, Conn.  
 Green (C. E.) & Son, 95 Passaic, Newark, N. J.  
 Hussey (C. G.) & Co., Pittsburgh, Pa. (Copper)  
 Miller Seamless Ferrule Co., 2541 Atlantic Av., Bklyn., N. Y.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Revere Copper & Brass, Inc., 230 Park Av., New York, N. Y.  
 Russell (J. M.) Mfg. Co., Inc., Nantucket, Conn. (Plumbers Cast Brass)  
 Schrader's (A.) Son, Div. of Scovill Mfg. Co., Inc., 470 Vanderbilt Av., B'klyn., N. Y.  
 Scovill Mfg. Co., Plumbers' Brass Goods Div., Waterbury, Conn.  
 South Bend Bait Co., South Bend, Ind.  
 Union Hdw. Co., Torrington, Conn.  
 U. S. Hardware & Mfg. Co., Pawtucket, R. I.  
 Waterbury Brass Goods Corp., Waterbury, Conn.  
 Western Cartridge Co., Dept. 50, E. Alton, Ill.

FERRULES, Copper—See Ferrules, Brass and Copper

**FERRULES, Iron and Steel**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland  
 American Tube & Stamping Co., Bridgeport, Conn.  
 Bay State Stamping Co., Worcester, Mass.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
 Columbus Handle & Tool Div., American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Empire Elec. & Mfg. Co., Plainville, Conn.  
 South Bend Bait Co., South Bend, Ind.  
 Union Fork & Hoe Co., Columbus, O.  
 Union Hdw. Co., Torrington, Conn.

FERRULES, Sheet Metal—See Ferrules, Tin and Sheet Metal

FERRULES, Steel—See Ferrules, Iron and Steel

**FERRULES, Tin and Sheet Metal**

Bay State Stamping Co., Worcester, Mass.  
 Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
 Empire Elect. & Mfg. Co., Plainville, Conn. (Sheet Metal)  
 Troy Stamping Wks., Troy, N. Y.

FERTILIZER DISTRIBUTORS—See Spreaders, Fertilizer

FERTILIZER GARDEN HOSE SPRAYERS—See Sprayers, Garden Hose, Fertilizer and Insecticide

FERTILIZER SPREADERS—See Spreaders, Fertilizer

FERTILIZER STORAGE TANKS—See Tanks, Fertilizer, Storage

**FERTILIZERS**

Adco, Carlisle, Pa. "Adco"  
 Adikes (J. & L.), Inc., 182nd Pl., Jamaica, N. Y. "Gro-Well"  
 Agricultural Laboratories, Inc., 3415 Milton Av., Columbus, O. "Stim-U-Plant"  
 Armour Fertilizer Wks., Atlanta, Ga.  
 Atkins & Durbrow, Inc., 165 John, New York, N. Y. "Driconure"  
 Barteldes Seed Co., 1521 15th, Denver, Colo. "Barteco"  
 Chandlerin Seed Co., 601 W. 26th, New York, N. Y. "Prestige"  
 Dold (Jacob) Packing Co., Buffalo, N. Y.  
 Foodndrink Co., 25 Fair Oaks, Cambridge, Mass.  
 Hoffman (A. H.), Inc., Landisville, Pa.  
 Limestone Products Corp. of America, Newton, N. J. "Calcite," "Limecrest"  
 McClain Bros., Clark Bldg., Canton, O.  
 Marvel Products Co., 1538 E. 70th, Cleveland, O. "Marvel"  
 Milwaukee Sewerage Commission, Milwaukee, Wis. "Milorgonite"  
 Natural Guano Co., Aurora, Ill.  
 Olds & Whipple, Inc., Hartford, Conn.  
 Plantabbs Co., 1 W. Biddle, Baltimore, Md. "Fulton's Plantabbs"  
 Pulverized Manure Co., 395 Union Stock Yards, Chicago, Ill. "Wizard"  
 Shur-Gro Co., 624 2nd Av., Pittsburgh, Pa. "Shur-Gro"  
 Swift & Co. Fertilizer Wks., Chicago, Ill. "Vigoro"  
 Tennessee Corp., 61 B'way, New York, N. Y. "Loma"  
 Walker-Gordon Laboratory Co., Plainsboro, N. J. "Bovung"  
 Wood (Thomas) & Sons, Inc., 12 Midland Av., Montclair, N. J. "Woodgro"

**FERTILIZERS, Chemical**

American Agricultural Chemical Co., 50 Church, New York, N. Y. "Agrico"  
 American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, New York, N. Y.  
 Armour Fertilizer Wks., Atlanta, Ga.  
 Berkshire Chemical Co., Bridgeport, Conn.  
 Carus Chemical Co., Inc., La Salle, Ill.  
 Delta Chemical & Iron Co., Wells, Mich.  
 Flower City Plant Food Co., Inc., Pittsford, N. Y. "Wondergro"  
 Goulard & Olena, Inc., 140 Liberty, New York, N. Y.  
 Grasselli Chemicals Dept., Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Dugro," "Grasselli"  
 Hoffman (A. H.), Inc., Landisville, Pa.  
 Limestone Products Corp. of America, Newton, N. J. "Calcite," "Limecrest"  
 Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.



## THE GREATEST CONTROL FACTOR FOR A QUALITY PAINT JOB

# POL-MER-IK *Boiled* IN CANS!



### THE DEALER CAN CONTROL HIS PROFITS!

The day you start selling Pol-mer-ik Linseed Oil in Cans, you roll the old drum out of your store and eliminate such bulk-selling losses as over-measuring, drips, leaks, and foots. You eliminate, too, the time lost from the selling floor, while filling some customer's container.

You can control your profits with Pol-mer-ik in Cans. You buy a can. You sell a can. There are no losses. Your profits are sure and certain.



### THE PAINTER CAN CONTROL THE QUALITY OF HIS JOBS!

Pol-mer-ik Boiled gives the painter two proved values to work with. The first value is the 10% of polymerized linseed oil. This oil is kettle-cooked to a heavy viscosity. It makes paints brush and level better — gives paint jobs higher gloss and greater durability.

The 90% of Boiled Oil gives the painter his second big value — the value of accurate drying and the elimination of film burning. Pol-mer-ik Boiled enables your painter-customers to talk, sell, and deliver a finer-appearing, longer-lasting paint job. It enables you to control your linseed oil profits. Feature Pol-mer-ik Boiled in Cans. Mail the coupon for complete details.

## 60,000 PAINTING CONTRACTORS ARE READING THESE ADS!



### HOUSES ON FIRE!! BUT NO FLAMES PREVENT FILM BURNING WITH POL-MER-IK *Boiled*

Free Folders are available for distribution to your customers. They tell the story of Pol-mer-ik Boiled — of the extra value of Cooked Oil at no extra cost — of the value of the accurate-drying Boiled Oil. These folders are free to dealers who want to make more money from their linseed oil sales.

### WRITE NOW!

Roll out the drum . . .  
Control profits with cans! ➡

Archer-Daniels-Midland Company  
Roanoke Building, Minneapolis, Minnesota

Send me the merchandising story on Pol-mer-ik in Cans. Tell me how I can get Display Rack and Free Folders

NAME.....

ADDRESS.....

TOWN..... STATE.....

Mention Hardware Age When Writing

Google

**FERTILIZERS, Chemical (Continued)**

Marvel Products Co., 1538 E. 70th, Cleveland, O.  
"Marvel"  
Smith Agricultural Chemical Co., Columbus, O.  
"Sacco," "Wedo"  
Standard Chemical Works, Inc., Reading, Pa.  
Swift & Co. Fertilizer Wks., Chicago, Ill. "Vigoro"  
Tennessee Corp., 61 B'way, New York, N. Y. "Loma"  
Virginia-Carolina Chemical Corp., Richmond, Va.  
York Chemical Works, York, Pa. "Demp Wolf's"  
**FIBRE BLANKET INSULATION**—See Insulation,  
Blanket, Fibre  
**FIBRE BOARD KNIVES**—See Knives, Board,  
Fibre  
**FIBRE BROOMS**—See Brooms, Fibre  
**FIBRE MALLETS**—See Mallets, Rawhide and Fibre  
**FIBRE PAIRS**—See Pairs, Fibre

**FIBRE, Sheet, Rod, Tube, Etc.**

Continental Diamond Fibre Co., E. Newark, Del.  
National Vulcanized Fibre Co., Wilmington, Del.  
Spaulding Fibre Co., Inc., Tonawanda, N. Y.  
**FIBRE WARE**—See Ware, Fibre  
**FIBRE WASHERS**—See Washers, Fibre  
**FIELD BALLS**—See Balls, Field  
**FIELD GLASSES**—See Binoculars  
**FIELD HOES**—See Hoes, Garden and Field  
**FIELD SEED**—See Seed, Field  
**FIELD SPRAYERS**—See Sprayers, Field  
**FIELD & TRACK EQUIPMENT**—See Equipment,  
Track & Field  
**FIGURES, Aluminum**—See Numbers and Letters,  
Metal  
**FILE CARDS**—See Cleaners, File  
**FILE HANDLES**—See Handles, File  
**FILE HOLDER ATTACHMENT**—See Holders, File,  
Attachment

**FILES, Saw, Hand**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Filer Mfg. Co., 11 Main, N. E., Minneapolis, Minn.  
"Foley"

**FILES AND RASPS**

Atkins (E. C.) & Co., Indianapolis, Ind. "Silver  
Steel"  
Bickman File Co., Quincy, Ill. "Gem City"  
Carson-Newton Co., 62 Mill, Belleville, N. J. "Alli-  
gator," "Du-More," "Kleen-Kut"  
Celsea File Works, Norwich, Conn.  
Cleveland File Co., 3400 Hamilton Av., Cleveland,  
O. "Blue Star," "Super-Duty"  
Delta File Works, 4837 James, Phila., Pa.  
Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
"Alum-N-Ize," "Bite-Rite," "Diston," "Gold  
Metal"  
Heller Brothers Co., 865 Mt. Prospect Av., Newark,  
N. J. "Arrow," "Black King," "Johnson,"  
"Necut," "Rex," "Vixen"  
Nicholson File Co., Providence, R. I. "American,"  
"Arcade," "Beaver," "Black Diamond," "Eagle,"  
"Great Western," "J. Barton-Smith," "Hobson,"  
"Kearney & Foot," "McCaffrey," "McClellan,"  
"Nicholson," "Superior"  
Plumb (Fayette R.), Inc., Phila., Pa.  
Sandvik Saw & Tool Corp., 47 Warren, New York,  
N. Y. "Ober," "Pansar" (Swedish)  
Simonds Saw & Steel Co., Fitchburg, Mass. "Red  
Tang"  
Smith (Landon P.), Inc., Irvington, N. J. "Red  
Devil"  
Stokes Bros. Mfg. Co., Freehold, N. J. "St. Cris-  
pin" (Shoemakers' Rasps)  
Wright Bros. Co., Lisbon, O.  
**FILES, Bastard**—See Files and Rasps

**FILES, Coil**

Carson-Newton Co., 62 Mill, Belleville, N. J. "Alli-  
gator"  
Delta File Wks., 4837 James, Phila., Pa.  
Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Heller Brothers Co., 865 Mt. Prospect Av., Newark,  
N. J.  
Nicholson File Co., Providence, R. I. "Superior"  
Platinum point, Tungen point)  
Sandvik Saw & Tool Corp., 47 Warren, New  
York, N. Y. "Ober," "Pansar" (Swedish)  
Tacey File & Hardware Co., Philadelphia, Pa.

**FILES, Manicure**

(See also Beta, Manicure)  
Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Gordon Cutlery Works, 151 W. 19th, New York,  
N. Y. "Griffin"  
Heller Brothers Co., 865 Mt. Prospect Av., Newark,  
N. J.  
Hickel Co., Fremont, O.  
Manicure Mfg. Co., 282 Parker, Newark, N. J.  
"Baby Rose"  
Nicholson File Co., Providence, R. I. "Nicholson"  
Saw Mfg. Co., Torrance, Calif.  
Saw & Good Co., Jackson, Fremont, O.  
Simonds Bros., 684 S. 17th, Newark, N. J. "La  
Crim"

**FILES, Milled Tooth**

Heller Brothers Co., 865 Mt. Prospect Av., Newark,  
N. J. "Genuine Vixen"

Nicholson File Co., Providence, R. I. "Superior"  
Sandvik Saw & Tool Corp., 47 Warren, New York,  
N. Y. "Pansar" (Swedish)

**FILES, Rat Tail—See Files and Rasps**

**FILES, Rotary**

Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept  
E. E., Chicago, Ill. "Chicago"  
Dremel Mfg. Co., Racine, Wis.  
Duro Metal Products Co., 2651 N. Kildare Av., Chi-  
cago, Ill.  
Excel Auto Radiator Co., 320 E. 21st, Chicago, Ill.  
"Toolmaster"  
Ford (M. A.) Mfg. Co., Davenport, Ia.  
Hayes File Co., 1987 Franklin, Detroit, Mich.  
Jarvis (Chas. L.) Co., Gldersleeve, Conn.  
Lewis (B. C.) Mfg. Corp., 18 Dunham Pl., Bklyn.,  
N. Y.  
Monarch Mfg. Co., 711 W. Lake, Chicago, Ill.  
"Monarch"  
Pratt & Whitney Co., Hartford, Conn.  
Sandvik Saw & Tool Co., 47 Warren, New York,  
N. Y. "Ober," (Swedish)  
Skilsaw, Inc., 3310 Elston, Chicago, Ill. "Skilsaw"  
Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill.  
"Speedway"

**FILES, Saw—See Files and Rasps**

**FILES, Stick**

Sargent & Co., New Haven, Conn.

**FILES, Swiss Pattern**

American Swiss Tool & File Co., 410 Trumbull,  
Elizabeth, N. J. "American Swiss"  
Carson-Newton Co., 62 Mill, Belleville, N. J. "Alli-  
gator"  
Delta File Works, 4837 James, Phila., Pa.  
Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
"Superfine"  
Heller Brothers Co., 865 Mt. Prospect Av., Newark,  
N. J.  
Nicholson File Co., Providence, R. I. "Extra X-F  
Fine"

**FILES, Tooth, Horse**

Carson-Newton Co., 62 Mill, Belleville, N. J. "Alli-  
gator," "Du-More," "Kleen-Kut"  
Delta File Wks., 4837 James, Phila., Pa.  
Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Heller Brothers Co., 865 Mt. Prospect Av., Newark,  
N. J.  
Horn (Wm. H.) & Bro., Phila., Pa.  
Nicholson File Co., Providence, R. I.  
Stokes Bros. Mfg. Co., Freehold, N. J.

**FILLER RODS—See Rods, Welding**

**FILLERS, Bag**

Evans One-Man Sacker Co., Bway. & 79th Terrace,  
Kansas City, Mo. "Evans"

**FILLERS, CRACK—See Fillers, Wood**

**FILLERS, Deck—See Fillers, Seam, Deck and Hull;**  
also Composition, Seam

**FILLERS, Gun, Grease**

Canine (Harry C), Kentland, Ind.

**FILLERS, Hull—See Fillers, Seam, Deck and Hull**

**FILLERS, Liquid—See Fillers, Wood**

**FILLERS, Paste—See Fillers, Wood**

**FILLERS, Radiator—See Cans, Radiator Filler,**  
Automobile

**FILLERS, Seam, Deck and Hull**

Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass.  
"Ferdico-Seamseal"  
Industrial Compounds, Inc., 6394 Richardson Av.,  
Detroit, Mich. "Admiral"  
Soldine Corp., 9224 N. Ewing Av., Miles Center, Ill.  
Stay-Tite Products Co., Dept. H, 3107 Detroit Av.,  
Cleveland, O. "Stay-Tite"

**FILLERS, Wood**

Acme White Lead & Color Wks., Detroit, Mich.  
"Perfection"  
Adams & Elting Co., Chicago, Ill. "Ad-el-ite"  
Alabastine Co., 825 Chicago Drive, S.W., Grand  
Rapids, Mich.  
Ambassador Specialties, Inc., 6440 De Buel Av., De-  
troit, Mich. "Heart of Quality"  
Berry Bros., Detroit, Mich.  
Boyle (A. S.) Co., Div. American Home Products  
Corp., 257 Cornelson Av., Jersey City, N. J. "Old  
English"  
Bradley & Vrooman Co., 2629 S. Dearborn, Chi-  
cago, Ill.  
Consumers Glue Co., 3320 S. Bway, St. Louis, Mo.  
"Consumers"  
De Golyer Varnish Wks., Troy, N. Y.  
Detroit White Lead Wks., Detroit, Mich. "Rogers"  
Dibble Color Co., Detroit, Mich.  
Du Pont (E. I.) de Nemours & Co., Inc., Wilming-  
ton, Del. "Du Pont," "Wheelers"  
Flood & Conklin Co., 136 Chestnut, Newark, N. J.  
Foy Paint Co., Inc., Cincinnati, (Norwood), O.  
"Foy's"  
Fuller (H. B.) Co., St. Paul, Minn.  
Globe Paint Co., Williamsport, Pa.  
Grippin Mfg. Co., Newark, N. Y.  
Harris-Thomas Co., Inc., Roxbury, Mass.  
Heath & Milligan Mfg. Co., Chicago, Ill. "Depend-  
able"  
Hilo Varnish Corp., 42 Stewart Av., B'klyn, N. Y.

Indiana Indestructible Paint Co., Chicago, Ill.  
Johnson (S. C.) & Sons, Racine, Wis.  
Johnston (R. F.) Paint Co., 3925 Huston Av.,  
(Norwood), Cincinnati, O. "Coaststone," "Kra-  
kno"

Keystone Paint & Filler Co., Muncy, Pa.  
Lancaster Paint & Glass Co., Lancaster, Pa.  
"Eureka"

Lowe Bros. Co., Dayton, O.  
Lucas (John) & Co., Phila., Pa.  
Lux-Visel, Inc., Elkhart, Ind. "Filzit"  
Marietta Paint & Color Co., Marietta, O. "Spartan  
Art Wood"

Masury (John W.) & Son, 44 Jay, B'klyn, N. Y.  
Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
Nice, Eugene E., Phila., Pa.  
O'Brien Varnish Co., 101 N. Johnson, South Bend,  
Ind. "O'Brien's"

Passonno-Hutcheon Co., 9808 Meech Av., Cleveland,  
O. "Olo"

Pittsburgh Plate Glass Co., Paint Div., Grant Bldg.,  
Pittsburgh, Pa. "Pittsburgh"

Phoenix Paint & Varnish Co., Phila., Pa.

Pratt & Lambert, Inc., Buffalo, N. Y.

Premier Chemical Co., Cleveland, O. "Norbo"

Ray-O-Vac Co., Madison, Wis. "Phiz"

St. Louis Surfer & Paint Co., St. Louis, Mo.

Savogran Co., Boston, Mass.

Schalk Chemical Co., 357 E. 2nd, Los Angeles, Cal.

Schrack (C.) & Co., Phila., Pa.

Sheffield Bronze Powder & Stencil Co., 12405 Euclid  
Av., Cleveland, O.

Sherwin-Williams Co., Cleveland, O.

Staminate Corp., New Haven, Conn. "Staminate"

Stay-Tite Products Co., Dept. H, 3107 Detroit Ave.,  
Cleveland, O. "Stay-Tite"

Steelcoat Mfg. Co., St. Louis, Mo.

Tammis Silica Co., 228 N. La Salle, Chicago, Ill.

"Pyramid"

Thibaut & Walker Co., 9th & Vernon Av., Long  
Island City, N. Y.

United Gilsonite Laboratories, Scranton, Pa. "Mar-  
gon"

Valentine & Co., Inc., 11 E. 36th, New York, N. Y.

Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.

Woodfinishing Products Co., 32 Industrial, New  
York, N. Y.

Woolsey (C. A.) Paint & Color Co., 500 Grand,  
Jersey City, N. J.

**FILLET, Leather and Wood**

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chi-  
cago, Ill.

Dunker Supply Co., Canton, O. "Perfect"

Everett (A.) & Son, Auburn, N. Y.

Illinois Mechanical Leather Co., Chicago, Ill. (Lea-  
ther)

Knight (H. W.) & Son, Seneca Falls, N. Y.

Page Belting Co., Concord, N. H.

**FILTER CLOTH—See Cloth, Filter**

**FILTER DISCS, Milk—See Strainers, Milk, Disc**

**FILTERS, Air**

Plymouth Cordage Co., North Plymouth, Mass.

"Plymo"

Russell Electric Co., 378 W. Huron, Chicago, Ill.

"Hold-Heat"

**FILTERS, Coffee**

Filtrator Coffee Apparatus Co., Inc., 135 W. 25th,  
New York, N. Y. "X-Cel"

Glass Coffee Brewer Corp., 325 N. Wells, Chicago,  
Ill. "Cory"

Hill-Shaw Co., 311 N. Desplaines, Chicago, Ill.

"Vaculator"

Kofee-Koil Sales Co., 508 United Artists Bldg., De-  
troit, Mich. "Kofee-Koil"

Landers, Frary & Clark, New Britain, Conn. "Uni-  
versal"

Tricolorator Co., Inc., 230 5th Av., New York, N. Y.

**FILTERS, Syphon**

Everedy Co., 6 East, Frederick, Md.

Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago,  
Ill. "Skimit"

**FILTERS, Water**

Allen Filter Co., Toledo, O.

American Filter Co., Milwaukee, Wis. "Noxall,"  
"Perfection"

American Water Softener Co., Phila., Pa.

Baker Valve Co., Minneapolis, Minn. "Bailey"

Berkefeld Filter Co., 121 E. 24th, New York, N. Y.

Modern Water Softener Co., 180 N. Wacker Drive,  
Chicago, Ill.

Seed Filter & Mfg. Co., Inc., 343 Bway, New York,  
N. Y. "Secco"

Suvio Heating & Lighting Co., 696 E. 161st St.,  
New York, N. Y. "Suvio"

Uniflow Mfg. Co., Erie, Pa. "Uniflow"

Welsh, Wm., 2733 Arbor Av., Cincinnati, O.

**FILTERS, Water, Rain**

Sanitary Filter Co., Nevada, O.

**FINDERS, Traffic Signal or Fender**

Shepard & Moore, Inc., 208 St. Clair Av., N. W.,  
Cleveland, O. "Moonbeam"

**FINGER NAIL CLIPPERS—See Clippers, Finger**  
Nail

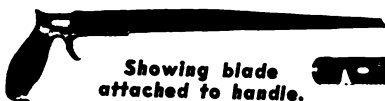
# New! The ALLWAY Master Saw

## Cuts Anything—Sells Rapidly!

Appeals instantly to every mechanic and home owner. Handle adjustment permits setting of blade to cut in 6 different directions without changing natural position of hand. Handle fastens blade automatically with positive lock. Handle is UNBREAKABLE Malleable Iron with comfortable resilient black rubber grip. Blades are TUNGSTEN ALLOY STEEL specially hardened and heat treated to cut wood, bolts, nails, tubing, conduit, etc. Each attractive 3 Color Display Card contains 4 Master Compass Saws (10 teeth to inch), and 2 stub blades (10 teeth to inch), and 2 keyhole blades (14 teeth to inch). Packed 6 or 12 cards to carton. Blades 1 doz. to box. Complete saws sell at one dollar; blades at 40c. each.



Pattern M44



Showing blade attached to handle.

STUB N°10 S

Three types of blades with each 3 Color Display Card.

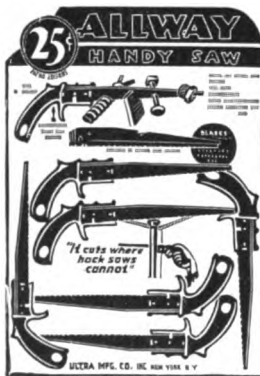


COMPASS N°14 C



KEYHOLE N°12 K

## The ALLWAY Handy Saw



Pattern M66

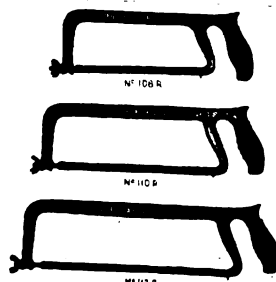
A quick seller at 25c. Cuts metal or wood. By changing position of blade on handle, which fastens automatically, cuts may be made in 4 different directions without changing natural position of hand. Blades are Tungsten Steel with flexible backs. Handles Unbreakable. Packed 6 complete saws on Colored Display Card and 6 extra blades. 24 cards in carton.



Cuts wood and all kinds of metal.

## ALLWAY Hack Saw Frames

A superior saw for Mechanics', equally balanced, one-piece Malleable Iron (unbreakable) frame. Finished in grey with comfortable, resilient black rubber grip. Extra depth, light weight, non-buckling. Blade tension secured by nickel plated wing nut. Blade faceable in 4 directions. Each frame equipped with Tungsten Steel Blade. No. 108R capacity 8", depth 3 1/4". No. 110R cap. 10", depth 3 1/4". No. 112R cap. 12", depth 3 1/4". 1/4 doz. in box with Display Card.



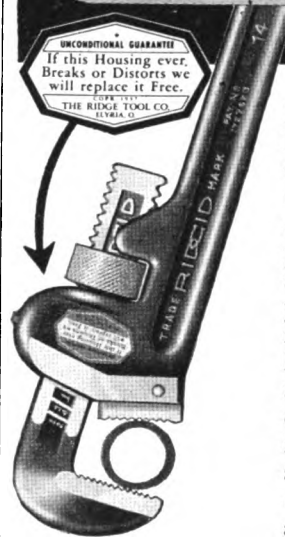
N°108 R

N°110 R

N°112 R

Made by **ULTRA MFG. CO., NEW YORK, N. Y.**  
GENERAL SALES AGENT:  
**JOHN H. GRAHAM & COMPANY, INC.**  
105 Duane Street, New York, N. Y.

Yep... you sure can increase your sales with this Guaranteed **RIGID**

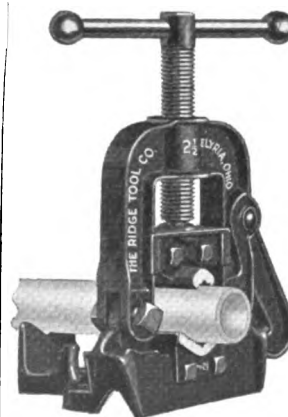


Millions of users have learned how that housing guarantee adds to the life of a wrench, keeps it at work, stops time-out for repairs, cuts your investment in spare parts. That gives you a selling advantage no other wrench offers you—and practically every skilled mechanic customer of yours knows it. Besides, this modern all-alloy wrench has replaceable chrome molybdenum jaws, adjusting nut that spins easily in all sizes, comfort-grip I-beam handle. Stock the **RIGID**, display it—and you boost your wrench sales. Call your Supply House today.

... and make extra profits from this Safe New Improved Stillson



Modern cone coil safety springs are enclosed in the steel housing. There are no flat spring rivet holes to weaken the handle. Jaws, frame and handle are heat-treated alloy tool-steel—built for years of service. Join Hardware Merchants everywhere in more profit from Improved Stillsons.



No-Mar Jaws Sell **RIGID** Pipe Vises

Special design of these vise jaws enables the user to hold polished pipe firmly without damage, a distinctive feature that appeals to both amateur and professional mechanics and means more sales and extra profits for you. Made in yoke and chain patterns and in all types.

Ask Your Supply House also about **RIGID** Pipe Cutters and small Ratchet Pipe Threaders.

**THE RIDGE TOOL CO., ELYRIA, OHIO**

**RIGID PIPE TOOLS**



## FINISHES and FILLERS, Floor

American Floor Surfacing Machine Co., 518 S. St. Clair, Toledo, O. "Pentrol-Seal"  
Flexrock Co., 2300 Manning, Phila., Pa. "Bakeflex"  
Johnson (S. C.) & Son, Inc., Racine, Wis. "Traffic-Cote"  
Tamm Silica Co., 228 N. La Salle, Chicago, Ill. "Pyramid"  
Wilson-Imperial Co., 115 Chestnut, Newark, N. J. "Wilco-Lustre," "Wilco Seal"  
**FINISHERS, LINOLEUM**—See Varnishes, Linoleum  
**FINISHING WASHERS**—See Washers, Finishing  
**FIRE ALARMS**—See Alarms, Fire  
**FIREARMS BRUSHES**—See Brushes, Gun  
**FIREARMS COMPENSATORS**—See Compensators, Gun  
**FIREARMS SIGHTS**—See Sights, Gun  
**FIRE BELLS**—See Bells, Church, Fire  
**FIRE BRICK**—See Brick, Fire  
**FIRE CLAY**—See Linings, Plastic, Stove and Furnace  
**FIRE DETECTORS**—See Alarms, Fire  
**FIRE DOORS**—See Doors, Fire  
**FIRE DOOR FITTINGS**—See Fixtures, Door, Fire  
**FIRE DOOR FIXTURES**—See Fixtures, Door, Fire  
**FIRE DOOR HARDWARE**—See Fixtures, Door, Fire

## FIRE ESCAPES

(See also Ladders, Rope)  
Badger Wire & Iron Wks., Milwaukee, Wis.  
Fike (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
Laga Co., Louisville, Ky.  
Meyer Bros. Iron Co., St. Louis, Mo.  
Smith (F. P.) Wire & Iron Wks., 2340 Clybourn Av., Chicago, Ill.

## FIRE ESCAPES, Automatic

Dav, Chas. F., Syracuse, N. Y.  
**FIRE EXIT BOLTS**—See Bolts, Door, Panic  
**FIRE EXIT LOCKS**—See Bolts, Door, Panic  
**FIRE EXTINGUISHERS**—See Extinguishers, Fire  
**FIRE FIGHTING BROOMS**—See Brooms, Fire Fighting  
**FIRE HOUSE DOOR OPENERS**—See Openers, Fire House Door  
**FIRE INSURANCE**—See Insurance, Fire  
**FIRE KINDLERS**—See Kindlers, Fire  
**FIRE LIGHTERS**—See Lighters, Fire  
**FIRE PAIL HOOKS**—See Hooks, Fire Pail  
**FIRE PAILS**—See Pails, Fire  
**FIRE PUMPS**—See Pumps, Fire  
**FIRELESS COOKER RADIATORS**—See Radiators, Cooker, Fireless  
**FIRELESS COOKERS**—See Cookers, Fireless  
**FIREMEN'S AXES**—See Axes, Firemen's, Forged Steel  
**FIREPLACE ANDIRONS**—See Fireplace Fixtures  
**FIREPLACE ASH DUMPS**—See Dumps, Ash  
**FIREPLACE BELLOWES**—See Bellowes, Fireplace  
**FIREPLACE DAMPERS**—See Dampers, Fireplace  
**FIREPLACE ELECTRIC LOGS**—See Logs, Electric, Fireplace  
**FIREPLACE FENDERS**—See Fireplace Fixtures

## FIREPLACE FIXTURES

Adams Co., Dubuque, Ia.  
American Windshield & Specialty Co., 442 Boston Post Rd., Milford, Conn. "Puritan"  
Birmingham Store & Range Co., Birmingham, Ala.  
Brownell Wire Goods Co., Cincinnati, O.  
Cahill Co., Chattanooga, Tenn.  
Centre Brass Works, Inc., 72 Spring, New York, N. Y.  
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. "Royal"  
Clark (H. W.) Co., Mattoon, Ill.  
Colonial Brass Co., Middleboro, Mass.  
Colonial Fireplace Co., 4611 Roosevelt Rd., Chicago, Ill.  
Columbus Iron Wks. Co., Columbus, Ga. "Columbus"  
Cutter Mfg. Co., 12 Ames, Cambridge, Mass.  
Dowley Bros. Co., Cleveland, O.  
Farley & Loetscher Mfg. Co., Dubuque, Ia.  
Fike (J. W.) Iron Wks., 78 Park Place, New York, N. Y.  
Horn Electric Specialty Co., Milwaukee, Wis.  
Horn (S. M.) Co., Boston, Mass. "Cornhill"  
Jones Hollow Ware Co., Baltimore, Md.  
Laurelton Fdry. Co., Laurelton, Pa.  
Lieber, Chas. A., 3868 Russell Blvd., St. Louis, Mo. (Log Grates)  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
Litch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
Metric Co., Huntington, Ind.  
Nelson (L. R.) Mfg. Co., Peoria, Ill. "Hearth-Kit"  
Peerless Mfg. Co., Steubenville, O.  
Reynolds Mfg. Corp., Louisville, Ky.  
Rosen Mfg. Co., Milford, Conn.  
Sawfield Mfg. Co., 95 Bway, Cambridge, Mass.  
Sawfield Mfg. Co., 119 W. 25th, New York, N. Y.  
Smith (P. P.) Wire & Iron Wks., Chicago, Ill.  
Smith (A. L.) Iron Wks., Medina, N. Y.  
Tyne Agricultural Wks., Inc., Goldsboro, N. C.

Weber (M.) Co., Dayton, O.  
Weidman Mfg. Co., Inc., 168 Centre, New York, N. Y.  
Withers Foundry & Mach. Wks., Atlanta, Ga.  
**FIREPLACE GAS LOGS**—See Logs, Gas, Fireplace  
**FIREPLACE GRATES**—See Fireplace Fixtures  
**FIREPLACE HEATERS**—See Heaters, Fireplace  
**FIREPLACE HEATING UNITS**—See Units, Heating, Fireplace  
**FIREPLACE LOGS**—See Logs, Fireplace  
**FIREPLACE REFLECTORS**—See Reflectors, Fireplace, Rotating  
**FIREPLACE SCREEN CLOTH**—See Cloth, Wire  
**FIREPLACE SCREENS**—See Screens, Fireplace  
**FIREPLACE SETS**—See Sets, Fireplace  
**FIREPLACE SPARK GUARDS**—See Guards, Spark, Fireplace  
**FIREPLACE WOOD BASKETS**—See Baskets, Fireplace, Wood, Etc.  
**FIRE POKERS**—See Pokers, Stove  
**FIRE POTS**—See Furnaces and Torches, Gasoline or Kerosene  
**FIRE SHOVELS**—See Shovels, Fire

## FIREWORKS

Consolidated Fireworks Co., 23 Park Pl., New York, N. Y. "Unexcelled"  
Conti Fireworks Co., New Castle, Pa.  
Diehl (H. P.) Co., Lawrenceburg, Ind.  
Hunt (E. S.) & Sons Co., Weymouth, Mass.  
National Fireworks, Inc., 60 N. Washington, Boston, Mass.  
Victory Sparkler Co., Elkton, Md.  
Western Fireworks Co., Denver, Colo.  
**FISH AQUARIUMS**—See Aquariums  
**FISH BAIT OIL**—See Oils, Fish Bait  
**FISH BAITS, Artificial**—See Baits, Fish, Artificial  
**FISH BAITS, Preserved**—See Baits, Fish, Preserved  
**FISH FOOD**—See Food, Fish  
**FISH GAFFS**—See Gaffs, Fish, Landing  
**FISH GLOBES**—See Aquariums  
**FISH GLUE**—See Glue, Fish  
**FISH HOOK ADJUSTERS**—See Adjusters, Fish Hook  
**FISH HOOK DISGORGERS**—See Disgorgers, Fish Hook  
**FISH HOOK HOLDERS**—See Holders, Hook, Fish  
**FISH HOOK STONES**—See Stones, Fish Hook  
**FISH HOOKS**—See Hooks, Fish  
**FISH KNIVES**—See Knives, Fish  
**FISH NETS**—See Nets, Fish  
**FISH PLANKS**—See Planks, Steak and Fish  
**FISH REMEDIES**—See Remedies, Fish  
**FISH SCALERS**—See Scalers, Fish  
**FISH STRINGERS**—See Stringers, Fish  
**FISH TANKS**—See Aquariums  
**FISH TRAPS**—See Traps, Fish  
**FISHERMEN'S BAROMETERS**—See Barometer's, Fishermen's  
**FISHERMEN'S BASKETS**—See Baskets, Fishermen's  
**FISHERMEN'S BOOTS**—See Boots, Fishermen's  
**FISHERMEN'S COATS**—See Clothing, Fishing and Hunting  
**FISHERMEN'S WADERS**—See Waders, Fishermen's  
**FISHING BAIT CANS**—See Cans, Bait  
**FISHING BUGS**—See Flies, Fishing  
**FISHING CAPES**—See Clothing, Fishermen's  
**FISHING CLOTHING**—See Clothing, Fishing & Hunting  
**FISHING FLIES**—See Flies, Fishing  
**FISHING FLOATS**—See Floats, Fishing  
**FISHING FLY DRESSINGS**—See Dressings, Fly Fishing  
**FISHING FROG HARNESS**—See Harness, Frog, Fishing  
**FISHING JACKETS**—See Jackets, Hunting and Fishing  
**FISHING LEADERS**—See Leaders, Fishing  
**FISHING LINE COLOR PRESERVATIVES**—See Preservatives, Color, Fishing Line  
**FISHING LINE DRESSINGS**—See Dressings, Fishing Line  
**FISHING LINE DRYERS**—See Dryers, Fishing Line  
**FISHING LINE LEADERS**—See Leaders, Gut, Fishing  
**FISHING LINE SPREADERS**—See Spreaders, Fishing Line  
**FISHING LINES**—See Lines, Fishing  
**FISHING PLUGS**—See Floats, Fishing  
**FISHING POLE BUTT PROTECTORS**—See Protectors, Butt, Rubber Fishing Pole  
**FISHING POLES**—See Poles, Bamboo; also Rods, Fishing  
**FISHING REEL BRAKES**—See Brakes, Reel, Fishing  
**FISHING REEL CASES**—See Cases, Reel  
**FISHING REEL CRANKS**—See Cranks, Reel, Fishing

**FISHING REEL DRAGS**—See Drags, Reel, Fishing  
**FISHING REEL GEAR GREASES**—See Greases, Gear, Fishing Reel  
**FISHING REEL LOCKING BANDS**—See Bands, Locking, Fishing Reel  
**FISHING REELS**—See Reels, Fishing  
**FISHING ROD CASES**—See Cases, Rod  
**FISHING ROD CEMENT**—See Cement, Rod, Fishing  
**FISHING ROD GUIDES**—See Guides, Fishing Rod  
**FISHING ROD HOLDERS**—See Holders, Fishing Rod  
**FISHING ROD TIPS**—See Tips, Fishing Rod  
**FISHING RODS**—See Rods, Fishing, Split Bamboo; also Rods, Fishing, Steel  
**FISHING SEINES**—See Seines, Fishing  
**FISHING SPEARS**—See Spears, Fish and Frog  
**FISHING SPOONS and SPINNERS**—See Spoons and Spinners, Fishing  
**FISHING STOCKINGS**—See Waders, Fishermen's  
**FISHING SWIVELS**—See Swivels, Fishing  
**FISHING TACKLE**—See article desired  
**FISHING TACKLE ASSORTMENTS**—See Assortments, Tackle, Fishing  
**FISHING TACKLE BOXES**—See Boxes, Fishing Tackle

## FITTINGS, Air Line

Schrader's (A.) Son, Div. of Scovill Mfg. Co., Inc., 470 Vanderbilt Av., Bk'lyn, N. Y.

## FITTINGS, Derrick

American Hoist & Derrick Co., Robert & Water, St. Paul, Minn.  
Birdsboro Steel Fdry. & Machine Co., Birdsboro, Pa.  
Channon (J. H.) Corp., 1455 W. Hubbard, Chicago, Ill.  
Dobbie Fdry. & Machine Co., Niagara Falls, N. Y. "Dobbie"  
Flory Mfg. Co., Bangor, Pa.  
Lidgerwood Mfg. Co., Elizabeth, N. J.

## FITTINGS, Explosion Proof

Adalet Mfg. Co., 1448 E. 49th, N. E., Cleveland, O.  
Adapti Co., 2996 E. 72nd, Cleveland, O.  
Appleton Electric Co., 1701 Wellington Av., Chicago, Ill.  
Crouse-Hinds Co., Wolf & N. 7th, Syracuse, N. Y.  
Killark Electric Mfg. Co., 3940 Easton Av., St. Louis, Mo.  
Pyle-National Co., 1334 N. Kostner Av., Chicago, Ill.  
Ralco Mfg. Co., 141 N. Albany Av., Chicago, Ill.  
Russell & Stoll Co., 125 Barclay, New York, N. Y.

## FITTINGS, Fence, Gate and Post

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Anchor Post Fence Co., Baltimore, Md.  
Brown (H. L.) Fence & Mfg. Co., Cincinnati, O. "Norwood"  
Clay Equipment Corp., Gate Div., 126 Clay Av., Cedar Falls, Ia.  
Colorado Fuel & Iron Co., Denver, Colo.  
Cyclone Fence Co., Waukegan, Ill.  
Indiana Steel & Wire Co., Muncie, Ind.  
Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
Mid-States Steel & Wire Co., Crawfordsville, Ind.  
Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
Robertson Steel & Iron Co., 71 Elm, Cincinnati, O.  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Standard Fence Co., Oakland, Cal.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
Sweet's Steel Co., Williamsport, Pa.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
Wright (G. F.) Steel & Wire Co., Worcester, Mass.  
**FITTINGS, Fire Door**—See Fixtures, Door, Fire

## FITTINGS, Flexible Metallic Conduit

Adalet Mfg. Co., 1448 E. 49th, N. E., Cleveland, O.  
Adapti Co., 2996 E. 72nd, Cleveland, O.  
All-Steel-Equip Co., Inc., Aurora, Ill.  
Appleton Electric Co., 1701 Wellington Av., Chicago, Ill. "Unilets"  
Austin (M. B.) Co., Chicago, Ill. "Spiralbrush"  
Bonnell Electric Mfg. Co., 194 Chambers, New York, N. Y.  
Chicago Steel Tank Co., Chicago, Ill. "C. S. T."  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Gillette-Vibber Co., New London, Conn. "Gee Vee"  
Grabler Mfg. Co., 6565 B'way, Cleveland, O. "G"  
Koch (Paul W.) & Co., Chicago, Ill. "Jiffy"  
Ralco Mfg. Co., Chicago, Ill.  
Rattan Mfg. Co., New Haven, Conn. "Slip-In"  
Roach-Appleton Mfg. Co., South Bend, Ind. "Raco"  
Steel City Electric Co., Pittsburgh, Pa.  
Thomas & Betts Co., Elizabeth, N. J. "Squeeze," "T. & B."

**FITTINGS, Furnace**—See Pipe and Fittings, Furnace

# Cross Sterilized TACKS



are available in all styles, sizes and finishes. Standard blue unless otherwise specified. Regularly put up in 1/8, 1/4, 1/2, 1, 5, 25 and 100 lb. packages. Look for the distinctive red and black package or label for your protection—and profit.



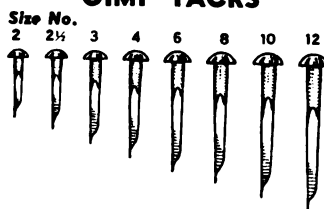
Below we illustrate and list some of the leading numbers in the CROSS line.

## BLUED CUT and UPHOLSTERERS' TACKS



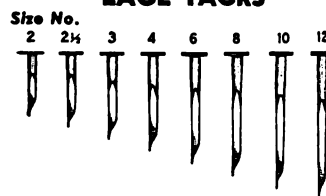
For upholstering materials and best for general purposes.

## GIMP TACKS



For tapes and narrow fabrics.

## LACE TACKS



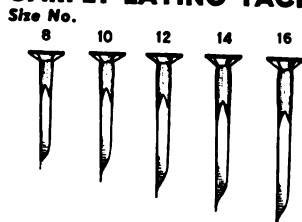
For work where head must be concealed.

## CARPET TACKS



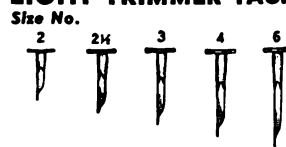
For thick, heavy carpets and materials, matting, etc.

## CARPET LAYING TACKS



Small beveled head conceals itself in nap of carpet.

## LIGHT TRIMMER TACKS



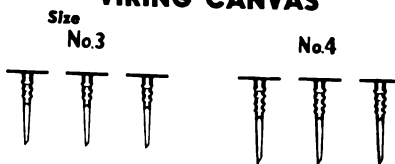
Popular for auto repair work or light materials anywhere.

## HARVESTER CANVAS STAPLES



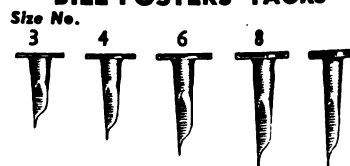
For repairing canvas on harvesting binders.

## VIKING CANVAS



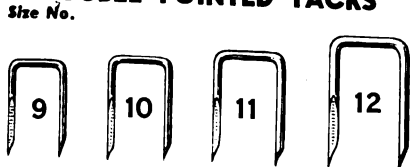
For tacking canvas on walls before papering.

## BILL POSTERS' TACKS



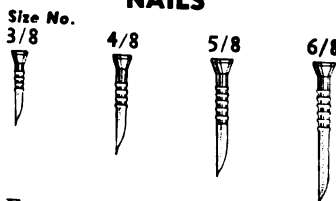
For heavy paper and cardboard. Broad head, tough shank.

## DOUBLE POINTED TACKS



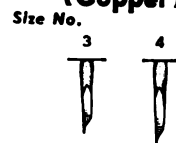
For mesh or net materials, wire screen, straw mats, etc.

## BRASSED COBBLERS' NAILS



For shoe repair.

## SCREEN TACKS (Copper)



For fine mesh wire screen.

## WIRE CLOTH STAPLES



For mesh or net materials, wire screen, straw mats, etc.

**GUARANTEE:** CROSS Sterilized TACKS are guaranteed to have needle-sharp points, accurately centered heads; to be absolutely clean, sterilized; to be 100% usable; to be made from special domestic material.

### We also manufacture

Webbing Tacks  
Oval Head Card Tacks  
Super-clinch Nails—for shoe repair  
Solid Head Lining Tacks

Surveyors' Tacks  
Hide Tacks  
Copper Tacks  
Glaziers' Points

and can supply the following in standard trade packages

Wire Tacks  
Flat Head Wire Nails  
Wire Brads  
Evertusham Pins

Copper Rivets & Burrs  
Copper Wire Nails  
Copper Slating Nails  
Capped Head Saddle & Lining Nails

Insulated Staples  
Miscellaneous Staples  
Fancy Furniture Nails

50% to 300% Increase  
in Sales! Write for full  
details on our Revolving  
Display Stand offer.



**W. W. CROSS & CO., INC., EAST JAFFREY, N. H.**

Mention Hardware Age When Writing

Digitized by Google

**FITTINGS, Light, Vaporproof**

Adapt Mfg. Co., 1448 E. 49th, N. E., Cleveland, O.  
Adapt Co., 2996 E. 72nd, Cleveland, O.  
Appleton Electric Co., 1701 Wellington Av., Chicago, Ill.  
Benjamin Electric Mfg. Co., Des Plaines, Ill. "Vapoplets"  
Circle F. Mfg. Co., 720 Monmouth, Trenton, N. J.  
Crouse-Hinds Co., Wolf & N. 7th, Syracuse, N. Y.  
Killark Electric Mfg. Co., 3940 Easton Av., St. Louis, Mo.  
Pye National Co., 1334 N. Kostner Av., Chicago, Ill.  
Thomas & Betts Co., 36 Butler, Elizabeth, N. J.  
V. V. Fittings Co., 715 Cherry, Phila., Pa.

**FITTINGS, Mast, Radio**

Pieron (M. M.) & Son, Inc., Trenton, N. J.  
Premax Products Div., Chrisholm-Ryder Co., Inc., 900 College Av., Niagara Falls, N. Y. "Premax"  
**FITTINGS, METAL MOLDING—See Moldings and Fittings, Metal, Electric**  
**FITTINGS and MOLDINGS, ELECTRIC—See Moldings and Fittings, Metal, Electric**

**FITTINGS, Pipe**

Acheson Mfg. Co., Braddock, Pa.  
American Copper & Brass Wks., Cincinnati, O.  
American Lead Co., Pittsburgh, Pa.  
Belford (E. L.) Co., Phila., Pa.  
Bonney Forge & Tool Wks., Allentown, Pa.  
Builders Iron Foundry, Providence, R. I.  
Campbell, Lewis, Boyertown, Pa.  
Capitol Mfg. & Supply Co., Columbus, O.  
Coburn Rolling Mill Co., Cohoes, N. Y. "Mohawk"  
Commonwealth Brass Corp., Detroit, Mich.  
Dart (E. M.) Mfg. Co., Providence, R. I.  
Detroit Brass & Malleable Wks., Detroit, Mich.  
Devlin (Thomas) Mfg. Co., Inc., Burlington, N. J.  
"Devlin," "Freta"  
Dresser (B. R.) Mfg. Co., Bradford, Pa.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Ester Brass Wks., Exeter, N. H. (Brass Unions)  
Gaber Mfg. Co., 6565 B'way, Cleveland, O. "G"  
Illinois Malleable Co., Chicago, Ill.  
Imperial Brass Mfg. Co., Chicago, Ill.  
International Heater Co., Utica, N. Y.  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
Jarecki Mfg. Co., Erie, Pa.  
King Union Co., Hillsgrove, R. I.  
Lincoln Brass Wks., Detroit, Mich.  
Linschmeider Co., Cincinnati, O.  
Lyon, Conklin & Co., Inc., Baltimore, Md. "Tiger"  
Malleable Iron Fittings Co., Branford, Conn. "M. I. Co."  
More (Andrew J.) Son Co., Boston, Mass.  
Muller Brass Co., Port Huron, Mich.  
Newbury (J. H.) & Son, Inc., Goshen, N. Y.  
Pitt & Kendall, 645 Ferry, Newark, N. J.  
Pittsburgh Valve & Fittings Co., Barberton, O.  
Pittsburgh Valve, Fdry. & Construction Co., 26th Av., Pittsburgh, Pa.  
Powell (Wm.) Co., Cincinnati, O.  
Rhode Island Fitting Co., Hillsgrove, R. I.  
Richardson-Edro Brass Co., Baltimore, Md.  
Roberts Brass Mfg. Co., Detroit, Mich.  
Rockford Brass Works, Rockford, Ill.  
Scull Mfg. Co., Plumbers' Brass Goods Div., Waterville, Conn.  
Sorman (H. B.) Mfg. Co., Battle Creek, Mich.  
Standard Nipple Wks., 327 Frelinghuysen Av., Newark, N. J.  
Trenton Pipe Nipple Corp., 10 Cole, Trenton, N. J.  
Tye Co., 3225 Fillmore, Chicago, Ill.  
United Superior Union Co., Inc., 29 Ryerson, Rahm, N. Y. "U. S."  
Watworth Co., 60 E. 42nd, New York, N. Y. "Walco"  
Ward (Jos. P.) Foundry, Inc., Blossburg, Pa.  
Ware Coupling & Nipple Co., Ware, Mass.  
Watson-Stillman Co., Roselle, N. J.  
Watson Nipple Wks., Inc., Waynesboro, Pa.  
Wise Machine Products, Bedford, O.  
Youngtown Steel Products Co., Youngstown, O. "Yast"

Conduit Pipe Products Co., 668 Raymond, Columbus, O.  
Crouse-Hinds Co., Syracuse, N. Y. "Condulet"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Spraguelets"  
Gillett-Vilber Co., New London, Conn. "Gee Vee"  
Gwilliam Mfg. Corp., 4417 N. 6th, Phila., Pa.  
Killark Electric Mfg. Co., 3940 Easton Av., St. Louis, Mo. "Electrolet"  
Rattan Mfg. Co., New Haven, Conn.  
Steel City Electric Co., Pittsburgh, Pa. "Star Universal"  
Thomas & Betts Co., 36 Butler, Elizabeth, N. J.  
V. V. Fittings Co., 715 Cherry, Phila., Pa.

**FITTINGS, Threadless Conduit**

Adapt Mfg. Co., 1448 E. 49th, N. E., Cleveland, O.  
Adapt Co., 2996 E. 72nd, Cleveland, O.  
Appleton Electric Co., 1701 Wellington Av., Chicago, Ill. "Unilets"  
Crouse-Hinds Co., Wolf and N. 7th, Syracuse, N. Y. "Condulet"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Spraguelets"  
Killark Electric Mfg. Co., 3940 Easton Av., St. Louis, Mo. "Electrolet"  
Roach-Appleton Mfg. Co., 3904 W. Sample, South Bend, Ind.  
Steel City Electric Co., 1207 Columbus Av., Pittsburgh, Pa.

**FITTINGS, Wire Rope**

American Cable Div. American Chain & Cable Co., Inc., Wilkes-Barre, Pa.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Broderick & Bascomb Rope Co., St. Louis, Mo.  
Hazard Wire Rope Div. American Chain & Cable Co., Inc., Wilkes-Barre, Pa.  
Loughlin (Thos.) Co., 199 Fore, Portland, Me.  
Maigne Steel, Inc., South Portland, Me. "Hex-M"  
Roebeling's (John A.) Sons Co., Trenton, N. J.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
Wickwire Spencer Steel Co., 41 E. 42d, New York, N. Y.  
Wilcox Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**FIVE, TEN, FIFTEEN, TWENTY-FIVE CENT AND ONE DOLLAR SPECIALTIES**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Arlington Paint & Varnish Co., Wooster, O. (Paints)  
Armstrong Paint & Varnish Wks., 1318 S. Kilbourn Av., Chicago, Ill. "Tom Thumb" (Paints)  
Atlas-Ansonia Co., New Haven, Conn.  
Bonita Art Glass Co., Huntington, W. Va.  
Carpenter (E. W.) Mfg. Co., Bridgeport, Conn. (Chisels, Knife Sharpeners, Flower Holders, Towel Holders)  
Collis Co., Clinton, Ia.  
Consolidated Merchants Syndicate, Inc., 890 B'way, New York, N. Y.  
Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O. (Screen Door Braces and Small Turnbuckles)  
Dell (Samuel M.) & Co., Inc., Baltimore, Md. (Paint Brushes)  
Diamond Silver Co., Lambertville, N. J. "Wilnot-Stain" (Knives, Forks, Spoons, Etc.)  
Drake (A. W.) Mfg. Co., Hazleton, Pa.  
Eagle Mfg. Co., Wellsburg, W. Va.  
Ennis Mfg. Co., Reading, Pa.  
Erickson (C. E.) & Co., Des Moines, Ia.  
Forg (Peter) Mfg. Co., Somerville, Mass.  
Gardella Mfg. Co., Cleveland, O. "Break-No-More" (Percolator Tops)  
Gatch Wire Goods Co., 801 Buren, Baltimore, Md. "Oriole" (Paint & Varnish Brushes)  
General Hardware Mfg. Co., 16 Warren, New York, N. Y. (Carded Hdwe, Glass House Numbers, Scrapers)  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace" (Taps, Dies & Hack Saws)  
Harris (J. E.) Co., Inc., Wooster, O. (Paints)  
Jaymar Specialty Co., 219 36th, Bklyn, N. Y. (Toy Tool Sets)  
Littlestown Hdw. & Fdy. Co., Littlestown, Pa.  
McKinney Mfg. Co., Pittsburgh, Pa. (Carded Hardware)  
Malin & Co., 2514 Vestry Av., Cleveland, O. (Spooled and Coiled Wire)  
Metal Textile Corp., West Orange, N. J. "Chore Boy"  
Midland Co., South Milwaukee, Wis. "Tite-Line" (Clothes Line Holders)  
Moore, Geo. W., 44 Farnsworth, Boston, Mass. (Screw Drivers & Key Rings)  
Patent Novelty Co., Inc., Fulton, Ill.  
Phoenix Hardware Mfg. Co., Buffalo, N. Y.  
Ritter-Carlton Co., Inc., 373 4th av., New York, N. Y.  
Sargent & Co., New Haven, Conn. (Carded Hardware)  
Schrade, George, Bridgeport, Conn. (Nail Sets, Center Punches and Pocket Knives)  
Sev Products, Inc., 2002 Rand Bldg., Buffalo, N. Y.  
Sheffield Bronze Powder & Stencil Co., Cleveland, O. (Gold & Silver Paint)  
Shelby Metal Products Co., Shelby, O. (Carded Hardware)

Shelby Spring Hinge Co., Shelby, O. (Carded Hardware)  
So-Lo Works, Cincinnati, O. "Auto So-Lo Plastic Rubber," "Red Hot Electric Soldering Irons," "So-Lo's Liquid Solder," "So-Lo Plastic Rubber," "Blue Bond Cement," "Chinky China Cement," "Soot-Go Soot Remover," "Rats-Out Red Squill Paste"  
Sta-Brite Products Corp., New Haven, Conn.  
Thermatrol Mfg. Co., Springfield, Mass.  
Venus Spec. Co., 1715 8th Av., B'klyn, N. Y.  
Vermont Tap & Die Corp., Lyndonville, Vt. (Taps and Dies)  
Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.  
Washburn Company, Worcester, Mass.

**FIVE, TEN, FIFTEEN, TWENTY-FIVE CENT AND ONE DOLLAR TOYS**

Drees (Con. F.) Mfg. Co., Covington, O.  
Gibbs Mfg. Co., Canton, O.  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"  
**FIXTURE HANGING HICKEYS—See Hickeys, Fixture Hanging, Electric**  
**FIXTURE STUDS—See Studs, Fixture, Electric**  
**FIXTURE OUTLETS—See Outlets, Fixture**  
**FIXTURE SWITCHES—See Switches, Fixture, Electric**

**FIXTURES and FURNISHINGS, Bathroom**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Acme Specialty Mfg. Co., Toledo, O.  
American Enameled Products Co., Waukesha, Wis. "Elite," "Kolor Kraft," "Sno-White"  
Art Brass Co., 161 E. 126th, New York, N. Y.  
Autoyre Co., Oakville, Conn.  
Baker (S. D.) Mfg. Co., 234 W. 14th, New York, N. Y. "Attacho," "China Royal," "Samsonchina"  
Bay Ridge Specialty Co., Inc., Trenton, N. J. "Set-urown, Jr."  
Boston Mirror Co., 129 Portland, Boston, Mass.  
Boyle (C. A.) & Co., 833 W. Jackson Blvd., Chicago, Ill.  
Brey-Krause Mfg. Co., Allentown, Pa. "Colonial," "De Luxe Mayflower," "New Mayflower," "Plymouth," "Plymouth Junior"  
Brilliant Glass Products, Inc., Weston, W. Va. "West-tite"  
Central Brass Mfg. Co., Cleveland, O.  
Chapman (W. H.) Co., Middletown, Conn.  
Church (C. F.) Mfg. Co., Holyoke, Mass. "Sani Whyte"  
Cincinnati Chrome Fixture Co., Highland Av., Norwood, O. "Lifetime"  
Columbus Brass Co., Columbus, O.  
Conant Bros., Somerville, Mass.  
Crozier Mfg. Co., 7 S. 5th Av., Mt. Vernon, N. Y. "Cromac"  
Dearborn Brass Co., Cedar Rapids, Ia.  
Demkin Mfg. Co., 101 Salzberg Av., Bay City, Mich. "Demkin"  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brass-crafters"  
Fisher Brass, Inc., Marysville, O.  
Forayth Metal Goods Co., Inc., East Aurora, N. Y.  
Gerity Adrian Mfg. Corp., Adrian, Mich. "Gerity"  
Hallenscheid & McDonald, 1344 W. Wash. Blvd., Los Angeles, Cal. "Hall-Mark"  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Handy Things Mfg. Co., Ludington, Mich.  
Haydenville Co., Haydenville, Mass.  
Hoegger, Inc., 859 Communipaw Av., Jersey City, N. J. "Tyteset"  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
Kimble Glass Co., Vineland, N. J.  
Krischer Trading Corp., 210 Taaffe Pl., Brooklyn, N. Y. "Knight Brand"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Metal Crafters, Inc., East Stroudsburg, Pa.  
Miami Cabinet Div., Philip Carey Co., Middletown, O. "Cascade," "Miami-Carey"  
Mode Mfg. Co., Pasadena, Cal.  
Parker (Chas.) Co., Meriden, Conn.  
Plume & Atwood Mfg. Co., Waterbury, Conn.  
Pocono Metal Mfg. Co., East Stroudsburg, Pa.  
Porcelain Products, Inc., Parkersburg, W. Va.  
Porcellier Mfg. Co., Greensburg, Pa.  
Reliable Metal Novelty Co., 13 W. 26th, New York, N. Y. "Ramco"  
Rundle-Spence Mfg. Co., Milwaukee, Wis.  
Savill's (Thos.) Sons, Phila., Pa.  
Schulte Brass Mfg. Co., Highland Av., Norwood, O. "Beautility"  
Sev Products, Inc., 2002 Rand Bldg., Buffalo, N. Y.  
Test Tite Co., Ridge Av., Phila., Pa.  
Turner & Seymour Mfg. Co., Torrington, Conn. "Wilwear"  
United Wire Goods Mfg. Co., 1150 B'way, New York, N. Y. "Ivory"  
Washburn Company, Worcester, Mass. "Natwire"  
"White Steel" Sanitary Furniture Co., Grand Rapids, Mich.  
Willette Corp. of New Jersey, New Brunswick, N. J. "Stae Fast"




 <p><b>Model 811S</b> Spike Base also Models 810 and 812P for Pipe Connection</p> <p>Hose Connection or Pipe Connection Water Delivery 3 to 7½ gals. per minute</p> <p>Spread 20 ft. to 55 ft. Even Coverage</p>	<p align="center"><b>THE PARK</b></p> <p align="center"><b>Sprinklers</b> Manufactured by <b>PARK SPRINKLER MFG. CO.</b> Jacksonville, Fla.</p> <p align="center">Special Agents <b>ROBERTS COMPANY</b> 1049 Broadway Burlingame, Cal.</p>	 <p><b>Model 810R</b> Roller Base</p> <p align="center">Warehouses Burlingame, Cal. New York City Chicago, Ill. New Orleans, La.</p>
---	--	---

**4 PROFIT-MAKING NATIONAL SPECIALTIES**



**Noxem  
Weed  
Killer**  
List  
Price  
\$1.25  
ea.







**SOLDERING IRONS**

The "National" line contains a complete range of Electric Soldering Irons for every need. No. 49 "Regular" is a popular priced iron for radio or home use. Has finest heating element in any iron at the price. 60 Watts, 110 V. A. C. or D. C. Retails \$1.50. Extra tips 30¢. Super-Industrial Irons also in complete range of sizes, 65 to 200 Watts. Have patented armored tip, will not corrode or "freeze" in heat chamber. Voltages 110 to 220. Priced \$5.00 to \$8.00.

**NOXEM WEED KILLER** Uses gasoline or naptha. A few drops kills weeds of all kinds—destroys roots and all. Used without stooping or digging. Easy, sure, quick. Solid brass. Size 13/16" x 32". 1 doz. in carton. Retails \$1.25 each.

**"MITERITE" MITRE BOX No. 15**

Portable and accurate. All steel, cadmium plated; saw guide swivels in full 90 degree arc, and is graduated at 22½, 30 and 45 degrees either way from center. Mitre, panel or hand saw can be used. Adjustable to 3" in height, will handle work up to 8" wide. Size 8½" long, mounted on ½" board 6 x 14". Easily and quickly taken apart for carrying in tool box. List: \$1.75 each, 1 in display box—12 to carton.

**NATIONAL SPECIALTIES COMPANY, 1900 Howell St., Fort Wayne, Ind.**

**3 NEW PROFIT-MAKING PRODUCTS**



**New Health Way Juicer**

**New Health Way Juicer**

Extracts all the juice from vegetables quickly and easily. The new hinged hopper (an exclusive feature) opens wide like a book, making it very easy to clean. Made of cast iron (tinned) which gives it a bright and sanitary finish. Every housewife is a prospective customer for this modern practical juicer. Individually packed. 6 in carton.

**New Pilgrim Freezer**

Beautifully streamlined. Outstanding value. Freezes ice cream perfectly. Gear frame painted red Duco finish—movable parts completely enclosed. Freezer painted a durable washable grey paint—easy to keep clean. 2, 3, 4, 6 and 8 qt. sizes. Low priced. Individually packed.

**New Dandy Steel Hook Rake**

New circular shaped frame permits every tooth to come in contact with lawn at same time. Meets every need, 16, 18 and 20 teeth, 4 ft. ashwood handle. Also Sweep Rake Pattern—used like a broom. 6 in carton.



**Pilgrim Freezer**

**New Dandy Steel Hook Rake**

**Our Other Products Include**

Food Choppers, Cherry Seeders, Asbestos Mats, Line of Triple Action New Standard, 2-qt. metal, and special 2-qt. wood tub ice cream freezers.

**NEW STANDARD CORPORATION, MOUNT JOY, PA., U. S. A.**

**BRUSHES & BROOMS**  
WIRE-BRISTLE-FIBRE

*for the Hardware Trade*





Wire Scratch Brushes	Floor Brushes	Creamery Brushes	Butcher Block Brushes
Wire Wheel Brushes	Push Brooms	Household Brushes	Flue & Boiler Brushes
Window Brushes	Roof Brushes	Automotive Brushes	Foundry Brushes
Counter Brushes			Platers' Brushes
Waxing Brushes			Bakers' Brushes

**Special Brushes of All Kinds**

**THE MILWAUKEE BRUSH MANUFACTURING CO.**  
2238 North 30th Street  
Milwaukee, Wisconsin

Send for  
Catalog No. 36

Mention Hardware Age When Writing

**FIXTURES, Clamp**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Little Giant," "Pony"  
Sears (E. C.) & Co., Syracuse, N. Y.

**FIXTURES, DISPLAY, HARDWARE**—See Fixtures, Store, Display  
**FIXTURES, Door**—See article desired

**FIXTURES, Door, Fire**

(See also Bolts, Door, Panle)

Althoff-Prooty, Inc., Danville, Ill. "Reliable"  
Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Corbin, P. & F., New Britain, Conn.  
Lanbro Mfg. Co., Inc., Poughkeepsie, N. Y. "Lane"  
McCabe Hanger Mfg. Co., 425 W. 25th, New York, N. Y.  
Moser Bros. Iron Co., St. Louis, Mo.  
Peters (Jas.) & Son Co., Phila., Pa.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Richmond Fireproof Door Co., Richmond, Ind.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Euswin"  
Sargent & Co., New Haven, Conn.  
Wagner Mfg. Co., Cedar Falls, Ia. "Wagner"  
Western Products, Inc., Newcastle, Ind. "Western"

**FIXTURES, Electric Light**

Artiller Co., 1814 E. 40th, Cleveland, O.  
Art Metal Co., 1814 E. 40th, Cleveland, O.  
Bryant Electric Co., Bridgeport, Conn. "Alabax"  
Curtis Lighting, Inc., 1124 W. Jackson Blvd., Chicago, Ill. "Edge-Ray"  
Duplexlite Div. of Miller Co., Meriden, Conn.  
Farns Mfg. Co., Decatur, Ill. "Edge-Lite"  
Frankelite Co., 5016 Woodland Av., Cleveland, O. "Diamond"  
Gillender & Sons, Inc., Phila., Pa. (Glass)  
Globe Lighting Fixture Co., 7 Av. & 12th, Bklyn, N. Y.  
Gruber Bros., 72 Spring, New York, N. Y. "GGG"  
Herrwig Co., 1752 Sedgwick, Chicago, Ill.  
Hulophane Co., Inc., 342 Madison Av., New York, N. Y.  
Kaylite Mfg. Corp., 138 Mott, New York, N. Y.  
Lightolier Co., 11 E. 36th, New York, N. Y.  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
Marble Electric Products, Inc., 145 Seneca, Buffalo, N. Y.  
Miami Cabinet Div., Philip Carey Co., Middle-town, O. "Miami-Carey" (Bathroom)  
Parco Lighting Equipment Co., 12 Waverly Pl., New York, N. Y.  
Pan & Seymour, Syracuse, N. Y.  
Smootherman Co., Inglewood, Cal. "Sight Craft," "Unit-Light"  
Twentieth Century Engineering Co., Mankato, Minn. "Te-Mo-Lite"  
United Metal Spinning Co., Inc., 440 Adelphi, Brooklyn, N. Y.  
Wardfield (F. W.) Brass Co., Vermillion, O. "What-A-Lite"  
Waddinghouse Electric & Mfg. Co., Lighting Div., Edgewater Park, Cleveland, O. "Storlite"  
White (O. C.) Co., Worcester, Mass.  
**FIXTURES, Fireplace**—See Andrews, Fenders and Grates; also Fenders, Fireplace

**FIXTURES, Garden Lighting**

Garden Lighting Equipment Co., 1210 E. 118th, Cleveland, O.

**FIXTURES, Grindstone**

American Fry & Mfg. Co., St. Louis, Mo.  
Besse Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Sargent & Co., New Haven, Conn.  
Weller Hardware & Fry Co., Horseheads, N. Y.  
Western Products, Inc., New Castle, Ind.

**FIXTURES, Lighting, Fluorescent**

Benjamin Electric Mfg. Co., Des Plaines, Ill. "Flur-O-Line"  
Curtis Lighting, Inc., 1119 W. Jackson Blvd., Chicago, Ill.  
Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y.  
Electro Mfg. Co., 411 S. Jefferson, Chicago, Ill.  
"Fluor-O-Brite," "Fluor-O-Lite"  
Flex-O-Lite Co., St. Charles, Ill. "Flex-O-Lite"  
Guth (Edwin F.) Co., 2615 Washington Av., St. Louis, Mo. "Flu-O-Flector," "Duofluo"  
Herridge-Sylvania Corp., Salem, Mass. "Miralume"  
Miller Co., Meriden, Conn.  
Modern Light & Equipment Co., 1122 S. Michigan Ave., Chicago, Ill.  
Parco Lighting Equipment Co., 12 Waverly Pl., New York, N. Y.  
Peters Mfg. Co., Inc., Germantown, Av. and Master, Philadelphia, Pa. "FLEUR-O-RAY"  
Ritter Dental Mfg. Co., Inc., Ritter Park, Rochester, N. Y.  
Van Dyke Industries, 2857 S. Halsted, Chicago, Ill. "Lito-Day"  
Williams (N. E.) Products Co., Carthage, Mo.

**FIXTURES, Sash Chain**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
Bridgport Chain Co., Bridgeport, Conn.  
Crescent Chain & Mfg. Co., Cleveland, O.  
Curtis P. & F., New Britain, Conn.  
Edgel Chain Co., 334 Cooper Av., Cleveland, O.  
Farnish Hardware Mfg. Co., Buffalo, N. Y.  
Harris & Eggs Div. of Turner & Seymour Mfg. Co., Torrington, Conn.

**FIXTURES, Shade**—See Rollers and Fixtures, Shade

**FIXTURES, Store, Display**

(See also Cases, Display; also Counters, Display, Nail, Store, Wrapping, etc. Also Racks, Wire-cloth)

Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
Columbus Show Case Co., 826 W. 5th Av., Columbus, O.  
Frick-Gallagher Mfg. Co., Wellston, O. "Rotabin"  
Grand Rapids Store Equipment Co., Grand Rapids, Mich.  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Lyon Metal Products, Inc., 186 Madison Av., Aurora, Ill.  
Multiplex Display Fixture Co., 911 N. 10th, St. Louis, Mo. "Multiplex"  
Schwartz Showell Corp., 842 W. Goodale Bldg., Columbus, O. "Showell"  
Stark (James E.) Co., 25 Plum, Memphis, Tenn.  
Stensgaard (W. L.) & Associates, Inc., 346 N. Justice Av., Chicago, Ill. "G.D.S."  
Store Kraft Mfg. Co., Beatrice, Neb.  
Universal Equipment Co., 3601 Arthington, Chicago, Ill.  
Universal Fixture Corp., 135 W. 23rd, New York, N. Y. "Uniflex"  
Warren (J. D.) Mfg. Co., Montpelier, O.  
Wellston Mfg. Co., Wellston, O. "Revolve"

**FIXTURES, Wardrobe**

Fischer (Chas.) Spring, Co., 240 Kent Av., Bklyn, N. Y.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Mackie-Lovejoy Mfg. Co., 1701 W. 13th, Chicago, Ill.  
Milwaukee Stamping Co., Milwaukee, Wis.  
Stanley Works, New Britain, Conn.  
Western Products, Inc., New Castle, Ind. "Swing In"

**FLAG POLE BRACKETS**—See Brackets, Pole, Flag  
**FLAG POLE SOCKETS**—See Sockets, Pole, Flag  
**FLAG POLES**—See Poles, Flag

**FLAGS**

(See also Pennants)

American Flag Co., 78 Mercer, New York, N. Y.  
Annin & Co., 85 5th Av., New York, N. Y.  
Cincinnati Regalia Co., Cincinnati, O.  
Collegeville Flag & Mfg. Co., Collegeville, Pa.  
Dettra Flag Co., Inc., Oaks, Pa. "Bull Dog"  
Emerson Mfg. Co., Inc., San Francisco, Cal.  
Goodell (Jas. M.), Chicago, Ill.  
Goss (J. C.) Co., Detroit, Mich.  
Humphry (R. A.) Sons, Inc., 1019 Callowhill, Phila., Pa.  
National Flag Co., Cincinnati, O.  
Valley Forge Flag Co., Spring City, Pa.  
Ward-Stilson Co., Anderson, Ind.

**FLANGES, Roof**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
Bourneuf (Louis) Corp., Lynn, Mass. "Hub"  
Carpenter & Paterson, Inc., Boston, Mass. "Witch"  
Eagle-Picher Lead Co., Cincinnati, O.  
Harker Mfg. Co., Cincinnati, O. "Brelaw"  
Midland Metal Mfg. Co., Kansas City, Mo.  
Prier Brass Mfg. Co., Kansas City, Mo. "S. M. & S."  
Southwest Hdwe. Mfg. Co., Ft. Smith, Ark.  
Twickler (Wm.) & Sons, Inc., 4530 Magazine, New Orleans, La. "South-State"  
United Lead Co., 111 B'way, New York, N. Y.

**FLARES, Highway Lighting**

Anthes Force Oiler Co., Fort Madison, Ia. "Lektro-flar," "Motoflar"  
Arrow Safety Device Co., Medford, N. J.  
Bolser Corp., 524 W. First, Cedar Falls, Ia.  
Chemurgic Corp., Giant Rd., Richmond, Cal. "Giant"  
Diets (R. E.) Co., 80 Laight, New York, N. Y. "No. 32," "No. 232," "332"  
Embury Mfg. Co., Warsaw, N. Y. "Gangway," "Luck-E-Lite"  
Red Flare Signal Corps, Fostoria, O. "Red Flare"  
Toledo Pressed Steel Co., 397 Phillips Av., Toledo, O. "Toledo"  
United States Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Red-Head"

**FLASHERS, Electric**

Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
Marks Products Co., Inc., 34 N. 9th, B'klyn, N. Y. "Snapit"  
Reynolds Electric Co., 2650 W. Congress, Chicago, Ill. "Reco"  
Rodale Mfg. Co., Emaus, Pa.

**FLASHING, Blocks and Forms**

Barrett Co., 40 Rector, New York, N. Y.  
**FLASHING HOOKS**—See Hooks, Flashing

**FLASHING, Lead**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., Brooklyn, N. Y.  
National Lead Co., 111 B'way, New York, N. Y.

**FLASHING, Wall, Corrugated**

Braden Mfg. Co., Terre Haute, Ind.  
Klauser Mfg. Co., Dubuque, Ia.  
Milcor Steel Co., Milwaukee, Wis.  
National Lead Co., 111 B'way, New York, N. Y.

**FLASHLIGHT BATTERIES**—See Batteries, Flashlight

**FLASHLIGHT HOLDERS**—See Holders, Flashlight

**FLASHLIGHT SCREW DRIVERS**—See Screw Drivers, Flashlight

**FLASHLIGHTS, Electric**

Allbright Electric Corp., 119 W. 24th, New York, N. Y. "Midget," "Penlites"  
Bond Electric Corp., New Haven, Conn. "Bond," "Bronz-Lite," "Franco," "Orion," "Winner"  
Bright Star Battery Co., Clifton, N. J. "Bright Star," "Unneedit"  
Burgess Battery Co., Freeport, Ill. "Economy," "Rangerfinder," "Safety-Lites," "Whirlwind"  
Burgess (C. F.) Laboratories, Madison, Wis.  
Chase Brass & Copper Co., Waterbury, Conn. "Airlite," "Bomb"  
Delta Electric Co., Marion, Ind. "Buddy," "Junior-lite," "Marionette"  
Gits Molding Corp., 4600 Huron, Chicago, Ill.  
Hershey Metal Products, Inc., Derby, Conn. "Pae-lites," "Yes Poc Light"  
Hipwell Mfg. Co., 831 North Av. W., Pittsburgh, Pa.  
Micro-Lite Co., 45 W. 25th, New York, N. Y. "Micro-Lite"  
National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready," "Masterlite"  
Niagara Searchlight Co., Niagara Falls, N. Y.  
Ray-O-Vac Co., Madison, Wis. "Baby Copperlite," "Bullet-Beam," "Clip Lite," "Copperlite," "Dualite," "Ray-O-Vac," "Silver Stream," "Standard," "Rotomatic"  
Usoma Mfg. Co., Inc., 24 N. 11th, Toledo, O. "Jewellite," "Kwik-Lite"  
U. S. Electric Mfg. Corp., 22 W. 14th, New York, N. Y. "Flare-Lite," "Mickey Mouse," "Red-Head," "Usa-Lite"  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

**FLASHLIGHTS, Electric, Self-Generating**

Genafash Co., 332 New Scotland Av., Albany, N. Y. "Genafash"  
Monarch Mfg. Co., 711 W. Lake, Chicago, Ill. "Flashmaster"  
Powerflo Co., 2515 Wabash Av., Chicago, Ill. "Powerflo"  
Viz Corp., 335 E. Price, Phila., Pa. "Viz-Lite"

**FLAT GROUND STOCK**—See Stock, Flat Ground

**FLAT SILVER PLATED TABLE WARE**—See Ware, Table, Flat, Silver Plated

**FLAT SILVER TABLE WARE**—See Ware, Table, Flat, Silver

**FLAT SPRINGS**—See Springs, Flat

**FLAT AND TUBULAR STEEL FURNITURE**—See Furniture, Steel, Flat and Tubular

**FLAT STEEL STAINLESS TABLE WARE**—See Ware, Table, Flat, Steel, Stainless

**FLAT TABLE WARE, Silver Plated**—See Ware, Table, Flat, Silver Plated

**FLATTERS, Blacksmiths'**

Stanley Tools Div. Stanley Works, New Britain, Conn. "Stanley Atha"  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.  
Woodings-Verona Tool Wks., Verona, Pa.

**FLATTING OILS**—See Oils, Flattening

**FLAX TWINE**—See Twine, Wrapping, Etc.

**FLESH FORKS**—See Forks, Flesh

**FLESHING KNIVES**—See Knives, Fleshing

**FLEXIBLE ARMORED STEEL CABLE**—See Cable, Flexible Steel Armored

**FLEXIBLE METALLIC CONDUIT CUTTERS**—See Cutters, Cable, Armored

**FLEXIBLE METALLIC CONDUIT FITTINGS**—See Fittings, Flexible, Metallic Conduit

**FLEXIBLE METALLIC CONDUIT**—See Conduit, Flexible Metallic

**FLEXIBLE-RIGID STEEL RULES**—See Rules, Flexible-Rigid, Steel

**FLEXIBLE SHAFT COUPLINGS**—See Couplings, Shaft, Flexible

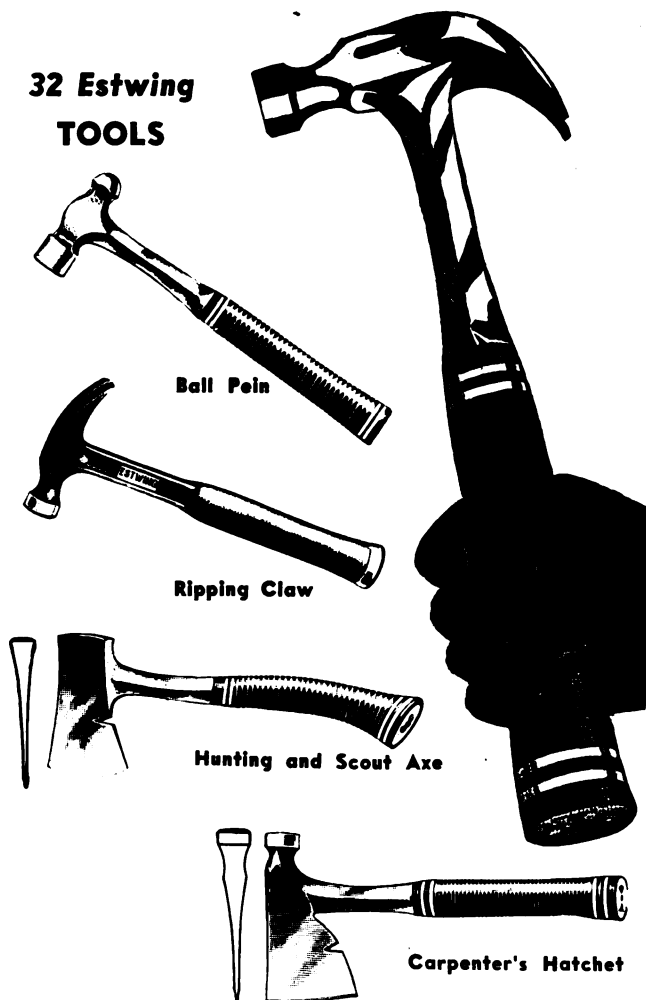
**FLEXIBLE SPOUT OILERS**—See Cans, Oiling

**FLEXIBLE WASTE PIPE CLEANER**—See Cleaners, Pipe Tool

**FLIES, Fishing**

Buel (J. T.) Co., Saratoga Springs, N. Y.  
Enterprise Mfg. Co., Dept. HA, Akron, O. "Four Brothers," "Pfeuger Bull Dog"  
Fly Fish Kit Co., Kent, O. "Schumann's"  
Frost (G. W.) & Sons, Stevens Point, Wis. "Angler," "Badger," "Blue Cap," "Buck-Minno," "Buck-Stream," "Chancellor," "Expert," "Fairway," "Frostons Frosted," "Musko," "Pennell," "Perfection," "Pointer," "Spokane Belle," "Supreme," "Water Queen"

## 32 Estwing TOOLS



# Unbreakable

### Exclusive Features:

Estwing Hammers and Hatchets are FORGED in one piece, head and handle. Outlasts 40 wooden handles by actual test. The balance is perfect and permanent. Heads cannot fly off—saves all the expense, delay and danger from loose or broken handles. Handles have a smooth, non-slip, grip made of 50 sole leather washers.

More profit in Estwing Tools—you get \$2.00 for the High Polished Finish from craftsmen and sportsmen and \$1.50 for the Black finish from home owners, farmers and scouts. Our distributors and ourselves, protect the dealer by **maintaining our prices**. 150 Leading Jobbers carry Estwing Tools. Yours will supply you.

**ESTWING MFG. CO.**  
Rockford, Illinois



## NOW—THE PERFECT DISPLAY OF SUPERB RUBBER BALLS!

This compact, but striking display stand, loaded with brilliantly colored BARR rubber balls, will produce year 'round volume and profits far above average.

The quality, big value BARR toys positively deserve a place in every hardware store. Once the hardware dealer has experienced customer reaction he will never be without them.

Your inquiry will promptly bring literature, descriptive of a low cost unit of balls including a free display stand.

Write Dept. V-7 today.

WORLD'S LARGEST MANUFACTURER OF RUBBER TOYS

**THE BARR RUBBER  
PRODUCTS CO.**  
Sandusky, Ohio, U. S. A.

Mention Hardware Age When Writing

Digitized by Google



# STAPLE SELLER

**WRENCHES:** Two-lines—Crescent, the original adjustable wrench of this type and Crestoloy, light—thin—200% stronger than ordinary wrenches. Crescent sizes—4 to 18'; Crestoloy sizes—4 to 24'.

**PLIERS:** A wide range of types including slip-joint, wire-cutting and Crestoloy electrical workers pliers in 15 popular patterns.

**SCREWDRIVERS:** A full range of types and sizes with tempered blades, turned ferrules, and natural finish hard maple handles which will not turn or loosen.

**SNIPS:** A full line including regular pattern, combination, circular-cutting and heavy-duty types. Quality snips popularly priced.

**HACKSAWS:** A quality line of better made frames with wood, steel and composition handles. Handsome nickel-plated finish.

**PUNCHES:** Center, Prick, Pin, Repair and Lining-up, and Solid Punches. Forged steel, carefully hardened to prevent heads chipping or mushrooming. Complete size range.

**CHISELS:** A complete line of cold chisels in various point and nose designs. Also all steel wood chisels for heavy service.

**ETC.:** The Crescent and Smith & Hemenway line includes many other staple selling tools of typical Crescent high quality. See the complete Crescent catalog.

● Crescent, Crestoloy and Smith & Hemenway tools as manufactured by the Crescent Tool Company, are made and guaranteed by an organization which has demonstrated its ability to build better hand tools for a third of a century. They are designed primarily as profitable items for the hardware trade and are sold by hardware jobbers everywhere. Hardware dealers who stock and sell Crescent Tools are taking advantage of a universally accepted product which has been advertised consistently for many years.

**CRESCENT TOOL CO.**

**JAMESTOWN, N. Y.**

**CRESCENT and Smith & Hemenway TOOLS**





# SILENT SALESMEN



## CUSTOM-MADE TO MATCH YOUR STORE FIXTURES

● Crescent Tool dealers are offered an excellent opportunity to improve the appearance of their tool departments and increase tool sales thru the use of custom-made Crescent Tool Displays. A well-equipped department is maintained at the factory where special displays are made up to individual dealer's specifications. Any selection of tools can be assembled—any dimensions, color and finish can be specified by Crescent dealers. Boards are so designed that individual tools can be quickly removed for demonstration. No charge is made for the display itself and dealers are invited to write us about their display problems.

**CRESCENT, CRESTOLOY AND S & H TOOLS** are fully described in this 1940 catalog. Get your copy. Leading Jobbers everywhere carry Crescent Tools—order from your jobber!

CRESCENT TOOL CO.

JAMESTOWN, N. Y.



# CRESCENT and Smith & Hemenway TOOLS



**FLIES, Fishing (Continued)**

Haddon's (Jas.) Sons, Dowagiac, Mich.  
Hilderbrandt (John J.) Co., Logansport, Ind. "Fussy Wussy," "Hil-De-Lux," "Maniac"  
Hoag (M. E.) Fly & Tackle Co., Los Angeles, Cal.  
Horrocks-Ibbotson Co., Dept. S., Utica, N. Y. "Gold Medal"  
Jamison (W. J.), 5817 W. Division, Chicago, Ill.  
Kerell (Chas. H.) Co., San Francisco, Cal.  
Milbrite Steel & Wire Works, Inc., Howell, Mich.  
"Milbrite"  
Olefin Woodsman's Line, Paxton, Mass. "Joe Shimmer"  
Orvis (C. F.) Co., Manchester, Vt.  
Paw Paw Bait Co., Paw Paw, Mich. "Nieboer Trout Fly"  
Pekinspaugh, E. H., Chattanooga, Tenn.  
Shoff Tackle Co., Kent, Wash.  
South Bend Bait Co., South Bend, Ind.  
Weber Lifelike Fly Co., Stevens Point, Wis. "Green Bay," "Lifelike"  
Wright & McGill Co., Denver, Colo.  
**FLINT PAPER**—See Papers, Abrasive, Coated, Flint, Garnet, Aluminum Oxide, Silicon Carbide, Etc.

**FLINTS**

Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.  
"Justrite"

**FLOAT VALVES**—See Valves, Float and Tank

**FLOATS, Closet Tank, Copper**

Ayling & Reibert Co., Toledo, O. "No-Sol"  
Boston Brass Co., Waltham, Mass. "B. B. Dirigo"  
Carpenter & Paterson, Inc., East Boston, Mass. "Witch"  
Chase Brass & Copper Co., Waterbury, Conn. "Star"  
Detroit Metal Spinning Co., Detroit, Mich. "Democrat"  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Egan Mfg. Co., Hartford, Conn.  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
Kestone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
Nauvatch Mfg. Co., Nauvatch, Conn.  
Reichert Float & Mfg. Co., Toledo, O. "Federal," "Leader," "Toledo"  
Sevill Mfg. Co., Plumbers' Brass Goods Div., Waterville, Conn.  
Union Metal Works, Chelsea, Mass.  
Weber Bros. Metal Works, Chicago, Ill.

**FLOATS, Copper, Steam Trap and Boiler**

Boston Brass Co., Waltham, Mass.  
Dahlgren Mfg. Co., Boston, Mass.  
Dugan (John) Co., Cincinnati, O. "Everlasting"  
Ford Governor Co., Inc., Marshalltown, Ia.  
Ford Regulator Valve Co., 408 Broome, New York, N. Y.  
Gervin & Copper, Boston, Mass.  
Kestone Brass & Rubber Co., 811 Chestnut, Phila., Pa.  
Nauvatch Mfg. Co., Nauvatch, Conn.  
Reichert Gauge Column Co., Cleveland, O.  
Weber Bros. Metal Wks., Chicago, Ill.

**FLOATS, Fishermen's**

Tucker Duck & Rubber Co., Fort Smith, Ark.  
"Fish-N-Float"

**FLOATS, Fishing**

Armstrong Cork Wks. Co., Lancaster, Pa.  
Bov Mfg. Co., Winona Lake, Ind. "Winona"  
Coke-Roberts Corp., Orange, Mass.  
Cope & Paddock, Inc., 48-15 32nd Pl., Long Island City, N. Y.  
Dahlgren Mfg. Co., Irvington, N. J. "Adjust-O-Float"  
Hilderbrandt (John J.) Co., Logansport, Ind.  
Horrocks-Ibbotson Co., Dept. S., Utica, N. Y.  
Paw Paw Bait Co., Paw Paw, Mich.  
South Bend Bait Co., South Bend, Ind. "Ideal"

**FLOATS, Plasterers' and Cement Workers'**

(See also Hawks, Plasterers)  
Armstrong Cork Co., Lancaster, Pa.  
Bov Mfg. Co., Winona Lake, Ind. "Winona"  
Coke-Roberts Corp., Orange, Mass.  
Cope & Paddock, Inc., 48-15 32nd Pl., Long Island City, N. Y.  
Dahlgren Mfg. Co., Irvington, N. J. "Adjust-O-Float"  
Hilderbrandt (John J.) Co., Logansport, Ind.  
Horrocks-Ibbotson Co., Dept. S., Utica, N. Y.  
Paw Paw Bait Co., Paw Paw, Mich.  
South Bend Bait Co., South Bend, Ind. "Ideal"

**FLOATS, Seine**

Armstrong Cork Co., Lancaster, Pa.

**FLOODLIGHTS, Electric**

Black, M., 309 Cherry, Phila., Pa.  
Benjamin Electric Mfg. Co., Des Plaines, Ill.  
Carpenter Mfg. Co., 125 Bway., Boston, Mass. "Master-Lite"  
Chase-Shawmut Co., Newburyport, Mass.  
Curtis Lighting, Inc., 1119 W. Jackson Blvd., Chicago, Ill.  
Diets (R. E.) Co., 60 Laight, New York, N. Y. "Economy"  
Garden Lighting Equipment Co., 1210 E. 113th, Cleveland, O.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E Novalux"  
Keckley (O. C.) Co., 567 Washington Blvd., Chicago, Ill.  
Kees (F. D.) Mfg. Co., 24 High, Beatrice, Neb. "Handi-Lite"  
Michell Mfg. Co., 1550 N. Dayton Av., Chicago, Ill.  
Multi Electrical Mfg. Co., 1840 W. 14th., Chicago, Ill.  
S & M Lamp Co., Los Angeles, Cal. "Red Cap"  
Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.  
Wilson Lighting, Inc., 411 S. Clinton, Chicago, Ill.

**FLOOR BROOMS**—See Brooms, Push; Also Brushes, Household

**FLOOR BRUSHES**—See Brushes, Household

**FLOOR CHECKS**—See Closers, Door, Floor

**FLOOR CHISELS**—See Chisels, Floor

**FLOOR CLEANING MACHINES, POLISHING, SCRUBBING, STEEL WOOLING and WAXING, FLOOR, ELECTRIC**—See Machines, Polishing, Scrubbing, Steel Wooling and Waxing, Floor, Electric

**FLOOR CLIPS**—See Anchors, Sleeper

**FLOOR COVERING**—See Coverings, Floor

**FLOOR DOOR CLOSERS**—See Closers, Door, Floor

**FLOOR DUSTERS**—See Dusters, Floor

**FLOOR EDGING MACHINES**—See Machines, Sanding, Surfacing and Edging, Floor, Electric

**FLOOR ENAMELS**—See Enamels, Floor

**FLOOR FINISHERS AND FILLERS**—See Finishers and Fillers, Floor

**FLOOR FLANGES, CLOSET**—See Flanges, Closet Floor

**FLOOR FURNACES**—See Furnaces, Floor

**FLOOR HINGES**—See Hinges, Floor

**FLOOR MACHINES, ELECTRIC**—See Machines, Sanding, Surfacing and Edging, Floor, Electric; also Machines, Polishing, Scrubbing, Steel Wooling and Waxing, Floor, Electric

**FLOOR OILCLOTHS**—See Oilcloth, Floor

**FLOOR PAINTS**—See Paints, Floor

**FLOOR PLATES**—See Plates, Floor and Ceiling

**FLOOR POLISHERS**—See Brushes, Floor Polishing; also Machines, Polishing, Scrubbing, Steel Wooling and Waxing, Floor, Electric

**FLOOR POLISHES**—See Polishes, Floor

**FLOOR POLISHING BRUSHES**—See Brushes, Floor Polishing

**FLOOR POLISHING ELECTRIC MACHINES**—See Machines, Polishing, Scrubbing, Steel Wooling and Waxing, Floor, Electric

**FLOOR REGISTERS**—See Registers, Warm Air

**FLOOR RESURFACING COMPOUNDS**—See Compounds, Resurfacing, Floor

**FLOOR SANDING MACHINES**—See Machines, Sanding, Surfacing and Edging, Floor, Electric

**FLOOR SCRAPERS**—See Scrapers, Floor

**FLOOR SCRUBBERS**—See Machines, Polishing, Scrubbing, Steel Wooling and Waxing, Floor, Electric

**FLOOR SQUEAKING COMPOUNDS**—See Compounds, Floor, Non Squeak

**FLOOR SQUEEGES**—See Squeeges, Floor

**FLOOR STEEL WOOLING MACHINES**—See Machines, Polishing, Scrubbing, Steel Wooling and Waxing, Floor, Electric

**FLOOR SURFACERS**—See Machines, Sanding, Surfacing and Edging, Floor, Electric

**FLOOR SWEEPERS**—See Sweepers, Floor, Factory

**FLOOR VARNISHES**—See Varnishes, Floor

**FLOOR WAXERS**—See Machines, Polishing, Scrubbing, Steel Wooling and Waxing, Floor, Electric

**FLOORING BRADS**—See Brads

**FLOORING CLAMPS**—See Clamps, Flooring

**FLOORING HATCHETS**—See Hatchets, Forged Steel

**FLOORING SAWS**—See Saws, Flooring

**FLORIST KNIVES**—See Knives, Florist

**FLOUR EMERY**—See Abrasives, Powdered

**FLOUR MILLS**—See Mills, Flour

**FLOUR SIEVES**—See Sieves, Flour

**FLOUR SIFTERS**—See Sifters, Flour

**FLOWER BED BORDERS**—See Borders, Flower Bed

**FLOWER BOXES**—See Boxes, Flower

**FLOWER CUTTERS**—See Cutters, Flower

**FLOWER CUTTING SHEARS**—See Shears, Flower Cutting

**FLOWER HOLDERS**—See Holders, Flower

**FLOWER PICKERS**—See Pickers, Fruit, Etc.

**FLOWER POT BRACKETS**—See Brackets, Flower Pot

**FLOWER POT SAUCERS**—See Saucers, Pot, Flower, Rubber

**FLOWER POTS**—See Pots, Flower

**FLOWER PROTECTORS**—See Protectors, Trees and Shrubby

**FLOWER SEED**—See Seed, Flower

**FLOWER STAKES**—See Stakes, Nursery and Garden

**FLOWER VASES**—See Vases, Flower

**FLOWER VASES, Lawn**—See Vases, Lawn

**FLOWER WEEDERS**—See Weeders, Garden and Lawn

**FLUE BRUSHES**—See Brushes, Flue

**FLUE SCRAPERS**—See Scrapers, Flue

**FLUE STOPPERS**—See Stoppers, Flue

**FLUIDS, CLEANING**—See Compounds, Cleaning

**FLUIDS, SOLDERING**—See Soldering Fluid

**FLUIDS, Tire, Bicycle**

Van Cleaf Bros., Woodlawn Av., to 78th, Chicago, Ill. "Dutch"

**FLUORESCENT LAMPS**—See Lamps, Fluorescent

**FLUORESCENT LIGHTING FIXTURES**—See Fixtures, Lighting, Fluorescent

**FLUSH DRAWER RINGS**—See Rings, Flush, Drawer

**FLUSH OUTLETS**—See Outlets, Flush

**FLUSH PLATES, Switch**—See Plates, Flush

**FLUSH PUSH SWITCHES**—See Switches, Flush Push, Electric

**FLUSH RECEPTACLES**—See Receptacles, Flush

**FLUSH SWITCH PLATE THERMOMETERS**—See Thermometers, Flush Switch Plate

**FLUSHERS, Closet Tank**

National Specialties Co., Inc., 1902 Howell, Fort Wayne, Ind. "No-Stik"

**FLUSH TANK BALLS**—See Balls, Flush Tank

**FLUSH TOGGLE SWITCHES**—See Switches, Flush Toggle, Electric

**FLUX POTS**—See Pots, Flux

**FLUXES, SOLDERING**—See Soldering Fluxes

**FLY BOOKS**—See Books, Fly

**FLY BOXES**—See Boxes, Fly

**FLY CATCHERS**—See Traps, Fly

**FLY CREAM**—See Cream, Insect

**FLY FISHING DRESSINGS**—See Dressings, Fly Fishing

**FLY NETS**—See Nets, Fly

**FLY PAPER**—See Paper, Fly

**FLY PAPER RIBBONS**—See Paper, Fly

**FLY REPELLENTS**—See Repellents, Fly

**FLY SPRAYS**—See Repellents, Fly

**FLY SWATTER WIRE CLOTH**—See Cloth, Wire

**FLY SWATTERS**—See Swatters, Fly

**FLY TRAPS**—See Traps, Fly

**FLY WINDING VISE**—See Vises, Winding, Fly

**FOLDING ANCHORS**—See Anchors, Boat, Ship, etc.

**FOLDING BATH TUBS**—See Tubs, Bath, Folding

**FOLDING BOATS**—See Boats, Folding

**FOLDING BOAT SEATS**—See Seats, Boat, Folding

**FOLDING CAMP COTS**—See Cots, Camp, Folding

**FOLDING CANDLE LANTERNS**—See Lanterns, Candle, Folding

**FOLDING CANVAS BASINS**—See Basins, Canvas, Folding

**FOLDING CHAIRS**—See Chairs, Folding

**FOLDING COTS**—See Cots, Camp, Folding

**FOLDING GATES**—See Gates, Folding

**FOLDING HORSES**—See Horses, Steel

**FOLDING PAPER BOXES**—See Boxes, Paper, Folding

**FOLDING RULES**—See Rules, Folding

**FOLDING SCREW DRIVERS**—See Screw Drivers, Folding

**FOLDING STEP LADDERS**—See Ladders, Step, Folding

**FOLDING TABLE CATCHES**—See Catches, Table, Folding

**FOLDING TABLE LEGS**—See Legs, Table, Folding

**FOLDING TABLES**—See Tables, Card and Folding

**FOLDING TRELLISES**—See Trellises

**FOLDING TRESTLES**—See Horses, Steel and Wood

**FOOD CHOPPERS**—See Choppers, Meat

**FOOD CONTAINERS**—See Containers, Refrigerator, Food

**FOOD, Dog**

Austin Dog Bread & Animal Food Co., Chelsea, Mass.  
Battle Creek Dog Food Co., Battle Creek, Mich.  
Calo Food Products, Inc., 1530 E. 12th, Oakland, Cal.

Champion Animal Food Co., Minneapolis, Minn.

Chappel Bros., Inc., Rockford, Ill. "Ken-L-Rations"

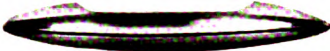


# Modern Chrome Plated CABINET HARDWARE

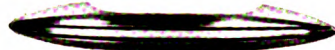
**MATCHED  
DESIGNS  
IN COLOR**



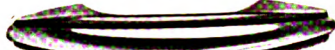
A-61200  
Retail Value \$.35 each; \$4.20 dozen



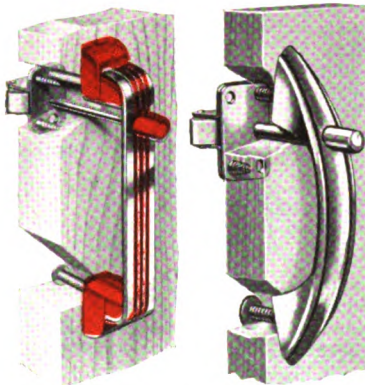
A-61201  
Retail Value \$.35 each; \$4.20 dozen



A-61202  
Retail Value \$.35 each; \$4.20 dozen



A-8213  
Retail Value \$.30 each; \$3.60 dozen

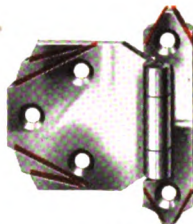


A-6303  
Retail Value \$.60 each; \$7.20 dozen

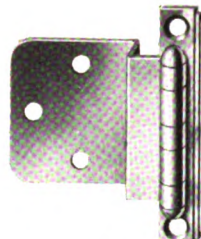
A-6307  
Retail Value \$.55 each; \$6.60 dozen

## THERE'S PROFIT FOR YOU IN THIS LINE

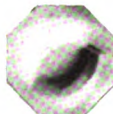
With the Rockford Line, you don't have to accept items and merchandise that you don't believe will suit your trade—Here is a line of cabinet hardware in which you have the privilege of making up your own deal, selecting the stock assortment of items and colors that will best meet your requirements. There's a very interesting trade proposition awaiting you. . . . Liberal trade discount and up-to-the-minute, new, modern merchandise makes the Rockford Line the real profit line.



A-58017BL  
Retail Value \$.35 pair; \$4.20 dozen pair



A-2364  
Retail Value \$.35 pair; \$4.20 dozen pair



A-F2123  
Retail Value \$.16 each; \$1.90 dozen



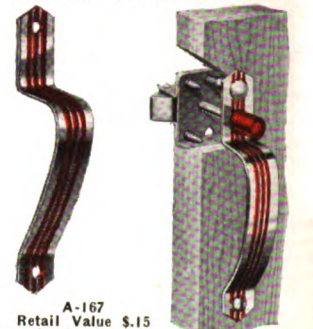
A-484  
Retail Value \$.18 each; \$2.15 dozen



A-8212  
Retail Value \$.35 each; \$4.20 dozen



A-158B  
Retail Value \$.15 each; \$1.80 dozen



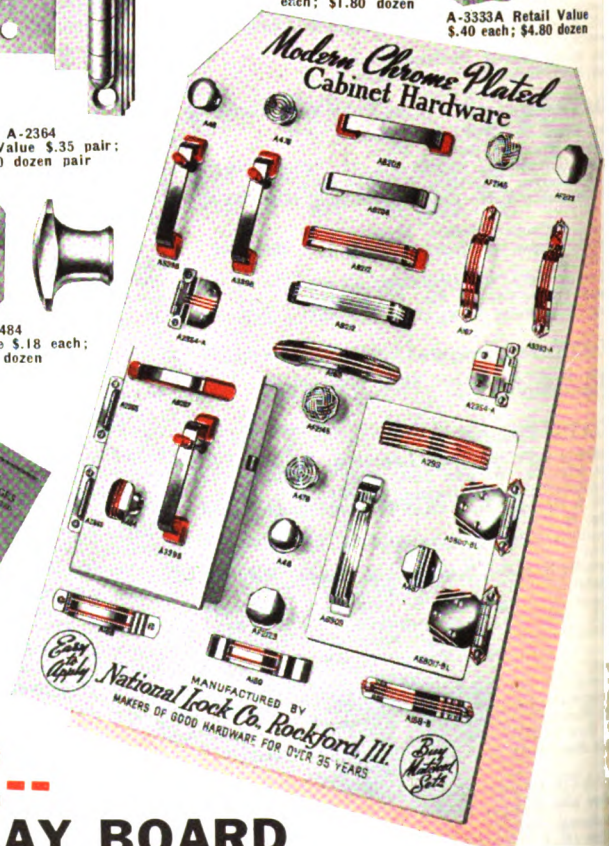
A-167  
Retail Value \$.15 each; \$1.80 dozen

A-333A Retail Value \$.40 each; \$4.80 dozen



## ALL ITEMS PACKED IN PRINTED ENVELOPES

All hardware is individually packed in printed envelopes showing illustration and description of each item. Our name does not appear on printed envelope. Polished parts are individually wrapped to protect the finish. Instruction sheets are furnished with Catches showing how to install them. Individual packing prevents loss of small parts and screws.



## FREE-- DISPLAY BOARD

Display Boards are furnished free—You pay only your cost price for the applied hardware. Put one of these boards on your counter and watch what happens. . . . Your customers will just naturally gravitate toward this attractive display. They can't resist the enchanting array of matched ensembles.

MANUFACTURED BY  
**National Lock Co., Rockford, Illinois**  
MAKERS OF GOOD HARDWARE FOR OVER A THIRD OF A CENTURY

Mention Hardware Age When Writing  
Digitized by Google



**FOOD, Dog (Continued)**

Gaines Food Co., Sherburne, N. Y.  
Kellogg Co., Battle Creek, Mich. "Gro-Pup"  
Kendall Food Supply Co., Fairfield, Conn. "KFS"  
Mighton (S. E.) Co., Warrensville, O. "No. 1"  
Morrell (John) & Co., Ottumwa, Ia. "Red Heart"  
Old Trusty Dog Food Co., Inc., Needham Heights, Mass.  
Ready Foods Co., Inc., 3800 W. 38th, Chicago, Ill.  
Spratt's Patent, Ltd., 14 Congress, Newark, N. J.  
Vitality Mills, Inc., 141 W. Jackson Blvd., Chicago, Ill.

**FOOD, Fish**

American Bird Products Co., Chicago, Ill.  
Burnett's, Inc., 217 Plane, Newark, N. J. "Burnett's"  
French (R. T.) Co., Rochester, N. Y. "French's"  
Spratt's Patent, Ltd., 14 Congress, Newark, N. J.  
Terrell (Clyde B.), Oshkosh, Wis.

**FOOD MILLS—See Mills, Food**

**FOOD MIXERS—See Mixers, Whippers and Extractors, Electric**

**FOOD, Plant**

Agricultural Laboratories, Inc., 3415 Milton Av., Columbus, O. "Stim-U-Plant"  
Armour Fertilizer Wks., Atlanta, Ga.  
Daring & Co., Chicago, Ill.  
Dorsett-Pfeil Co., Springfield, N. J. "Stim"  
Fertile Garden Products Co., Inc., 25 Wells, Bridgeport, Conn. "Ferro Pot"  
Flower City Plant Food Co., Inc., "Pittsford," N. Y.  
"Verdura," "Wondergo"  
Grasselli Chemicals Dept., Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Dugro," "Grasselli"  
Kem Plant Food Corp., 485 Madison Av., New York, N. Y.  
Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
Plantabbs Co., 1 W. Biddle, Baltimore, Md. "Fulton's Plantabbs"  
Pulverized Manure Co., 395 Union Stockyards, Chicago, Ill.  
Shur-Gro Co., 624 2nd Av., Pittsburgh, Pa. "Shur-Gro"  
Smith Agricultural Chemical Co., Columbus, O.  
Swift & Co. Fertilizer Wks., Chicago, Ill. "Vigoro"  
Tennessee Corp., 61 E'way, New York, N. Y. "Loma"  
Virginia-Carolina Chemical Corp., Richmond, Va.

**FOOD STRAINERS—See Strainers, Food**

**FOOTBALL BLADDERS—See Bladders, Football, Bz**

**FOOTBALL HELMETS—See Helmets, Football**

**FOOTBALL INFLATORS—See Inflators, Football**

**FOOTBALL LACES—See Laces, Football, Etc.**

**FOOTBALL PUMPS—See Pumps, Football, Etc.**

**FOOTBALL SHOES—See Shoes, Football**

**FOOTBALL SHOULDER PADS—See Pads, Shoulder, Football**

**FOOTBALL SUITS—See Uniforms, Football**

**FOOTBALL UNIFORMS—See Uniforms, Football**

**FOOTBALLS—See Balls, Foot**

**FOOT BOLTS—See Bolts, Door and Window**

**FOOT POWER GRINDERS—See Grinders, Foot and Hand Power**

**FOOT POWER SCROLL SAWS—See Machines, Saw, Scroll, Foot and Hand Power**

**FOOT-RACERS, Children's—See Scooters**

**FOOT RESTS—See Rests, Foot**

**FOOT SCRAPERS—See Scrapers, Foot**

**FOOT TUBS—See Tubs, Foot**

**FOOT VALVES—See Valves, Foot**

**FOOT WARMERS—See Warmers, Foot**

**FORCE CUPS—See Cups, Force**

**FORCE HOUSE PUMPS—See Pumps, House, Force**

**FORCE PUMPS—See Pumps, Force**

**FORCEPS, Pig**

Decker Mfg. Co., Keokuk, Ia.  
Fabel Mfg. Co., Hawkeye, Ia. "Champion," "Never-fail," "So E-Z," "20th Century," "Wonder"  
Forest Fire Fighting Tools—See Tools, Forest Fire, Fighting

**FORGED NAILS—See Nails, Forged**

**FORGED NUTS—See Nuts, Forged**

**FORGED STEEL AXES—See Axes, Single and Double Ed. Forged Steel**

**FORGED STEEL HAMMERS—See Articles Desired, Under Hammers**

**FORGED STEEL HATCHETS—See Hatchets, Forged Steel**

**FORCES, Portable**

American Gas Furnace Co., Elizabeth, N. J.  
Aubrey Co., 138 West Av., Long Island City, N.Y.  
Anthony Nebelzky  
Buffalo Forge Co., Buffalo, N. Y.  
Otto Mfg. Co., Chicago Heights, Ill.  
"Western Chief"  
Champion Blower & Forge Co., Lancaster, Pa. "Imperial," "400," "Lancaster," "Midway"  
Flex Shaft Co., Chicago, Ill.

Furness Bros. Co., 3819 West End Av., Chicago, Ill. "Cunningham"  
Lancaster Iron Wks., Lancaster, Pa.  
Mahar Mfg. Co., Minneapolis, Minn.  
Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Western"  
**FORK HANDLES—See Handles, Hickory**  
**FORK TRAYS—See Trays, Knife and Fork**

**FORKS, Alfalfa and Hay**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Geyer Mfg. Co., Rock Falls, Ill.  
Miller Mfg. Co., Hicksville, O. "Buckhorn," "Tested Tools"  
Starline, Inc., Harvard, Ill.  
Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Union"

**FORKS, Baling Press**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Union Fork & Hoe Co., Columbus, O. "Union"  
**FORKS, BALLAST—See Forks, Stone**  
**FORKS, CAMP FIRE—See Forks, Toasting**  
**FORKS, CLOVER—See Forks, Alfalfa and Hay**

**FORKS, Coal and Coke**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Union Fork & Hoe Co., Columbus, O. "Union"

**FORKS, Crochet**

Justright Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"

**FORKS, Culinary, Kitchen, Etc.**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
Chatillon (John) & Sons, 85 Cliff, New York, N.Y.  
Clyde Cutlery Co., Clyde, O.  
Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"  
Damasco Steel Products Corp., Rockford, Ill. "Dasco"  
Foley Mfg. Co., 11 Main, N.E., Minneapolis, Minn. "Foley"  
Goodell Co., Antrim, N. H.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Handy Things Mfg. Co., Ludington, Mich. "Duplex"  
Katsinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge" (Carbon & Stainless)  
Plymouth Stamped Metal Co., Gallon, O.  
P.M.C. Mfg. Corp., Phoenix, N. Y.  
Remington Arms Co., Inc., Bridgeport, Conn. "Kleanblade"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Sta-Brite Products Corp., New Haven, Conn.  
U. S. Mfg. Corp., Decatur, Ill.  
Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "No-Chip"  
Voss Co., Inc., New Haven, Conn.  
Wallace Bros., Wallingford, Conn. "W. B. W."  
Washburn Company, Worcester, Mass.  
Williamson (C. T.) Wire Novelty Co., 58 Badger Av., Newark, N. J.

**FORKS, DIGGING—See Forks, Spading**

**FORKS, Ensilage**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Union Fork & Hoe Co., Columbus, O. "Union"

**FORKS, Flesh**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
Heas (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
Michigan Wire Goods Co., Niles, Mich. "Reddick"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Racine Iron & Wire Wks., Racine, Wis.  
U. S. Mfg. Corp., Decatur, Ill.  
Wallace Bros., Wallingford, Conn. "W. B. W."

**FORKS, Garden**

Akron-Selle Co., Akron, O. "Tasco"  
American Fork & Hoe Co., Cleveland, O. "True Temper"

Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Animal Trap Co. of America, Lititz, Pa. "Trump"  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Ennis Mfg. Co., Reading, Pa.  
Field (Alfred) & Co., Inc., 98 Chambers, New York, N. Y. (British)  
Miller Mfg. Co., Hicksville, O. "Buckhorn," "Tested Tools"  
Sargent & Co., New Haven, Conn.  
Southington Hdw. Co., Southington, Conn. "Sohaco"  
Stanley Works, New Britain, Conn.  
Union Fork & Hoe Co., Columbus, O. "Union"  
United States Lock & Hdw. Co., Columbia, Pa.  
Village Blacksmith Folks, Watertown, Wis.

**FORKS, Grapple—See Forks, Hay, Grapple, Harpoon, Etc.**

**FORKS, Hay, Grapple, Harpoon, Etc.**

Advance Car Mover Co., Appleton, Wis. "Eagle"  
Farrell (John) & Son, Newton, N. J.  
Goshen Mfg. Co., Goshen, Ind.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Louden Mch. Co., Fairfield, Ia. "Balance-Grapple," "Iron Claw," "Harris," "Wellis," "Bocker-Bar"  
Milwaukee Hay Tool Co., Milwaukee, Wis.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Giant Automatic Grapple," "Jackson," "Lock-lever," "Nellis," "Perfect Automatic Grapple"  
Ney Mfg. Co., Canton, O. "Alfalfa," "Jackson," "Lock-Lever," "Nellis," "Standard Monarch"  
Rochester Barn Equipment Co., Rochester, N. Y.  
Starline, Inc., Harvard, Ill.  
Forks, Harpoon—See Forks, Hay, Grapple, Etc.

**FORKS, Header**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Geyer Mfg. Co., Rock Falls, Ill.  
Miller Mfg. Co., Hicksville, O. "Buckhorn," "Tested Tools"  
Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Union"

**FORKS, Kitchen—See Forks, Culinary, Kitchen, Etc.**

**FORKS, Kitchen, Wire**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Brown, John, Clark, 525 Lexington Av., New York, N. Y. "Duz-All"  
Clyde Cutlery Co., Clyde, O.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Michigan Wire Goods Co., Niles, Mich. "Reddick," "Wilson Ejector"  
Racine Iron & Wire Wks., Racine, Wis.  
U. S. Mfg. Corp., Decatur, Ill.  
Washburn Company, Worcester, Mass. "Sno-Cap"  
**FORKS and KNIVES, TABLE—See Knives and Forks, Table**

**FORKS, Manure**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Geyer Mfg. Co., Rock Falls, Ill.  
Miller Mfg. Co., Hicksville, O. "Buckhorn," "Tested Tools"  
Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Union"

**FORKS, Pitch—See article desired, under Forks**

**FORKS, Spading**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Geyer Mfg. Co., Rock Falls, Ill.  
Miller Mfg. Co., Hicksville, O. "Buckhorn," "Tested Tools"  
Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Speedy," "Union"

**FORKS, Stone or Ballast**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Union Fork & Hoe Co., Columbus, O. "Union"

**FORKS, Stone Picker**

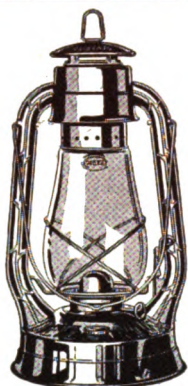
American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Union Fork & Hoe Co., Columbus, O. "Union"  
**FORKS, Tinned—See Ware, Table, Tinned**

**FORKS, Toasting**

Michigan Wire Goods Co., Niles, Mich. "Reddick"  
U. S. Mfg. Corp., Decatur, Ill.  
Washburn Company, Worcester, Mass.



# DIETZ



**DIETZ "No. 2 BLIZZARD" STREAMLINE LANTERN**

The quality standard for large, high globe cold blast lanterns. Height: 14 1/4". Light: 10 C. Power.

Wick: 1". Burns 45 Hours. Globe: "Fitzall Loc-Nob."



**DIETZ "8 DAY" LANTERN**

Produces a low, steady flame and consumes oil very slowly. Ownership identification can be pressed into bell top rim. Height: 9 1/2" (bail down). Finish: Red Enamel. Wick: 5/8". Burns 200 Hours. Globe: "Little Wizard."



**DIETZ "LITTLE GIANT" STREAMLINE LANTERN**

Similar to "Little Wizard" but has much larger oil fount. Burns over weekend without attention. Height: 11 1/2". Light: 6 C. Power. Wick: 5/8". Burns 70 Hours. Globe: "Little Wizard Loc-Nob."



**DIETZ No. 30 "BEACON" WALL LANTERN**

Highly popular for decorative and utility purposes. An attractive "emergency" lantern. Reflecting hood in white enamel. Gives strong, widely diffused light. Height: 15 1/4". Finish: Green Enamel. Wick: 1". Burns 35 Hours. Globe: "Fitzall."



**DIETZ NO. 2 "D-LITE" STREAMLINE LANTERN**

The world's most favored lantern. The finest tubular lantern made. Cold Blast. Balanced Draft gives high lighting power. Cold rolled steel construction, coated with Grade "A" Charcoal pure tin. Wide opening for easy cleaning. Pivoted bail.

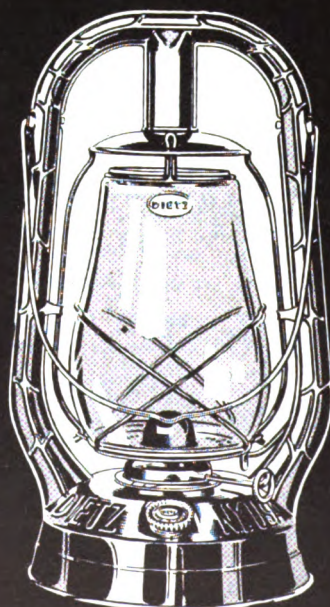
HEIGHT . . . . . 13 1/4 in.  
LIGHT . . . . . 10 C. Power.  
WICK 1 in. Burns 45 hours.  
GLOBE "D-Lite Loc-Nob".



**DIETZ "LITTLE WIZARD" STREAMLINE LANTERN**

The finest little Short Globe Balanced Draft Lantern—the little lantern with the BIG light and low rate kerosene consumption. Sturdy frame of cold rolled steel, coated with Grade "A" Charcoal pure tin. Broad non-tip base, strong beaded tubes, braced globe lift, improved pivot bail. Winglock Burner.

HEIGHT . . . . . 11 1/2 in.  
LIGHT . . . . . 6 C. Power.  
WICK 5/8 in. Burns 30 hours.  
GLOBE "Little Wizard Loc-Nob".



**DIETZ "MONARCH" STREAMLINE LANTERN**

The most popular Hot Blast Lantern. Gives the maximum of light obtainable from this type lantern. Cold rolled steel construction, coated with Grade "A" Charcoal pure tin. Broad non-tip base, level globe lift, improved pivot bail.

HEIGHT . . . . . 13 1/2 in.  
LIGHT . . . . . 4 C. Power.  
WICK 3/8 in. Burns 30 hours.  
GLOBE "Fitzall Loc-Nob".

**ALWAYS KEEP A STOCK OF  
DIETZ LANTERNS FOR EVERY  
NEED AND EMERGENCY**

**100TH ANNIVERSARY**

**R.E. DIETZ COMPANY**

**1840**

**NEW YORK**

**1940**

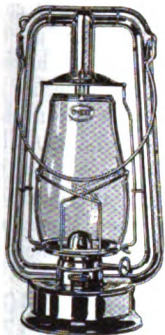
**MAKERS OF LANTERNS FOR THE WORLD**  
Output Distributed Through the Jobbing Trade Exclusively. We Do Not Sell Chain Stores, Catalog Houses, or Syndicate Buyers.

Mention Hardware Age When Writing

Digitized by Google



# LANTERNS



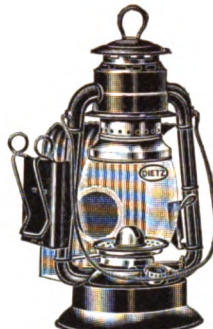
**DIETZ "HY-LO" LANTERN**

Hot blast contractor's lantern. Simple construction, direct globe lift, hinged burner. Height: 13½". Light: 4 C. Power. Wick: 5/8". Burns 30 Hours. Globe: "Fitzall Loc-Nob."



**DIETZ "BUCKEYE" DASH LANTERN**

Useful for many purposes on vehicles. Hot Blast. Bright reflector and bull's-eye lens. Can be clamped on or hung. Recommend for camps or cottages. Height: 13¼". Light: 10 C. Power. Wick: 5/8". Burns 30 Hours. Globe: "Fitzall."



**DIETZ "ROADSTER" WAGON LANTERN**

Smallest of wagon lanterns, but bright burning and large oil capacity. Ruby lens for rear warning. Height: 11½". Light: 10C. Power. Wick: 5/8". Burns 30 Hours. Globe: "Little Wizard."



**DIETZ "UNDERWRITER'S" MILL LANTERN**

Universally approved as the finest Hot Blast Mill Lantern made. Indorsed by Insurance Inspection Dept., hinged wire guards around globe. Can be padlocked. Height: 13¾". Light: 4 C. Power. Wick: 5/8". Burns 24 Hours. Globe: "Fitzall."



**DIETZ "PIONEER" STREET LANTERN**

Standard of U. S. Government. Indispensable today in many locations. Can be set to extinguish its light at a given time. Green finish. Height: 25½". Post Socket opening 2 7/8". Wick: 1½". Burns 24 Hours. Globe: Dietz "Pioneer."



**DIETZ "VOLUNTEER" FIRE EXTINGUISHER**

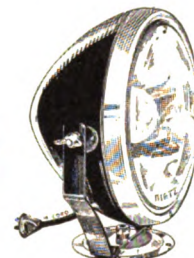
Smothers any kind of fire at its inception—even electrical fires. Causes no stain or injury to fabrics or person. Projects 20 feet. Fluid will not corrode or freeze. Holds pint. Smaller size than Approved types.



**DIETZ GLOBES and Parts**

Keep on hand a stock of extra GLOBES, WICKS, and BURNERS. Nine globes fit over 30 types of Dietz Lanterns; "Fitzall", alone, fits 11 types.

Dietz also manufacture a series of HIGHWAY FLARE TORCHES and PORTABLE TORCHES.



**DIETZ "ECONOMY" ELECTRIC FLOOD LIGHT**

It daylight the night—for every purpose. Big demand for gardens, driveways; parking lots; barnyards; flood lighting developments, road stands, signs; invaluable for contractors, auto repairs, etc. Weatherproof; durable. Portable stands or brackets available.

## WHY USERS PREFER DIETZ LANTERNS

Users know from one generation to another that they can expect complete satisfaction. They have faith in the name "DIETZ" and for this company's 100 years' experience and reputation. Users know a DIETZ never fails and are convinced that they are getting the best and want no substitutes. They are satisfied that the price paid represents good value, finest materials and workmanship, strong parts, fine finish. They expect and receive a fully guaranteed lantern that will give abundant light, dependable in all kinds

of weather—in short, a lantern designed to the minute with modern features and ruggedly built for long and practical use.

## WHY DEALERS PREFER TO SELL DIETZ LANTERNS

100 years' experience in producing quality lanterns guaranteed of best materials and workmanship. Absence of complaints. Other lanterns have come and gone, but always customers accept Dietz Lanterns without question as being good value and giving the best light obtainable. Dealers know that Dietz Lanterns are sold only through legitimate jobbers, have eye appeal and are always designed-to-the-times.



# The Sensational Flex-Seal COOKER



**PREPARES FOOD**  
In 1/5 the usual time  
Uses only 1/10 the fuel

HERE IS the most amazing cooking utensil ever placed on the market. As easy to use as an ordinary top-of-the-stove saucepan, Flex-Seal cooks all foods in a fraction of the time usually required, and soon pays for itself with the fuel savings it makes possible. Flex-Seal is the pioneer in this field. It is the only cooker of its type that can be opened and closed in a flash with one hand. Though sturdily built of the finest materials, tested for strength and durability, the Flex-Seal is light in weight and therefore a pleasure for the housewife to handle.

Flex-Seal cooks peas in 1/2 minute, beans in 1 minute, cabbage 2 minutes, asparagus 1/2 minute, rice 5 minutes, roast chicken 12 minutes, pork chops 8 minutes—to give a few examples. Other vegetables, meats, soups, cereals, dried fruits, etc., are cooked with the same lightning-like speed.

When vegetables are cooked in a Flex-Seal they retain their natural garden coloring; when served on the table they are beautiful in appearance, with flavor and aroma greatly enhanced. Toughest meats, cooked the Flex-Seal way, become "butter-tender" in from 35 to 40 minutes, so tender you can cut them with a fork. Natural juices, kept intact because of the Flex-Seal system, perform a "self-basting" function that makes Flex-Seal-cooked meats more appetizing; the flavor is delicious regardless of the "cut" of meat.

Because the Flex-Seal system is the safe, waterless way to cook, excluding air during the cooking process, vitamins are not destroyed through oxidation nor are the soluble vitamins thrown away with the "cooking water" as is the case in ordinary cooking. Instead, maximum amounts of these valuable elements and mineral salts remain in the food, to provide the body-building nutriment that promote growth and good health.



**FLEX-SEAL COOKERS  
of ALCOA METAL**

A highly corrosion-resistant magnesium aluminum alloy, with stainless steel cover, are made in four sizes, of highest grade materials and workmanship throughout. All handles are of black molded Bakelite; and metal trim is of either stainless steel or finished in chromium.

Each carries a one-year manufacturer's guarantee: each is constructed to give a limitless amount of service and satisfaction.

1-Qt. Size..... \$ 6.95 3-Qt. Size..... \$10.95  
2-Qt. Size..... 8.95 4-Qt. Size..... 12.95

Packed in individual cartons, including wire rack, instruction card and recipe book.



**FLEX-SEAL  
STAINLESS  
STEEL  
COOKERS...**

of finest quality materials and workmanship throughout, are

made in two sizes. All handles are of black molded Bakelite; and metal trim is of either stainless steel or finished in chromium. Because of famous "Sorb-heet" bottom (a special Flex-Seal development) annoyance of "hot spotting" is completely eliminated. No sticking of food particles; cooker polishes to a brilliant glow in a few moments. Guaranteed by manufacturer for one year.

2-Qt. \$11.95 4-Qt. \$15.95

Packed in individual cartons, including wire rack, instruction card and recipe book.

All Prices F.O.B. Chicago

## THE FLEX-SEAL TIMER

Set at 30 seconds or up to 30 minutes—the bell calls cheerily when cooking time is up.

Price \$2.95



**VISCHER PRODUCTS CO.**

413 Orleans St.  
CHICAGO

**Tough Meats Tender  
35 Minutes**

**Delicious Asparagus  
1/2 Minute**

**Marvelous Cauliflower  
1 1/2 Minutes**

**AT LAST—Vegetables  
Cooked with Color  
and Flavor  
UNIMPAIRED**

**Peas—Garden Green  
1/2 Minute**

**Dry, Fluffy Rice  
5 Minutes**

**Perfect Cereal  
2 Minutes**

**Mealy Potatoes  
8 Minutes**



Mention Hardware Age When Writing

Digitized by Google



## FORKS, Vegetable, Scoop

(See also Scoops, Vegetable)

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
Michigan Wire Goods Co., Niles, Mich. "Androck," "Champion," "Sholder"  
Union Fork & Hoe Co., Columbus, O. "Union"

## FORKS, Weeding

Kingsbury Mfg. Co., Keene, N. H.  
Mason & Parker Mfg. Co., Winchendon, Mass.  
Metal Products Corp., 510 First Av., West Haven, Conn. "Par-Plus"  
Michigan Wire Goods Co., Niles, Mich. "Androck"  
Stanley Wks., New Britain, Conn.  
Union Fork & Hoe Co., Columbus, O. "Speedy"

## FOUNDRYMEN'S TOOLS—See Tools, Molders'

## FOUNDRY NAILS—See Nails, Foundry

## FOUNDRY RIDDLES—See Riddles, Foundry

## FOUNTAINS, Drinking, Sanitary

Century Brass Works, Inc., Belleville, Ill. "Drink-King"  
Fiske (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
Hodges-Walsh-Weidner Co., Chattanooga, Tenn.  
Humphreys Bros. Co., Mansfield, O.  
McClain Bros., Clark Bldg., Canton, O. "Kooldrink"  
Manufacturing Equipment & Engineering Co., Framingham, Mass.  
Murdoch Mfg. & Supply Co., 426 Plum, Cincinnati, O. "Hercules," "Murdoch," "Murmado," "Sandow"  
Trenton Brass Machine Co., Trenton, N. J. "Trenjer"  
Waterman-Waterbury Co., Minneapolis, Minn.

## FOUNTAINS, Garden—See Fountains, Lawn and Garden

## FOUNTAINS, Lawn and Garden

Arterete Products Co., Upper Darby, Pa. "Arterete"  
Fiske (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.

## FOUNTAINS, Poultry

Advance Mfg. Co., Tipton, Ind.  
Anderson Mfg. Co., Des Moines, Ia. "Tip Top"  
Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nu-Way"  
Bernard (Philip) Co., Sioux City, Ia.  
Boyer Mfg. Co., Thornton, Ind.  
Brower Mfg. Co., Quincy, Ill.  
Coke-To-Nature Co., Colfax, Ia.  
Collins, W. H., 27 Greene, New York, N. Y.  
Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
Des Moines Incubator Co., Des Moines, Ia. "Successful"  
Drees (Con. F.) Mfg. Co., Covington, O.  
Drew Line Co., Fort Atkinson, Wis.  
General Metalware Co., Minneapolis, Minn. "Martinsware"  
Jeller-Allen Co., Napoleon, O.  
Jeff Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
Judson (H. D.) Mfg. Co., Chicago, Ill.  
Ames Mfg. Co., Fort Atkinson, Wis. "Jamesway"  
Klein Mfg. Co., Burlington, Ia. "K-Line"  
Lemaster, Howard, Forest Glen, Md. "Lemaster Bubbler"  
Logan Pottery Co., Logan, O.  
Macomb Steel Products Co., Macomb, Ill. "Macomb"  
Mitt-Schal Stamping Mfg. Co., Quincy, Ill. "Blue Bird"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
National Ideal Co., 914 Summit, Toledo, O. "National Ideal," "Premier," "White-Line"  
National Mfg. & Stamping Co., Des Moines, Ia. "Red Star"  
New Delphos Mfg. Co., Delphos, O.  
McCurdy Mfg. Co., Ada, O.  
North Dakota Metal Culvert Co., Fargo, N. D.  
Parker Mfg. Co., Inc., Tipton, Ind.  
Pittsburgh Pottery Co., York, Pa.  
Pittsburgh Pottery Co., Pittsburgh, Kan.  
Pittsburgh Wire & Iron Wks., Boone, Ia. "Daisy"  
Reliable Incubator & Brooder Co., Quincy, Ill.  
Royal Mfg. Co., Bowling Green, O. "Royal"  
St. Paul Corrugating Co., St. Paul, Minn. "Pruden"  
Heer (H. M.) Co., Quincy, Ill.  
Implex Brooder Stove Co., Grand Rapids, Mich. "Perfection"  
Superior Mfg. Co., 1725 Rockingham Rd., Davenport, Ia.  
Tarline, Inc., Harvard, Ill.  
Thieman Harvester Co., Inc., Albert City, Ia. (Automatic)  
Thomas-Armstrong Co., London, O. "Buckeye"  
United States Stamping Co., Moundville, W. Va. "U. S."  
Veber-Kirch Mfg. Co., Keokuk, Ia. "W-K"  
Western Stoneware Co., Monmouth, Ill.

## FOUNTAINS, Soda—See Supplies, Kitchen. Hotel. Etc.

## FOUNTAINS, Stock

Butler Mfg. Co., Kansas City, Mo.  
Celina Mfg. Co., Celina, O.  
Kelley Iron Wks., Sterling, Ill.  
Lakes Mfg. Co., Inc., Tipton, Ind. "Acorn," "Clarke," "Reliable"

Olson Mfg. Co., Albert Lea, Minn.  
Stover Mfg. & Engine Co., Freeport, Ill.  
Sweet (A. L.) Iron Works, Medina, N. Y.  
Thieman Harvester Co., Inc., Albert City, Ia. "Bull Dog," "Little Sioux," "Little Sioux Lamp," "New Hot Nipple"  
FOWL SEWING NEEDLES & PINS—See Needles & Pins, Fowl, Sewing  
FOX DRAGS—See Drags, Fox and Wolf  
FOX AND FUR FARM NETTING—See Netting, Wire Poultry, Etc.  
FOX RANCH FEEDERS—See Feeders, Fox Ranch  
FRAME CLAMPS—See Clamps, Frame  
FRAME CORNERS, Screen—See Corners, Screen Frame

## FRAMES, Coping Saw

Ackerman, Steffan & Co., 4532 Palmer, Chicago, Ill. "Trojan"  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"  
Dikeman Mfg. Co., Norwalk, Conn.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Forsberg Mfg. Co., Bridgeport, Conn. "Whale," "Viking"  
Griffin (G. W.) Co., Franklin, N. H.  
Hardware Specialties Mfg. Co., Stratford, Conn. "Amphion"  
Millers Falls Co., Greenfield, Mass.  
Moore Bros. Saw, File & Tool Corp., Jamestown, N. Y.  
Parker Metal Goods Co., Worcester, Mass.  
Parker Wire Goods Co., Worcester, Mass.  
Rulets Co., Inc., 22 Warren, New York, N. Y.  
United Wire Goods Mfg. Co., 1150 B'way, New York, N. Y. "Uni Tool"  
Utility Hardware Corp., 315 Berry, Bklyn., N. Y. "Utility"

## FRAMES, Hack Saw

Albany Hdw. Specialty Mfg. Co., Albany, Wis.  
Atkins (E. C.) & Co., Indianapolis, Ind. "AAA," "Indiana"  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Klose Kut"  
Clemson Bros., Inc., Middletown, N. Y. "Star"  
Crescent Tool Co., Jamestown, N. Y. "Crescent"  
Dikeman Mfg. Co., Norwalk, Conn.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Fleming (J. P.), Inc., Worcester, Mass. "Flemco"  
Forsberg Mfg. Co., Bridgeport, Conn. "Whale," "Viking," "Tom Thumb"  
Great Neck Saw Mfrs., Inc., Great Neck, L. I. "Monarch"  
Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
K. D. Mfg. Co., Lancaster, Pa.  
Mechanics Tool & Wrench Co., Greenfield, Mass.  
Millers Falls Co., Greenfield, Mass.  
Parker Wire Goods Co., Worcester, Mass. "Handy"  
Penn Tool Co., 713 N. Broad, Phila., Pa.  
Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. (Imported)  
Schartow Iron Products Co., Racine, Wis. "Sipco"  
Schroeder Bros. Mfg. Co., Torrington, Conn.  
Smith (Landon P.), Inc., Irvington, N. J. "4-Way"  
Starrett (L. S.) Co., Athol, Mass.  
Thompson (Henry G.) & Son Co., New Haven, Conn. "Milford Midget," "No. 3," "No. 5"  
Ultra Mfg. Co., 226 E. 144th, New York, N. Y. "Allway"  
Union Hdw. Co., Torrington, Conn. "Union"  
Union Tool Co., Orange, Mass.  
Utility Hardware Corp., 315 Berry, Bklyn., N. Y. "Utility"  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Unitool"

## FRAMES, Picture

Everedy Co., Frederick, Md. "Evercraft"

## FRAMES, Saw, Steel Bow

Atkins (E. C.) & Co., Indianapolis, Ind.  
Bushman Saw Div. General Steel Warehouse Co., Inc., 1830 N. Kostner Av., Chicago, Ill. "Bushman" (Swedish)  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Sandvik" (Swedish)

## FRAMES, Sign, Street

Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

## FRAMES, Turning Saw

Atkins (E. C.) & Co., Indianapolis, Ind.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Millers Falls Co., Greenfield, Mass.

## FRAMES, Window Screen, Knock-Down

Continental Screen Co., Detroit, Mich. "Owosso," "Philadelphia," "Porter," "Wabash"  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
National Screen Co., Inc., Suffolk, Va.  
Ry-Lock Co., Ltd., San Leandro, Cal.

## FRAMES, Wood Saw

Bradley (David) Mfg. Wks., Bradley, Ill.  
Buch Mfg. Co., Elizabethtown, Pa.

Cardwell Machine Co., Richmond, Va.  
Freeman Mfg. Co., Racine, Wis.  
Galloway Co., Inc., Waterloo, Ia.  
Nelson Bros. Co., Saginaw, Mich. "Jumbo"  
New Holland Machine Co., New Holland, Pa. "New Holland"  
Stover Mfg. & Engine Co., Freeport, Ill.  
Thieman Harvester Co., Inc., Albert City, Ia.  
FRAMING SQUARES—See Squares, Framing  
FRANKFURTER ROASTERS—See Roasters, Frankfurter & Hamburger  
FRANKLIN STOVES—See Stoves, Franklin

## FREEZERS, Ice Cream

Acme Can Co., Phila., Pa.  
Alaska Freezer Co., Inc., Winchendon, Mass.  
"Alaska," "Auto-Vacuum," "Homestead," "Homestead Jr.," "Iceberg," "Klondike," "North Star," "Peerless," "Triple-Vac"  
Conoco Engineering Wks., Mendota, Ill. "Frigidette," "Husky," "Igloo," "Penguin," "Zephyr"  
New Standard Corp., Mount Joy, Pa. "Dandy," "New Standard," "Pilgrim," "Sonny Boy"  
Peerless Freezer Co., Winchendon, Mass. "Acorn," "Fresco," "Peerless," "Yukon," "Zero"  
Richmond Cedar Works, Richmond, Va. "Double Quick," "Frost King," "Snow Ball"  
Taylor Bros. Churn & Mfg. Co., St. Louis, Mo. "Jersey"  
White Mountain Freezer Co., Inc., Nashua, N. H. "White Mountain," "Arctic," "Mt. Washington," "Junior"

## FREEZERS, Ice Cream, Electric

Alaska Freezer Co., Inc., Winchendon, Mass. "Homestead," "Household"  
Chicago, Electric Mfg. Co., Chicago, Ill. "Handy-freeze"  
Conoco Engineering Wks., Mendota, Ill. "Dolly Madison," "Frigidette"  
Hamilton Beach Co., Racine, Wis.  
Hoe Corp., Poughkeepsie, N. Y. "Merryway"  
Louisville Electric Mfg. Co., Louisville, Ky. "Pioneer"  
New Standard Corp., Mt. Joy, Pa.  
Taylor Bros. Churn & Mfg. Co., St. Louis, Mo.  
White Mountain Freezer Co., Inc., Nashua, N. H.

## FREEZERS, Ice Cream, Power

Chase Fdry. & Mfg. Co., Columbus, O.  
Peerless Freezer Co., Winchendon, Mass.  
White Mountain Freezer Co., Inc., Nashua, N. H. "Big Chieft"

## FREIGHT ELEVATORS—See Elevators, Freight

## FRENCH FRYERS—See Fryers, Basket

## FRET SAW FRAMES—See Frames, Coping Saw

## FRET SAWS—See Saws, Scroll

## FRICITION HINGES—See Hinges, Friction

## FRICITION TAPE—See Tape, Rubber and Friction

## FRICITION TOYS

Turner (John C.) Corp., Wapakoneta, O. "Turner"  
FRISKET CEMENT—See Cement, Frisket  
FROG SPEARS—See Spears, Fish and Frog  
FROGS, Preserved—See Balts, Fish, Preserved

## FRONTS, Store

Columbus Wire & Iron Wks. Co., Columbus, O.  
Conroy-Prugh Glass Co., Pittsburgh, Pa.  
Corning Mfg. Co., Corning, N. Y.  
Coulson (J. W.) & Co., Columbus, O.  
Detroit Show Case Co., Detroit, Mich. "Desco"  
Hires Turner Glass Co., Phila., Pa.  
Kawneer Co., Niles, Mich.  
Logan Co., Louisville, Ky.  
Ohio Plate Glass Co., Toledo, O.  
Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa. "Pittco"  
Price-Evans Foundry Corp., Chattanooga, Tenn.  
Zouli Co., Niles, Mich.  
FRUIT BASKETS—See Baskets, Fruit  
FRUIT CORES—See Corers, Fruit  
FRUIT JAR CAPS—See Caps, Fruit Jar  
FRUIT JAR RINGS—See Rubbers, Fruit Jar  
FRUIT JAR RUBBERS—See Rubbers, Fruit Jar  
FRUIT JAR WRENCHES—See Wrenches, Fruit Jar  
FRUIT JARS—See Jars, Fruit  
FRUIT JUICE EXTRACTORS—See Extractors, Fruit Juice  
FRUIT KNIVES—See Knives, Fruit  
FRUIT PARERS—See Parers, Fruit  
FRUIT PICKERS—See Pickers, Fruit, Etc.  
FRUIT PICKERS' LADDERS—See Ladders, Fruit Pickers  
FRUIT PICKING BAGS—See Bags, Fruit Picking  
FRUIT PICKING BASKETS—See Baskets, Fruit Picking  
FRUIT PRESSES—See Presses, Fruit  
FRUIT SLICERS—See Slicers, Fruit  
FRUIT STRAINERS—See Strainers, Fruit & Vegetable  
FRUIT WASHERS—See Washers, Fruit and Vegetable



# THE WOOSTER

## "Point of Sale" Merchandising Displays

### Help Dealers to a Quick, Profitable Turnover

## How Wooster Can **UP** Your Brush Profits

### 1 CONDENSED LINE

You can have the advantage of Wooster's extensive study on Brush movement. Only 26 items make up the world's best known brush set-up for Dealers.

### 2 ATTRACTIVE DISPLAYS

Scientifically designed wall, counter and table-top displays will bring your entire Wooster Brush stock straight to the "Point of Sale".

### 3 BIGGER SALES

Sales jump. Every item your customer might want is arranged so that the selection is easy, many times suggesting the purchase of two brushes where only one was anticipated before.

A

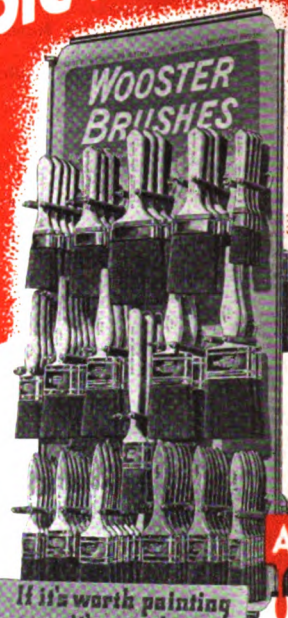
Sampler #40 — A complete brush store is found in this Wooster swinging Wall Sampler. Attaches to vertical shelving or wall. Comes in attractively colored, chromium trim.

B

Sampler #30 — A colorful brush display for either counter or table. Holds 15 of the most frequently requested Wooster Brushes.

C

Sampler #20 — One of the seven Variety Venders featuring a selected assortment of the fastest selling Wooster Brushes.



### THE NEW WOOSTER BRUSH BAR

Five feet of Wooster Brushes displayed at eye level and right at the "Point of Sale". The lighting feature makes your brush department No. 1 in attraction-appearance. Helps to sell other merchandise arranged underneath and around brush display.

Your Wooster Distributor's Salesman will be glad to explain The Wooster "Point of Sale" Merchandising plan. Ask him about it or write to Wooster Brush Company, Wooster, Ohio.

**WOOSTER** FOSS-SET **BRUSHES**  
THE WOOSTER BRUSH CO. • WOOSTER, OHIO





**FRYERS, Basket**

(See also Baskets, Wire)

Aluminum Products Co., La Grange, Ill. "Lifetime"  
 Everedy Co., Frederick, Md. "Speedy-Clean"  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 Hodges (Wm.) Co., Phila., Pa.  
 Hall & Carpenter, Phila., Pa. "Crown"  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
 Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
 Stainless Steel Products Co., La Grange, Ill. "Lifetime" (Stainless Steel)  
 Washburn Company, Worcester, Mass.  
 West Bend Aluminum Co., West Bend, Wis. (Electric)  
 Wilson Mfg. Co., Niles, O.

**FRYING BASKET WIRECLOTH**—See Cloth, Wire, Frying Basket

**FRYING PANS**—See Pans, Frying

**FUEL COMBUSTION BLOWERS**—See Blowers, Fuel Combustion

**FUEL LIFTS**—See Lifts, Fuel

**FUEL OIL BURNING CIRCULATING HEATERS**—See Heaters, Circulating and Radiant, Fuel Oil Burning

**FUEL OIL BURNING RADIANT HEATERS**—See Heaters, Circulating and Radiant, Fuel Oil Burning

**FUEL OIL BURNING WATER HEATERS**—See Heaters, Water, Fuel Oil Burning

**FUEL SAVING**—See Savers, Fuel

**FUEL TABLETS**—See Tablets, Fuel

**FULLER BALLS**—See Balls, Fuller

**FUNGICIDES**

(See also Insecticides)

American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, New York, N. Y. "Cyanogas"  
 Antiseptic Products Co., Denver, Col.  
 Bonide Chemical Co., Inc., Utica, N. Y. "Greentox"  
 California Spray-Chemical Corp., 150 Bayway, Elizabeth, N. J. "Coposil," "Flotax"  
 Carbolic Chemical Co., Natural Bridge, N. Y.  
 Chipman Chemical Co., Inc., Bound Brook, N. J.  
 De Bois (H. A.) & Sons, Cobden, Ill.  
 General Chemical Co., 40 Rector, New York, N. Y. "Orchard Brand"  
 Grasselli Chemicals Dept., Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Flora-guard," "Grasselli," "Kleenum," "Sulfuron," "Volek"  
 Hammond Paint & Chemical Co., Beacon, N. Y. "Do-All Green Dust," "Grape & Rose Dust," "Hammond's," "Horicum," "Pest-Kit," "Slug Shot," "Triad"  
 Jeco (John) & Co., Phila., Pa.  
 Lee Zite Div., Ridge Tool Co., Elyria, O. "Lut Zite"  
 McClain Bros., Clark Bldg., Canton, O.  
 Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
 McNeill Bros. Chemicals Div. General Chemical Co., Camden, N. J. "Sulrote"  
 National Sulphur Co., Inc., 420 Lexington, Av., New York, N. Y. "Crown," "Magnetic Spray"  
 Niagara Sprayer & Chemical Co., Middleport, N. Y.  
 Pittsburgh Plate Glass Co., Corona Chemical Div., Milwaukee, Wis.  
 Pratt (B. G.) Co., 50 Church, New York, N. Y. "Carbolime," "Scalecide," "Sulfocide"  
 Baker & Hase Co., Inc., 222 W. Washington Sq., Phila., Pa. "Cuprocide"  
 Shaw Mfg. Co., 37th & Filbert, Phila., Pa. "Tri-Ox"  
 Swinburn-Williams Co., Cleveland, O.  
 Ward Chemical Works, Inc., Reading, Pa. "Pan-Ton"

**FUNNELS, Grocers**—See Funnels, Household, Grocers, Etc.

**FUNNELS, Household, Grocers, Etc.**

Also Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. (Indurated Fibre)

American Specialty Co., Manitowoc, Wis.

American Aluminum Ware Co., 374 Jelliff Av., New York, N. Y. "Peerless"

Berns (H.) Mfg. Co., Winona, Minn.

Brainerd Aluminum Corp., New Washington, O.

Brainerd (R. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn.

Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.

Geuder, Paeschke & Frey Co., Milwaukee, Wis.

Illinois Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

Johnson Spring Co., Molded Plastics Div., Jackson, Mich. "Bonnyware"

Lawrence Can Co., Rochester, N. Y.

Lawry, Inc., 491 Ferry, Newark, N. J.

Lawson Can Co., Everett, Mass.

United States Glass Co., Pittsburgh, Pa.

United States Glass Co., Moundville, W. Va.

United States Glass Co., Sidney, O.

United States Spinning Wks., Chicago, Ill.

**FUNNELS and MEASURES, Metal**

Also Co., Buffalo, N. Y.

Also Co., New Kensington, Pa.

Also Co., Manitowoc, Wis.

Also Co., Rochester, N. Y.

Also Co., 5100 Santa Fe Av., Los Angeles, Calif.

Also Co., 5100 Santa Fe Av., Los Angeles, Calif.

Also Co., 5100 Santa Fe Av., Los Angeles, Calif.

Also Co., 5100 Santa Fe Av., Los Angeles, Calif.

Also Co., 5100 Santa Fe Av., Los Angeles, Calif.

Also Co., 5100 Santa Fe Av., Los Angeles, Calif.

Also Co., 5100 Santa Fe Av., Los Angeles, Calif.

Also Co., 5100 Santa Fe Av., Los Angeles, Calif.

Also Co., 5100 Santa Fe Av., Los Angeles, Calif.

Cincinnati Ball Crank Co., Cincinnati, O. "Brookins"

Dover Stamping & Mfg. Co., Cambridge, Mass.

"Flexto," "Kompact," "Saval"

Edelmann (E.) & Co., Chicago, Ill. "Swing Spout"

Entorp Filter Co., Amboy, Ill.

Geuder, Paeschke & Frey Co., Milwaukee, Wis.

"Cream City"

Graves-Pierce Mfg. Co., Friendship, N. Y.

Hogelin (F. L.) Mfg. Co., Waukegan, Wis. "Noepil"

Huffman Mfg. Co., Dayton, O.

Kirk & Blum Mfg. Co., Cincinnati, O.

Lafayette Metal Spinning Co., 248 Lafayette, New York, N. Y.

Lawson (F. H.) Co., Cleveland, O. "Lawco"

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

New Delphos Mfg. Co., Delphos, O.

Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.

Rochester Can Co., Rochester, N. Y. "Iron Horse"

Savory, Inc., 591 Ferry, Newark, N. J.

Schlusser Mfg. Co., St. Louis, Mo. "De Luxe"

Schuyler (W. S.) Mfg. Co., Springfield, O. (Filtering)

Sexton Can Co., Everett, Mass.

Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"

United States Stamping Co., Moundville, W. Va.

Weaver Mfg. Co., Springfield, Ill.

Western Metal Spinning Wks., Chicago, Ill.

**FUR FARM SUNSKREEN**—See Sunskreen, Fur Farm

**FURNACE AIR MOISTENERS**—See Humidifiers, Furnace

**FURNACE ASH RECEIVERS**—See Receivers, Ash, Furnace

**FURNACE AUTOMATIC FANS**—See Fans, Furnace, Automatic

**FURNACE CEMENT**—See Cement, Furnace

**FURNACE CHAINS**—See Chains, Furnace

**FURNACE CLOCKS**—See Clocks, Furnace

**FURNACE DAMPERS**—See Dampers, Furnace

**FURNACE FITTINGS**—See Pipe and Fittings, Furnace

**FURNACE HUMIDIFIERS**—See Humidifiers, Furnace

**FURNACE PIPE**—See Pipe and Fittings, Furnace

**FURNACE PIPE ELBOWS**—See Elbows, Stove Pipe and Furnace Pipe

**FURNACE POKERS**—See Pokers, Furnace

**FURNACE REGULATORS**—See Regulators, Furnace

**FURNACE REPAIRS**—See Repairs, Furnace

**FURNACE SCOOPS**—See Scoops, Furnace

**FURNACE STOKERS**—See Stokers, Home Furnace

**FURNACES, Brazing**—See Furnaces, Gasoline and Kerosene

**FURNACES, Electricians**—See Furnaces, Gasoline and Kerosene

**FURNACES, Floor**

Andes Range & Furnace Co., Geneva, N. Y.

Coleman Lamp & Stove Co., Wichita, Kansas.

"Coleman" (Natural & Artificial Gas)

Des Moines Steel Furnace Co., Des Moines, Ia. (Gas)

Enterprise Furnace & Mfg. Co., Belleville, Ill.

Estate Stove Co., Hamilton, O. (Gas)

Gem City Stove Co., Dayton, O.

Henry Furnace & Foundry Co., 3471 E. 49th, Cleveland, O.

Marshall Furnace Co., Marshall, Mich.

Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill. "Vernols" (Gas)

Ohio Dry. & Mfg. Co., Steubenville, O.

Rudy Furnace Co., Dowagiac, Mich.

Samuel Stamping & Enameling Co., Chattanooga, Tenn. "Samco Hot Spot" (Gas)

Security Mfg. Co., 1630 Oakland, Kansas City, Mo. "Security" (Gas)

Waterman-Waterbury Co., 1121 Jackson, N. E., Minneapolis, Minn.

**FURNACES and TORCHES, Gas, Gasoline and Kerosene**

Aeroil Burner Co., Inc., Park Av., West New York, New Jersey. "Aeroil"

Anthony Co., 138 West Av., Long Island City, N.Y. "Anthony Nebulyte"

Berns (Otto) Co., Inc., Rochester, N. Y. "Always Reliable"

Clayton & Lambert Mfg. Co., Detroit, Mich. "Protection"

Detroit Torch & Mfg. Co., Detroit, Mich.

Diener (Geo. W.) Mfg. Co., Chicago, Ill. "Torrid"

Hauck Mfg. Co., 126 18th, B'klyn, N. Y.

Hempy-Cooper Mfg. Co., Kansas City, Mo.

Homer Furnace Co., Coldwater, Mich.

Hones (Charles A.), Inc., Baldwin, Long Island, N. Y. "Buzzer"

Insto-Gas Corp., 1900 E. Jefferson Av., Detroit, Mich. "Insto-Gas"

Kemp (C. M.) Mfg. Co., Baltimore, Md. "Chimax"

Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"

Lenk Mfg. Co., Newton Lower Falls, Mass. "Lenk"

Otto (Wm. H.) Metal Goods Corp., 401 St. Paul Av., Jersey City, N. J. "Khotal"

Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

Pennsylvania Furnace & Iron Co., Warren, Pa.

Quadriga Mfg. Co., 325 Peoria, Chicago, Ill. "Walters"

Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Radius" (Swedish)

Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City" (Charcoal)

Turner Brass Wks., Sycamore, Ill. "Hotblast"

Unique Mfg. Co., Inc., Chicago, Ill.

Vaughan Machinery Co., Cuyahoga Falls, O.

Wall (P.) Mfg. Supply Co., 3126-3166 Preble Av., Pittsburgh, Pa. "Dreadnaught"

Yost Mfg. Co., Meadville, Pa. (Furnace, Gas, Soldering)

Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City" (Charcoal)

Turner Brass Wks., Sycamore, Ill. "Hotblast"

Unique Mfg. Co., Inc., Chicago, Ill.

Vaughan Machinery Co., Cuyahoga Falls, O.

Wall (P.) Mfg. Supply Co., 3126-3166 Preble Av., Pittsburgh, Pa. "Dreadnaught"

Yost Mfg. Co., Meadville, Pa. (Furnace, Gas, Soldering)

**FURNACES, Hot Air**—See Furnaces, Warm Air

**FURNACES, Kerosene**—See Furnaces and Torches, Gas, Gasoline and Kerosene

**FURNACE LININGS**—See Linings, Plastic, Stove & Furnace

**FURNACES, Milling**—See Furnaces and Torches, Gas, Gasoline and Kerosene

**FURNACES, Oil Burning**

Allen Mfg. Co., Nashville, Tenn. "Twin-Eight"

Duo-Therm Div. Motor Wheel Corp., Lansing, Mich. "Duo-Therm"

Evans Products Co., Evanston, Ill. Greenfield and Fullerton, Detroit, Mich. "Evanovill"

Florence Stove Co., Gardner, Mass. "Florence"

General Electric Co., 5 Lawrence, Bloomfield, N. J. "G E"

May Oil Burner Corp., Maryland Av., Baltimore, Md. "Quiet-May"

Norge Heating & Conditioning Div. Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Norge"

Perfection Stove Co., 7699 Platt Av., Cleveland, O. "Superflex" (Air Conditioning)

Quaker Mfg. Co., 221 W. Erie, Chicago, Ill. "Quaker Burnoil"

Round Oak Co., Dowagiac, Mich. "Oil Master"

Silent Sioux Oil Burner Corp., Orange City, Ia. (Air Conditioning)

**FURNACES, Parlor**—See Heaters, Circulating, Coal or Wood

**FURNACES, Pipeless**

American Furnace Co., St. Louis, Mo. "Thermo"

Andes Range & Furnace Corp., Geneva, N. Y. "Andes," "Summit"

Armstrong Furnace Co., Columbus, O. (Boiler Plate)

Brillion Furnace Co., Brillion, Wis.

Campbell Heating Co., Des Moines, Ia.

Cole's Hot Blast Mfg. Co., Chicago, Ill. "Cole's Hot Blast"

Cribben & Sexton Co., Chicago, Ill. "Universal"

East Penn Foundry Co., Macungie, Pa.

Excelsior Steel Furnace Co., Chicago, Ill.

Excelsior Stove & Mfg. Co., Quincy, Ill.

Fleck Bros. Co., Phila., Pa.

Fox Furnace Co., Elyria, O. "Sunbeam"

Hart Mfg. Co., Louisville, Ky.

Heckler Bros., Pittsburgh, Pa.

Hess Warming & Ventilating Co., Chicago, Ill.

Homer Furnace Co., Coldwater, Mich. "Eureka"

Hood Furnace & Supply Co., Corning, N. Y.

International Heater Co., Utica, N. Y.

Keeley Stove Co., Columbia, Pa. "Columbian"

Keystone Stove Foundry, Spring City, Pa.

Kruse & Dewenter Co., Indianapolis, Ind. "Mon-arch"

Marshall Furnace Co., Marshall, Mich. "Caloric," "Monitor"

Mt. Penn Stove Wks., Reading, Pa. "Pennwin"

Mueller (L. J.) Furnace Co., Milwaukee, Wis. "Convactor"

Ravenna Furnace & Heating Co., Ravenna, O.

Round Oak Co., Dowagiac, Mich.

Somerville Stove Wks., Somerville, N. J.

Taplin, Rice, Clerkin Co., Akron, O. "Climax"

Tatcher Co., 39 St. Francis, Newark, N. J. "Aces," "Radiant," "Warm Friend"

Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass.

**FURNACES, Plumbers**—See Furnaces and Torches, Gas, Gasoline and Kerosene

**FURNACES, Soldering**—See Furnaces and Torches, Gasoline and Kerosene

**FURNACES, Soldering, Tempering, Annealing, Case-Hardening, Metal Melting**

Aeroil Burner Co., Inc., Park Av., West New York, New Jersey. "Aeroil"

Insto-Gas Corp., 1900 E. Jefferson Av., Detroit, Mich. "Insto-Gas"

Rowell Mfg. Co., 717 N. Union, Appleton, Wis.

Stark Tool Co., Waltham, Mass. "Electroblast"

Turner Brass Wks., Sycamore, Ill. "Hotblast"

**FURNACES, Tanners**—See Furnaces, Gasoline and Kerosene

**FURNACES, Warm Air**

Agricola Furnace Co., Inc., Gadsden, Ala. "Agricola," "Moderne," "Moderne-Air," "Supreme"

Airtemp Div., Chrysler Corp., Dayton, O.

American Foundry & Furnace Co., Bloomington, Ill. "Lincoln"

American Furnace Co., St. Louis, Mo. "Afco," "Thermo"

American Furnace & Foundry Co., Milan, Mich.

Andes Range & Furnace Corp., Geneva, N. Y. "Andes," "Summit"

Arcweld Mfg. Co., Seattle, Wash.

Armstrong Furnace Co., Columbus, O.

Armstrong Stove & Mfg. Co., Perryville, Md.

Bayer (J. C.) Furnace Co., Portland, Ore.

Bovee Furnace Wks., Waterloo, Ia.

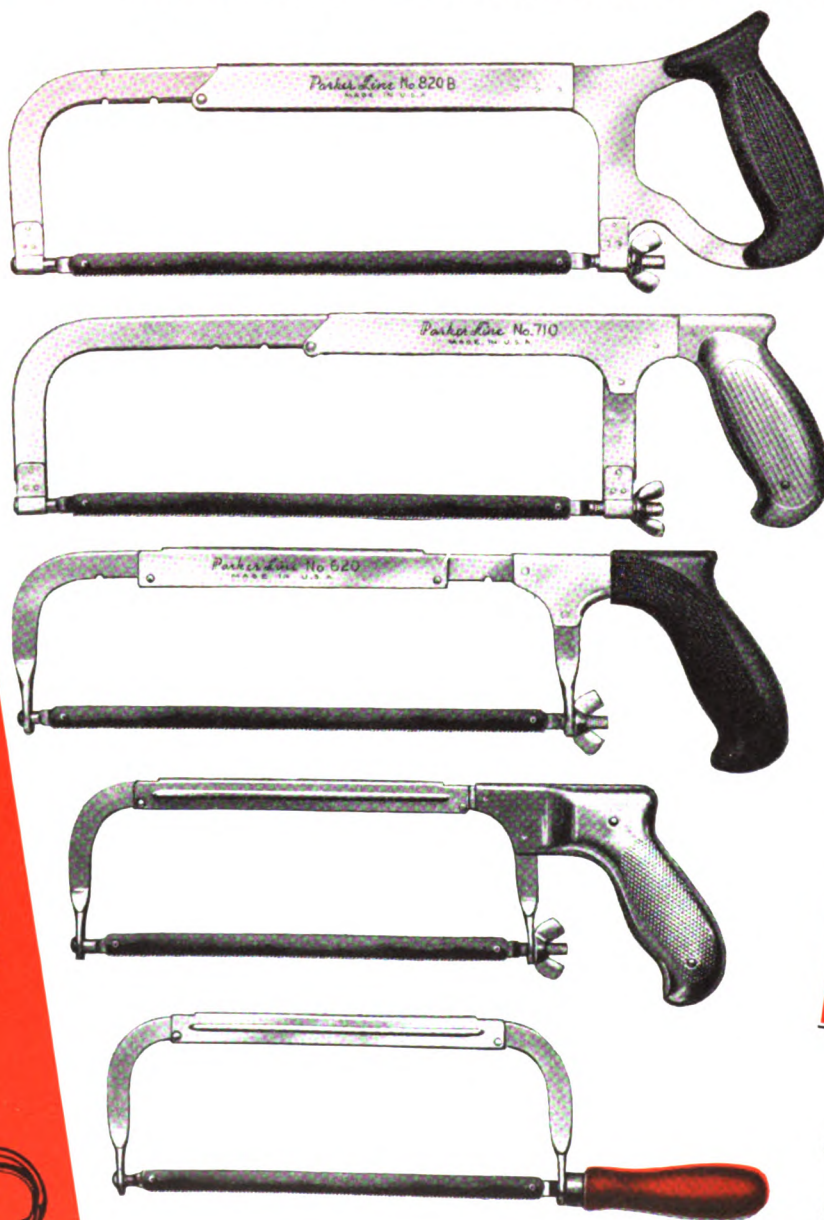
Brillion Furnace Co., Brillion, Wis.

Buffalo Co-operative Stove Co., Buffalo, N. Y. "Am-herst"

# PARKER

# *Does it Again!*

## A COMPLETE NEW LINE OF HACKSAW FRAMES



# Parker Wire Goods Co. Worcester, Mass., U.S.A.

SEND FOR OUR  
**COMPLETE  
CATALOG**  
JUST OFF THE PRESS



## FURNACES, Warm Air (Continued)

Burdett, Smith & Co., Troy, N. Y.  
 Caloric Gas Stove Wks., Trenton Av. and Tioga, Phila., Pa. "Caloric"  
 Campbell Heating Co., Des Moines, Ia.  
 Chicago Down Draft Furnace Co., Chicago, Ill.  
 Columbus Furnace Corp., Columbus, O.  
 Culler & Proctor Stove Co., Peoria, Ill.  
 Danville Stove & Mfg. Co., Danville, Pa. "Beaver"  
 Detroit-Michigan Stove Co., Detroit, Mich. "Garland," "Jewel," "Laurel"  
 Edwards Furnace Co., Wellsboro, Pa.  
 Edwards Mfg. Co., Cincinnati, O. "Hot-Kold"  
 Estate Stove Co., Hamilton, O. "Heatrola"  
 Excelsior Steel Furnace Co., Chicago, Ill.  
 Excelsior Stove & Mfg. Co., Quincy, Ill. "National"  
 Farquhar Furnace Co., Wilmington, O. (Automobile)  
 Farris Furnace Co., Springfield, Ill.  
 Floral City Heater Co., Monroe, Mich.  
 Floyd-Wells Co., Royersford, Pa. "Bengal," "Tiger"  
 Forest City Foundries Co., Cleveland, O. "Monarch," "Niagara"  
 Fox Furnace Co., Elyria, O. "Sunbeam"  
 Galusha Stove Co., Inc., Rochester, N. Y. "Norman Phoenix"  
 Gen City Stove Co., Dayton, O. "Clermont"  
 Gen City Stove Mfg. Co., Quincy, Ill.  
 German Stove Co., Erie, Pa.  
 Goldman-Kahler Corp., New Albany, Ind. "Pointer"  
 Green Foundry & Furnace Wks., Des Moines, Ia.  
 Hall-Neal Furnace Co., Indianapolis, Ind. "Victor"  
 Hart & Crouse Co., Utica, N. Y.  
 Heating System Corp., Joliet, Ill.  
 Henry Furnace & Foundry Co., Cleveland, O. "Monarch"  
 Hem-Snyder Co., Massillon, O. "Boomer"  
 Hew Warming & Ventilating Co., Chicago, Ill.  
 Holland Furnace Co., Holland, Mich.  
 Home Furnace Co., Holland, Mich.  
 Home Stove Co., Indianapolis, Ind. "Model"  
 Homer Furnace Co., Coldwater, Mich. "Eureka," "Grand," "Steel King"  
 Hood Furnace & Supply Co., Corning, N. Y. "Cheerful Home," "Cottage Home," "Leasnooke," "New Home," "Our Home"  
 Independence Stove & Furnace Co., Independence, Mo.  
 Ingersoll Steel & Disc Div. of Borg-Warner Corp., Kalamazoo, Mich. U. S.  
 International Heater Co., Utica, N. Y. "Baronet," "Carton," "Count," "Duke," "Earl," "Princess"  
 Kalamazoo Stove Co., Kalamazoo, Mich.  
 Kansas City Furnace Co., Kansas City, Mo. "Ideal King"  
 Ketch Stove Co., Columbia, Pa. "Columbian"  
 Keth Furnace Co., Des Moines, Ia.  
 Keweenaw Stove Foundry, Spring City, Pa.  
 Knox Furnace Co., Danville, Ill.  
 Knox Co., Indianapolis, Ind.  
 Lander Furnace Co., Marshalltown, Ia. "Equator," "Torch Zone"  
 Leonard & Baker Stove Co., Taunton, Mass.  
 Maffei (F. H.) Foundry & Furnace Wks., Bloomington, Ill.  
 Majestic Co., Huntington, Ind. "Majestic" (Heating Units)  
 Mennen (John E.) Co., Cleveland, O. "Manest"  
 Maple City Furnace Co., Monmouth, Ill. "Black Diamond"  
 March-Brownback Stove Co., Pottstown, Pa.  
 "Crown," "Junior Crown"  
 Marshall Furnace Co., Marshall, Mich. "Caloric," "Monarch"  
 May-Pfeiffer Furnace Co., Newark, O.  
 Mayhew Air Conditioners, Inc., St. Paul, Minn.  
 Meyer Furnace Co., Peoria, Ill. "SuperB," "Weir"  
 Milburn Furnace Co., Columbus, O.  
 Miller (Wm.) Range & Furnace Co., Cincinnati, O.  
 Moline Foundry & Stove Wks., San Francisco, Cal.  
 Mottel Furnace Co., Atlanta, Ga.  
 Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill.  
 Mueller (L. J.) Furnace Co., Milwaukee, Wis.  
 Munroe-McCairns Htg. & Foundry Co., Connelton, Pa.  
 New Holland Machine Co., New Holland, Pa.  
 "Cantago"  
 Noyes Heating & Conditioning Div. Borg-Warner Corp., 678 E. Woodbridge, Detroit, Mich. "Norge"  
 Oakland Foundry Co., Belleville, Ill. "Z-Ro"  
 Owen Stove Co., Belleville, Ill.  
 Patterson & Stirling, Erie, Pa.  
 Pennsylvania Furnace & Iron Co., Warren, Pa.  
 Philadelphia Stove & Iron Fdry. Co., Phila., Pa.  
 Phillips Heating, Ventilating & Mfg. Co., Los Angeles, Cal. "Browne"  
 Pittston Stove Co., Pittston, Pa. "Lphigh"  
 Portland Stove Foundry Co., Portland, Me.  
 Pottery Foundry & Stove Co., Pottsville, Pa.  
 "Dor"  
 Premier Furnace Co., Dowagiac, Mich. "De Luxe Premier," "Duo-Weld," "Standard"  
 Prime-Printer Stove Co., Reading, Pa.  
 Quakertown Stove Wks., Quakertown, Pa. "Beechwood"  
 Ransom Furnace & Heating Co., Ravenna, O.  
 Richardson & Boynton Co., 244 Madison Av., New York, N. Y. "Perfect"  
 Rock Island Stove Co., Rock Island, Ill. "Riverside"  
 Rock Stove Co., Dowagiac, Mich.  
 Rock Stove Co., Ashland, O. "Ryco"  
 Rock Stove Co., Crestline, O. "Buckeye King," "New Schill's Cozy," "Schill's New Steel"  
 Rock Stove Mfg. Co., 1630 Oakland, Kansas City, Mo.  
 "Isaac A." Co., Baltimore, Md. "Excel"  
 Rock-Ladle Co., Marshall, Mich. "Dobbins"

Somerville Stove Wks., Somerville, N. J. "Magic Service"  
 Spear (James) Stove & Heater Co., 1823 Market, Phila., Pa. "Spears"  
 Stamford Foundry Co., Stamford, Conn. "Comet"  
 Standard Fdry. & Furnace Co., DeKalb, Ill. "Challenge," "Hero," "Titan"  
 Stanton Heater Co., Martins Ferry, O.  
 Steiger & Kerr Stove & Foundry Co., San Francisco, Cal.  
 Sterling-Stewart Corp., Rochester, N. Y.  
 Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Louisville," "Monarch"  
 Taplin-Rice-Clerkin Co., Akron, O. "Climax"  
 Thatcher Co., 39 St. Francis, Newark, N. J. "Meteor," "New Meteor," "Slip Front"  
 Tubular Heating & Ventilating Co., Phila., Pa. "Forbes"  
 Union Mfg. Co., Inc., Boyertown, Pa. "Umco"  
 Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass. "Crawford"  
 Washington Stove Wks., Everett, Wash. "Olympic"  
 Waterman-Waterbury Co., Minneapolis, Minn.  
 Western Steel Products Co., Duluth, Minn.  
 White-Warner Co., Taunton, Mass.  
 Williamson Heater Co., Cincinnati, O. "Peck-Hammond"  
 Yost Furnace Co., Canton, O.

## FURNACES, Wood Burning

Sandvik Saw & Tool Co., 47 Warren, New York, N. Y. "Nor Hamar" (Swedish)  
 FURNITURE—See article desired

## FURNITURE, Beach, Lawn and Porch

Aird & Mallory, Greenbush, Mich.  
 Altoona Concrete Products Co., Altoona, Pa. (Stone)  
 American-Acme Co., Emigsville, Pa.  
 American Steel Furniture Co., 730 Sixth Av., New York, N. Y.  
 Appleton Toy & Furniture Co., Appleton, Wis.  
 Archbold Ladder Co., Archbold, O.  
 Artcrete Products Co., Upper Darby, Pa. "Artcrete"  
 Badger Wire & Iron Wks., Milwaukee, Wis.  
 Baillie Wickercraft, Somerville, Mass.  
 Blackstone Furniture Co., Inc., North Tonawanda, N. Y.  
 Buffalo Wire Wks., Buffalo, N. Y.  
 Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av. Cincinnati, O. (Iron and Wire)  
 Cleveland Welding Co., W. 117th & Berea Rd., Cleveland, O. "Restmaster"  
 Concord Woodworking Co., West Concord, Mass. "Minute-Man"  
 Crawford Furniture Mfg. Co., Inc., Shreveport, La.  
 Davis & Siehl Co., Cincinnati, O.  
 Durham Mfg. Co., Muncie, Ind.  
 Everwear Mfg. Co., Springfield, O.  
 Express Body Corp., Crystal Lake, Ill.  
 Fluke (J. W.) Iron Wks., 107 Park Pl., New York, N. Y.  
 Forbes Mfg. Co., Hopkinsville, Ky.  
 Gem Mfg. Corp., Bascom, O.  
 Gold Medal Folding Furniture Co., Racine, Wis.  
 Goshen Churn & Ladder Co., Goshen, Ind.  
 Goshen Mfg. Co., Goshen, Ind.  
 Graham Mfg. Co., Franklin, Ind.  
 Graham (Thos.) & Co., Inc., Madison, Ind.  
 Hampden Specialty Products, Inc., Easthampton, Mass.  
 Hettrick Mfg. Co., 1401 Summit, Toledo, O. (Umbrellas & Tables)  
 Heywood-Wakefield Co., Gardner, Mass.  
 Howell Co., St. Charles, Ill.  
 Huttig Sash & Door Co., St. Louis, Mo.  
 Indiana Desk Co., Dubois, Ind.  
 Indiana Hickory Furniture Co., Colfax, Ind.  
 Jasper Hickory Furn. Co., Jasper, Ind.  
 Lehman Co. of America, Cannelton, Ind.  
 Lloyd Mfg. Co., Menominee, Mich.  
 Logan Co., Louisville, Ky.  
 Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
 Lynch (W. D.) Co., Inc., Lancaster, Pa.  
 Mahoney Chair Co., Gardiner, Mass.  
 Mershon-Eddy-Parker Co., Saginaw, Mich.  
 Michigan Wire Goods Co., Niles, Mich. "Realax"  
 Modern Tube Products Co., McKees Rocks, Pa.  
 Nappanee Lumber & Mfg. Co., Nappanee, Ind.  
 Nichols & Stone, Gardner, Mass.  
 Norris, J. Frank, Rochester, N. Y. (Stone)  
 North Vernon Lumber Mills, No. Vernon, Ind.  
 Norwood, Calef & Co., Keene, N. H.  
 Old Hickory Furniture Co., Martinsville, Ind.  
 Pratt Corp., Coldwater, Mich.  
 Rastetter (Louis) & Sons, Fort Wayne, Ind.  
 Rustic Hickory Furniture Co., LaPorte, Ind.  
 Selden Mfg. Co., Palatka, Fla.  
 Sheboygan Chair Co., Sheboygan, Wis.  
 Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
 Snow (W. A.) Co., Inc., 58 State, Boston, Mass.  
 Sprague & Carleton, Inc., Keene, N. H.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O. (Iron and Wire)  
 Sniderman (I.) Co., Pittsboro, Pa.  
 Stark (James E.) Co., 25 Plum, Memphis, Tenn.  
 Sweet (A. L.) Iron Wks., Medina, N. Y.  
 Telescope Folding Furniture Co., Inc., Granville, N. Y.  
 Troy Sunshade Co., Troy, O.  
 Tucker Duck & Rubber Co., Fort Smith, Ark. "Peerless" (Rockers/Rocker)  
 Unadilla Silo Co., Unadilla, N. Y.  
 Wheeler Industries, Inc., 1637 Collamer Av., East Cleveland, O.  
 Woodenware Products Co., St. Louis, Mo.  
 Young (J. O.) Co., Springfield, Mass.  
 Ypsilanti Reed Furniture Co., Ionia, Mich.  
 Zerbe (L. J.) & Co., Bellefontaine, O.

FURNITURE BRACES—See Braces, Chair and Bed  
 FURNITURE CASTERS—See Casters, Bed and Furniture, also Casters, Siding  
 FURNITURE CEMENT—See Cement, Furniture

## FURNITURE, Children's

American-Acme Co., Emigsville, Pa.  
 Anchor Toy Corp., Coudersport, Pa.  
 Appleton Toy & Furniture Co., Appleton, Wis.  
 Buckstaff Co., Oshkosh, Wis.  
 Case (N. D.) Co., Athol, Mass.  
 Eastman Mfg. Co., Union City, Pa.  
 Garton Toy Co., Sheboygan, Wis.  
 Gem Crib & Cradle Co., Gardner, Mass.  
 Gem Mfg. Corp., Bascom, O.  
 Hamilton Mfg. Co., Two Rivers, Wis.  
 Heywood-Wakefield Co., Gardner, Mass.  
 Hoge Mfg. Co., Inc., 23 E. 21st, New York, N. Y.  
 Holmquist-Swanson Co., Chicago, Ill.  
 Kroehler Mfg. Co., Naperville, Ill. "Childhood"  
 Lehman Co. of America, Cannelton, Ind.  
 Lullabye Furn. Corp., Stevens Point, Wis.  
 Lynch (W. D.) Co., Inc., Lancaster, Pa.  
 Mansfield Novelty Co., Mansfield, Pa.  
 Mason & Parker Mfg. Co., Winchendon, Mass.  
 Paris Mfg. Co., South Paris, Me.  
 Readsboro Chair Co., Readsboro, Vt.  
 Rockport Furn. Co., Rockport, Ind.  
 Smith (S. A.) Mfg. Co., Brattleboro, Vt.  
 South Bend Toy Mfg. Co., South Bend, Ind.  
 South Tamworth Industries, Inc., South Tamworth, N. H.  
 Storkline Furn. Co., Chicago, Ill.  
 Tennessee Red Cedar & Novelty Co., Chattanooga, Tenn.  
 Tucker Duck & Rubber Co., Fort Smith, Ark.  
 Union Furn. & Novelty Co., Warren, Pa.  
 Whitney (F. A.) Carriage Co., Leominster, Mass.

## FURNITURE, Doll and Toy

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Cinderella"  
 American Colortype Co., Chicago, Ill. (Paper)  
 Anchor Toy Corp., Coudersport, Pa.  
 Case (N. D.) Co., Athol, Mass.  
 Dowst Mfg. Co., Chicago, Ill.  
 Lehman Co. of America, Cannelton, Ind.  
 Ohio Art Co., Bryan, O.  
 Payne, A. S., Inc., North Bennington, Vt.  
 Rustic Furn. Co., Williamstown, N. J.  
 Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.  
 Strombeck-Becker Mfg. Co., Moline, Ill.  
 Toy Furniture Shop, Providence, R. I.  
 Toy Tinkers, Inc., Evanston, Ill.  
 Tucker Duck & Rubber Co., Fort Smith, Ark.  
 FURNITURE GLIDES—See Glides, Furniture  
 FURNITURE KNOBS—See Knobs, Furniture  
 FURNITURE NAILS—See Nails, Upholsterers'

## FURNITURE, Novelty, Unpainted

Express Body Corp., Crystal Lake, Ill.  
 General Wood Products Co., 2400 S. 11th, Rockford, Ill. "Golden Rule"  
 Kuchins Furniture Mfg. Co., Grand Rapids, Mich.  
 Leavens (William) & Co., Inc., Boston, Mass.  
 North Vernon Lumber Mills, North Vernon, Ind.  
 Peerless Specialty Mfg. Co., Inc., Lowell, Mass.  
 FURNITURE OILS—See Polishes, Automobile, Furniture, Etc.

## FURNITURE PADS—See Pads, Furniture

FURNITURE POLISHES—See Polishes, Automobile, Furniture, Etc.

## FURNITURE POLISHING MITTENS—See Mittens, Polishing

## FURNITURE SHOES—See Slides, Furniture

## FURNITURE SLIDES—See Slides, Furniture

## FURNITURE SPRINGS—See Springs, Upholstering

## FURNITURE, Steel, Flat and Tubular

American Chrome Co., 525 W. 76th, Chicago, Ill.  
 American Steel Furniture Co., 730 Sixth Av., New York, N. Y.  
 Calumet Mfg. Corp., Hammond, Ind.  
 Chicago Table Co., 215 W. Evergreen Av., Chicago, Ill.  
 Comfort Bed Spring Co., 1735 Diversey Blvd., Chicago, Ill.  
 Daystrom Corp., Olean, N. Y.  
 Durham Mfg. Co., Muncie, Ind.  
 Empire Table Co., Inc., 2647 Arthington, Chicago, Ill.  
 Esmco Auto Products Corp., 33 34th, Bklyn., N. Y. "Meadowbrook"  
 Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
 Howell Co., St. Charles, Ill.  
 Ideal Metal Crafts, Inc., Ashland, O.  
 Interstate Metal Products Co., Inc., 4401 Ogden Av., Chicago, Ill.  
 Koch (Geo.) Sons, Inc., Evansville, Ind. "Suntone"  
 Lloyd Mfg. Co., Menominee, Mich.  
 Loyal Metal Products Corp., 95 Lorimer, Bklyn., N. Y.  
 McArthur (Warren) Corp., 1 Park Av., New York, N. Y.  
 Modern Tube Products Co., McKees Rocks, Pa.  
 Royal Metal Mfg. Co., 1188 S. Michigan Blvd., Chicago, Ill.  
 Troy Sunshade Co., Troy, O.  
 Zerbe (L. J.) & Co., Bellefontaine, O.  
 FURNITURE TIGHTENERS—See Tighteners, Furniture  
 FURNITURE TIPS, Felt—See Tips, Furniture, Felt  
 FURNITURE TRIMMINGS—See Cabinet Hardware  
 FUR STRETCHERS—See Stretchers, Fur



# RICH

## The Complete Ladder Line

All types—for every Domestic, Commercial and Industrial Job.

Satisfy every customer's ladder needs—sell RICH, the better quality—the better profit line!

RICH SAFE SPRUCE LADDERS are nationally recognized life savers. Patented features—finest quality.

Prompt deliveries from conveniently located warehouses. Order from your Jobber. Write for the RICH Catalog.

**THE RICH LADDER & MFG. CO.**

1008 Depot Street

Cincinnati, Ohio

### SALABLE HOUSEWARE SPECIALTIES



AUTO-KRAT



BUCKEYE



DUREX



MON-ARK



No. 1 STEP STOOL



WASH BOARD



KIDDIE GATE



PRINCESS Fold-A-Way

## LADDERS FOR EVERY PURSE AND PURPOSE

### STANDARD BUILT EXTENSION



IDEAL EXTENSION



RELIABLE EXTENSION

### CONTRACTORS and FRUIT PICKERS



CONTRACTOR SINGLE



FRUIT PICKERS' LADDERS CLOSED



OPEN

### STEP LADDERS



MILL WRIGHT



PAINTERS' PRIDE



DUREX



CINCINNATI TRUSS



WORK-SAFE

### EXTENSION TRESTLES



### GEM TWO POSITIONS

### HANDY TWO-IN-ONE LADDER



### TRUSS PLANKS



The front steps standard rod-rod non-slip. Back section fitted with 1 1/2" hickory dowels. Very sturdy and serviceable. Lengths 4 to 12 feet.

Mention Hardware Age When Writing

Digitized by Google



**FUSE, Blasting**

Atlas Powder Co., Wilmington, Del.  
 Blights Son & Co., Eagle River, Mich.  
 Coast Mfg. & Supply Co., Livermore, Cal.  
 Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Du Pont"  
 Ensign-Bickford Co., Simsbury, Conn. "Beaver Brand," "Charter Oak Brand," "Clover Brand," "Crescent Brand," "Gray Charter Oak Brand"  
 Equitable Powder Mfg. Co., East Alton, Ill.  
 National Fuse & Powder Co., Denver, Col.  
**FUSE CLIP CLAMPS**—See Clamps, Fuse Clip  
**FUSE CUTTERS**—See Cutters, Fuse

**FUSE, Detonating**

Ensign-Bickford Co., Simsbury, Conn. "Cordau-Bickford"

**FUSE LIGHTERS**—See Lighters, Fuse

**FUSES, Automobile**

Bussmann Mfg. Co., St. Louis, Mo.  
 Chase-Shawmut Co., Newburyport, Mass.  
 Commercial Enclosed Fuse Co., 1819 Willow Av., Hoboken, N. J.  
 G. & G. Specialty Mfg. Corp., 182 W. 22nd, New York, N. Y.  
 Killark Electric Mfg. Co., 3940 Easton Rd., St. Louis, Mo.  
 Kirkman Eng. Corp., 121 Sixth Av., New York, N. Y.  
 Littelfuse, Inc., 4757 Ravenswood Av., Chicago, Ill.  
 Sentry Electric Co., 339 Starks Bldg., Louisville, Ky. "Sentry"  
 Ware Bros., Div. Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill. "W-B"

**FUSES, Cartridge, Non-Renewable, Electric**

Bryant Electric Co., Bridgeport, Conn. "Perkins"  
 Bussmann Mfg. Co., St. Louis, Mo.  
 Chase-Shawmut Co., Newburyport, Mass.  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y.  
 Economy Fuse & Mfg. Co., Chicago, Ill.  
 Gem Electric Mfg. Co., Inc., 453 Broome, New York, N. Y. "Major"  
 General Electric Co., 1 River Rd., Schenectady, N. Y. "G-E"

Jefferson Electric Co., Bellwood, Ill.  
 Kirkman Eng. Corp., 121 Sixth Av., New York, N. Y.  
 Littelfuse, Inc., 4757 Ravenswood Av., Chicago, Ill.  
 Royal Electric Co., Inc., 91 Grand Av., Pawtucket, R. I.  
 Trico Fuse Mfg. Co., Milwaukee, Wis. "Kantark"  
 Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

**FUSES, Cartridge, Renewable, Electric**

Bryant Electric Co., Bridgeport, Conn.  
 Bussmann Mfg. Co., St. Louis, Mo.  
 Chase-Shawmut Co., Newburyport, Mass.  
 Colt's Patent Firearms Mfg. Co., Hartford, Conn. "Noark"  
 Economy Fuse & Mfg. Co., Greenview Av., Chicago, Ill.  
 General Electric Co., 1 River Rd., Schenectady, N. Y. "D & W"  
 Jefferson Electric Co., Bellwood, Ill. "Union"  
 Kirkman Engineering Corp., 121 Sixth Av., New York, N. Y.  
 Littelfuse, Inc., 4757 Ravenswood Av., Chicago, Ill.  
 Metropolitan Electric Mfg. Co., 38th & Potter Av., Long Island City, N. Y.  
 Pierce Renewable Fuses, Inc., Buffalo, N. Y.  
 Star Fuse Co., Inc., 234 Canal, New York, N. Y.  
 Trico Fuse Mfg. Co., Milwaukee, Wis. "Trico"  
 Volk Mfg. Co., Bantam, Conn.  
 Ware Bros., Div. Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill. "Ware Hi-Lag"  
 Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

**FUSES, Plug, Electric**

Bryant Elec. Co., Bridgeport, Conn. "Pyrotite"  
 Bussmann Mfg. Co., St. Louis, Mo. "Buss," "Fustat"  
 Chase-Shawmut Co., Newburyport, Mass. "Black Link"  
 Commercial Enclosed Fuse Co., 1819 Willow Av., Hoboken, N. J.  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y. "Jewel"  
 Eagle Electric Mfg. Co., 59 Hall, Bklyn., N. Y. "O K"  
 Economy Fuse & Mfg. Co., Chicago, Ill. "Clearsite"  
 Ever-Nu Fuse Co., 919 N. Latrobe Av., Chicago, Ill.  
 G. & G. Specialty Mfg. Corp., 182 W. 22nd, New York, N. Y.  
 Gem Electric Mfg. Co., Inc., 453 Broome, New York, N. Y. "Major," "Sentinel," "Supreme"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Jefferson Electric Co., Bellwood, Ill. "Gem"  
 Kirkman Eng. Corp., 121 Sixth Av., New York, N. Y. "K-E"  
 Knox Porcelain Corp., Knoxville, Tenn.  
 Littelfuse, Inc., 4757 Ravenswood Av., Chicago, Ill.  
 Metropolitan Electric Mfg. Co., 38th & Potter Av., Long Island City, N. Y.  
 National Electric Products Corp., Pittsburgh, Pa. "Non-Tamps"  
 Noma Electric Co., 55 W. 18th, New York, N. Y. "Life Guard Safety Hdle"

Pennsylvania Illuminating Corp., 315 Poplar, Scranton, Pa. "Guardian"  
 Royal Electric Co., Inc., 91 Grand Av., Pawtucket, R. I.  
 Sentry Electric Co., 339 Starks Bldg., Louisville, Ky. "Sentry"  
 Silver King Products Co., 201 N. Wells, Chicago, Ill. "6-in-1"  
 Star Fuse Co., Inc., 235 Canal, New York, N. Y.  
 Trico Fuse Mfg. Co., Milwaukee, Wis. "Colortop," "Trico-Matic"  
 Union Insulating Co., Parkersburg, W. Va.  
 U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Sho-Blo"  
 Weber Electric Co., Schenectady, N. Y.  
 Woddy Mfg. Co., 5639 N. Ashland Av., Chicago, Ill. "6-in-1"

**FUSES, Radio**

Jefferson Electric Co., Bellwood, Ill.  
 G. & G. Specialty Mfg. Corp., 182 W. 22nd, New York, N. Y.  
 Littelfuse, Inc., 4757 Ravenswood Av., Chicago, Ill.  
 Ware Bros., Div. Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill. "W-B"

**FUSIBLE LINKS**—See Links, Fusible

**GABLE DOOR HARDWARE**—See Hardware, Gable Door

**GAFFS, Fish Landing**

Bronson Reel Co., Bronson, Mich. "Genuine J. A. Cox"  
 Enterprise Mfg. Co., Dept. H.A., Akron, O. "Arrow," "Banner," "Holdfast," "Ideal"  
 Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble's"  
 Norlund (O. A.) Co., Williamsport, Pa. "Lion"  
 Richardson Rod & Reel Co., Chicago, Ill. "Good Luck"

**GAGE GLASS CUTTERS**—See Cutters, Glass, Gage

**GAGE GLASSES**—See Glasses, Gage

**GAGES, Bit, Auger**

Millers Falls Co., Greenfield, Mass.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.  
 Swan (Jas.) Co., Seymour, Conn.

**GAGES, Butt**

Millers Falls Co., Greenfield, Mass.  
 Stanley Tools Div. Stanley Works, New Britain, Conn.

**GAGES, Caliper**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Johnson (E. P.) Rule Mfg. Co., Chicago, Ill.  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Pratt & Whitney Co., Hartford, Conn.  
 Starrett (L. S.) Co., Athol, Mass.

**GAGES, Carpenters'**

Disston (Henry) & Sons, (Tacony), Phila., Pa.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.

**GAGES, Center**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.

**GAGES, Circumference**

Lufkin Rule Co., Saginaw, Mich.

**GAGES, Depth**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.

**GAGES, Draw Knife**

Swan (James) Co., Seymour, Conn.

**GAGES, Drill**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Federal Products Corp., Providence, R. I.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 Pratt & Whitney Co., Hartford, Conn.  
 Standard Tool Co., Cleveland, O.  
 Starrett (L. S.) Co., Athol, Mass.  
 Whitman & Barnes, Inc., Detroit, Mich.

**GAGES, Drill Grinding**

Lufkin Rule Co., Saginaw, Mich.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.

**GAGES, Drum, Oil**

Economic Steel Rack Co., Everett, Mass. "Red Head"  
 Marwin Mfg. Co., 537 Chapel, New Haven, Conn.  
 Mele Co., New Haven, Conn. "Mel"  
 Rochester Mfg. Co., Inc., Rochester, N. Y.

**GAGES, Height**

Lufkin Rule Co., Saginaw, Mich.

**GAGES, Hydraulic Pressure**

Schrader's (A.) Son, Div. of Scovill Mfg. Co., Inc., 470 Vanderbilt Av., B'klyn, N. Y.  
**GAGES, Jobbers' Drill**—See Gages, Drill

**GAGES, Jointer**

Millers Falls Co., Greenfield, Mass.  
 Stanley Rule & Level Plant, New Britain, Conn.

**GAGES, Micrometer**

Ames (B. C.) Co., Waltham, Mass.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Olsen (Tinius) Testing Mach. Co., Phila., Pa.  
 Reed Small Tool Wks., Worcester, Mass.  
 Slocumb (J. T.) Co., Providence, R. I.  
 Starrett (L. S.) Co., Athol, Mass.

**GAGES, Plug and Ring**

Greenfield Tap & Die Corp., Greenfield, Mass.  
 "G. T. D."  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.

**GAGES, Radius**

Lufkin Rule Co., Saginaw, Mich.

**GAGES, Saw**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Disston (Henry) & Sons, (Tacony), Phila., Pa.  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Sandvik" (Swedish)  
 Simonds Saw & Steel Co., Fitchburg, Mass.

**GAGES, Screw**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Greenfield Tap & Die Corp., Greenfield, Mass.  
 "G. T. D."  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Phoenix Hardware Mfg. Co., Buffalo, N. Y.  
 Pratt & Whitney Co., Hartford, Conn.  
 Rawlplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawlplug"  
 Sheffield Mach. & Tool Co., Dayton, O.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.

**GAGES, Sheet Metal and Wire**

(See also Gages, Micrometer)

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Disston (Henry) & Sons, (Tacony), Phila., Pa.  
 Federal Products Corp., Providence, R. I.  
 Pratt & Whitney Co., Hartford, Conn.  
 Slocumb (J. T.) Co., Providence, R. I.  
 Starrett (L. S.) Co., Athol, Mass.

**GAGES, Surface**

Brown & Sharpe Mfg. Co., Providence, R. I. "Universal"  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Starrett (L. S.) Co., Athol, Mass.

**GAGES, Telescoping**

Lufkin Rule Co., Saginaw, Mich.

**GAGES, Thickness**

Ames (B. C.) Co., Waltham, Mass. "Ames"  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Federal Products Corp., Providence, R. I.  
 Fleming (J. P.), Inc., Worcester, Mass. "Flemco"  
 Fleming Mfg. Co., Inc., Worcester, Mass.  
 Glogau & Co., 2000 Rand-McNally Bldg., Chicago, Ill.

Kastar Specialty Mfg. Co., Inc., 510 6th Av., New York, N. Y. "Akuret"  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Randall, Frank E., Waltham, Mass.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.

**GAGES, Thread**—See Gages, Screw

**GAGES, Tire Pressure**

Dill Mfg. Co., Cleveland, O.  
 Edselmann (E.) & Co., Chicago, Ill.  
 Schrader's (A.) Son, Div. of Scovill Mfg. Co., Inc., 470 Vanderbilt Av., B'klyn, N. Y.  
**GAGES, Twist Drill**—See Gages, Drill

**GAGES, Water**

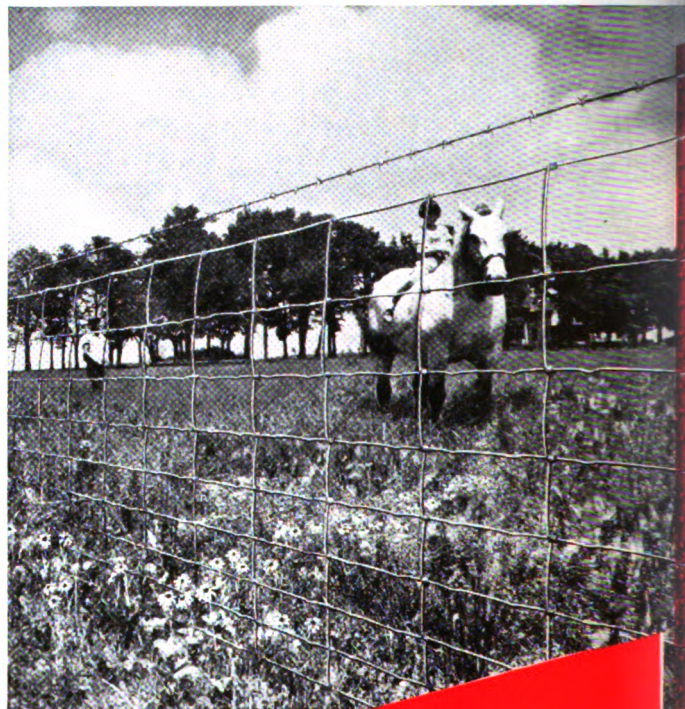
American Injector Co., Detroit, Mich.  
 Buckeye Iron & Brass Wks., Dayton, O.  
 Detroit Lubricator Co., Detroit, Mich.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"  
 Reliance Gauge Column Co., 5936 Carnegie Av., Cleveland, O.  
 Stulp, Fred J., Muskegon, Mich.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
**GAGES, Wire**—See Gages, Sheet Metal and Wire; also Gages, Drill



# SHOPPERS *Turn To buyers*

**WHEN YOU HANDLE THE BETHLEHEM LINE**

**Bright red and white labels  
say good bolts to customers**



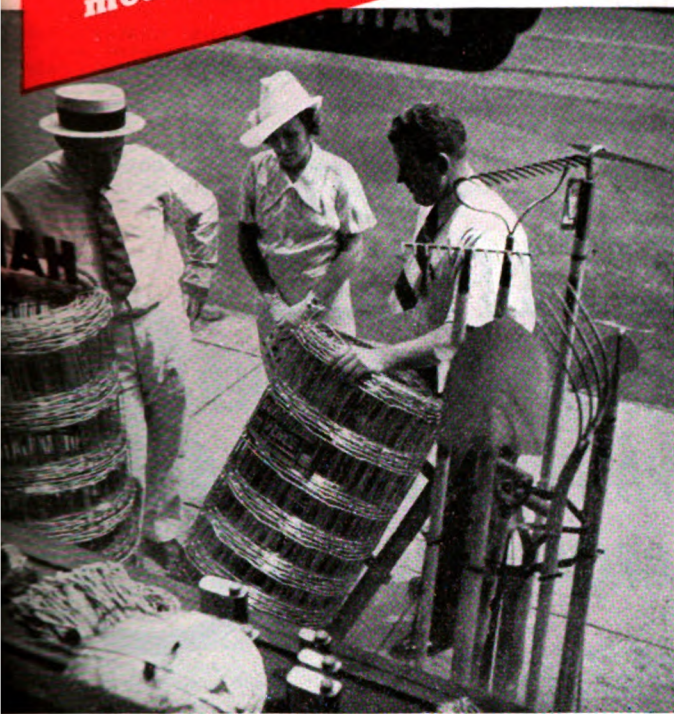
**Bethlehem Fence Posts  
fire-proof . . . rot-proof**

Customers remember Bethlehem Bolts and Nuts. The bright, colorful red and white labels attract attention, act as powerful, silent salesmen on the shelves. More important, customers remember the uniform high quality of these Bethlehem products, the clean, smooth-fitting threads and the snug, sure fit of wrenches on nuts and heads. Your distributor can supply you with this attractively packaged line. Stock it.

Bethlehem steel fence posts sell themselves to economy-minded farmers. They are fire-proof and rot-proof. They are easy to drive, a wooden mallet will do the trick. All posts are fitted with broad, heavy anchor plates that give extra bearing strength and help hold the posts erect. Stock the complete line. They'll help boost your sales of bethanized fence.



**Extra values in bethanized  
mean extra business to you**



**There's a Bethlehem Roofing  
for every customer's needs**

The extra values built into bethanized fence pack the solid sales appeal that turns casual shoppers into buyers and boosters. Study these four outstanding sales features that put you way out in front of competition when you stock bethanized fence:

**1. A special coating**—The bethanized coating is locked to the fence wire by electricity. It is tighter, purer, more uniform in thickness than any other type of fence coating on the market.

**2. Rust-fighting base wire**—All bethanized fence is woven of sturdy, full-gage wire containing not less than .20 per cent copper to give it extra rust-resistance.

**3. Strong flexible construction**—Stay wires in bethanized fence meet the line wires in powerful "hinge-joints." Cattle, hogs or horses can't ride down or weaken this strong, flexible barrier.

**4. Full tension curves**—Smooth, deep "tension curves" in the line wires permit bethanized fence to be stretched evenly and neatly over rough, bumpy ground. These curves contract or expand with changes in temperature, keep fence tight at all times.

When you carry the complete line of Bethlehem Galvanized Steel Roofing every building on the farm offers you a potential roofing profit. No matter how choosy your customer is about roofing design there's a Bethlehem sheet to meet his requirements exactly:

**Stormproof roofing.** This rain-tight, double-drain design permanently locks out the weather. Stormproof roofs are neat, attractive, appropriate on any farm building.

**Roll roofing.** Bethlehem roll roofing is smooth-seaming, protected against weather by a tight, durable zinc coating. It's easy to apply, looks well wherever used.

**Corrugated roofing.** Bethlehem corrugated roofing is furnished in all standard lengths with 1¼-in. or 2½-in. corrugations.

**V-crimp roofing.** Bethlehem furnishes 2-V, 3-V and 5-V galvanized steel roofing in all standard lengths. Sheets are brightly-spangled, full-gage steel, well-suited to almost any installation.

## **A complete line of nails, staples and ties**

*Bethlehem nails and staples are neatly packaged, made to drive straight and true. Bethlehem Silver Star Bale Ties are soft and easy to put on. You've got a dependable "live" line when you put Bethlehem wire products in your store.*



**BETHLEHEM STEEL COMPANY**

Digitized by Google



# GARDEN SPECIAL!

*Popular way to  
supply your trade*

**WITH VITAMIN B<sub>1</sub> FOR BETTER PLANT GROWTH**

**Why  
Vita-Flor  
IS A "BEST SELLER"**



#### MORE THAN B<sub>1</sub> ALONE

Vita-Flor supplies Vitamin B<sub>1</sub> plus other essential plant growth factors. Experimental evidence indicates that this combination has frequently produced better results than B<sub>1</sub> alone.



#### EASY TO USE

Vita-Flor requires no tedious mixing, no refrigeration. Comes in handy "eye-dropper" bottle. Two drops vitimize one gallon of water. Available in four convenient sizes—1/4 ounce, 1 ounce, 2 ounce and 1 pint bottles.



#### BACKED BY A LEADER

Vita-Flor is backed by the National Oil Products Company, whose enviable reputation for quality products is based on fifteen years of leadership in the vitamin field.



#### SCIENTIFICALLY CONTROLLED

Precise manufacturing methods controlled by Nopco, assure you of a dependable, standardized product in Vita-Flor.

# Vita-Flor

**VITAMIN B<sub>1</sub> PLUS OTHER  
KNOWN VITAL PLANT  
GROWTH FACTORS**



#### MEETS UNUSUAL DEMAND

VITA-FLOR is your answer to the demand of gardeners, farmers, nurserymen for an accurate Vitamin B<sub>1</sub> source. Vita-Flor, backed by the reputation and prestige of National Oil Products Company, is a natural combination of Vitamin B<sub>1</sub> and other known vital plant growth factors. This combination has frequently produced better results than Vitamin B<sub>1</sub> alone.

Recommend Vita-Flor to your customers as an important aid in overcoming root shock when plants, trees, and shrubs are transplanted—in stimulating lawns—in producing rapid plant growth and bigger, more beautiful blooms. Vita-Flor has proved itself again and again by outstanding results to users.

#### SPECIAL INTRODUCTORY OFFER

If you are not already stocking Vita-Flor, write for details of our special introductory offer open for a limited time only. Now is the time to get in on the heavy summer and fall demand for Vitamin B<sub>1</sub>. Fill out and mail this coupon today.

**NATIONAL OIL PRODUCTS COMPANY  
DEPT. H, HARRISON, NEW JERSEY**

I want to know more about VITA-FLOR. Please send me full details of your special introductory offer, and information about your liberal dealer discounts at once. It is understood that this will be done without obligation to me.

NAME.....

ADDRESS.....

**NATIONAL OIL PRODUCTS COMPANY - - HARRISON, NEW JERSEY**



**GAGING RODS**—See Rods, Barrel Gaging and Wastage

**GALL OINTMENT**—See Salves, Gall

**GALL SALVE**—See Salves, Gall

**GALLEY STOVES**—See Stoves, Galley

**GALVANIZED BOLTS**—See Bolts, Galvanized

**GALVANIZED CORNICES**—See Cornices, Galvanized

**GALVANIZED IRON MEASURES**—See Measures, Iron, Galvanized

**GALVANIZED IRON PAINT**—See Paints, Galvanized Iron

**GALVANIZED IRON TUBS**—See Tubs, Iron, Galvanized

**GALVANIZED NAILS**—See Nails, Galvanized

**GALVANIZED PAILS**—See Pails, Galvanized

**GALVANIZED RIDGE ROLLS**—See Rolls, Ridge

**GALVANIZED RIVETS**—See Rivets, Galvanized

**GALVANIZED SHEETS**—See Sheets, Galvanized

**GALVANIZED STEEL BASKETS**—See Baskets, Steel, Galvanized

**GALVANIZED WARE**—See Ware, Galvanized

**GALVANIZED WASHERS**—See Washers, Galvanized

**GALVANIZED WIRE**—See Wire, Plain and Galvanized

**GALVANIZED WIRE CLOTH**—See Cloth, Wire, Aluminum, Black, Brass, Bronze, Copper, Galvanized, Etc.

**GAME BAGS**—See Bags, Game

**GAME BOARDS**—See Games; also Article Desired

**GAME BOARDS, Checkers and Backgammon**—See Boards, Checker and Backgammon

**GAME BOARDS, Cribbage**—See Boards, Cribbage

**GAME SHEARS**—See Shears, Game

**GAMES and TOYS**—See article desired

### GAMES, Bean Bag

Carrom Co., Ludington, Mich.  
Parker Bros., Salem, Mass.

### GAMES, Bowling, Toy

Arcade Mfg. Co., Freeport, Ill.  
Auburn Rubber Corp., Auburn, Ind. "Pen-Dux"  
Brinkman Engineering Co., Dayton, O.  
Cass (N. D.) Co., Athol, Mass.  
Mark Ray (T.) Toy & Mfg. Co., 1240 Wrightwood Av., Chicago, Ill.  
Parker Bros., Salem, Mass.  
Peters (F. D.) Co., Inc., Gloversville, N. Y.  
Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.  
Selchow & Righter Co., 200 Fifth Av., New York, N. Y. "Reglar Fellers"  
Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"  
Turner & Seymour Mfg. Co., Torrington, Conn. "Te-Bowl"

### GAMES, Card

Bradley (Milton) Co., Springfield, Mass.  
Parker Bros., Salem, Mass. "Flinch"  
United States Playing Card Co., Cincinnati, O.  
Whitman Publishing Co., Racine, Wis.

### GAMES, Carrom

Carrom Co., Ludington, Mich. (Carrom & Crokinole Comb. Game Boards)

### GAMES, Checker and Backgammon

(See also Boards, Checker and Backgammon)  
Bradley (Milton) Co., Springfield, Mass.  
Carrom Co., Ludington, Mich.  
Embossing Co., Albany, N. Y.  
Halsam Products Co., Inc., Chicago, Ill.  
Horn (W. C.) Bro. & Co., 200 Fifth Av., New York, N. Y.  
Newton-Thompson Co., Brandon, Vt.  
Parker Bros., Salem, Mass.  
Pattberg Novelty Wks., 47 W. 34th, New York, N. Y.  
Popper, Arthur, 118 Fourth Av., New York, N. Y.  
Selchow & Righter Co., 200 Fifth Av., New York, N. Y.  
Waterbury Button & Mfg. Co., Waterbury, Conn.

**GAMES, Chess**—See Boards, Chess

### GAMES, Croquet

Coke-Roberts Corp., Orange, Mass.  
Crane & MacMahon, Inc., St. Mary's, O. "Chal-lenger"  
Dieterman & Jones, Jonesville, Mich. "Lawnrak"  
Garton Toy Co., Sheboygan, Wis. "Eclipse"  
Indiana Handle Co., Paoli, Ind.  
Parker Bros., Salem, Mass.  
Ridemaker (H.) & Sons, Grand Rapids, Mich.  
Roy Bros., East Barney, Vt.  
South Bend Toy Mfg. Co., South Bend, Ind. "Stand-ard"  
Trotting (A. G.) & Bros., Chicopee, Mass.  
Transogram Mfg. Co., Skowhegan, Me.  
**GAMES, Dominoes**—See Dominoes

### GAMES, Educational

Bradley (Milton) Co., Springfield, Mass.  
Brownlee Stix, Rochester, N. Y.  
Embossing Co., Albany, N. Y.  
Gilbert (A. C.) Co., New Haven, Conn.  
Harter Publishing Co., Cleveland, O.  
Jones, Howard B., Chicago, Ill.  
Madmar Quality Co., Utica, N. Y.  
Parker Bros., Salem, Mass.  
Selchow & Righter Co., 200 Fifth Av., New York, N. Y.  
Stampit Corp., Brookfield, Ill. (Electric Spelling Bee and Questionnaire)  
Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"  
United States Playing Card Co., Park Av., Cincinnati, O.  
Wolverine Supply & Mfg. Co., Pittsburgh, Pa. "Litho-Art"

### GAMES, Golf, Toy

Backus Novelty Co., Smethport, Pa.  
Fox Co., Phila., Pa. "Kumbak"  
Gibbs Mfg. Co., Canton, O.  
Gong Bell Mfg. Co., East Hampton, Conn. "Tumble Golf"  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
Toy Tinkers, Inc., Evanston, Ill. "Casino Golf"

### GAMES, Pin Board

Carrom Co., Ludington, Mich. (Bagatelle)  
Harvey Mfg. Co., 1318 N. 7th, St. Louis, Mo.  
Northwestern Mail Box Co., St. Louis, Mo.  
Pattberg Novelty Corp., 47 W. 34th, New York, N. Y.  
Popper, Arthur, 118 Fourth Av., New York, N. Y.  
Tolerton Co., Alliance, Mo.  
Wolverine Supply & Mfg. Co., Pittsburgh, Pa.

### GAMES, Shooting

Daisy Mfg. Co., 414 Union, Plymouth, Mich. "Champion," "Marksman," "Target Buster"

### GAMES, Shuffleboard

American Playground Device Co., Anderson, Ind.  
Daytona Beach Shuffleboard Co., Philmont, N. Y.  
Dieterman & Jones, Jonesville, Mich.  
Detroit Wood Products Co., Detroit, Mich.  
Safe Play Co., Inc., Elkhart, Ind.  
Shuffleboard Equipment Co., Nappanee, Ind.  
South Bend Toy Mfg. Co., South Bend, Ind.

### GAMES, Table Tennis

Becker (P.) & Co., 323 W. Munroe, Chicago, Ill.  
Chicago Table Tennis Co., 1625 N. Milwaukee, Chicago, Ill.  
Detroit Wood Products, 14285 Schaefer Highway, Detroit, Mich.  
Harvard Table Tennis Co., Cambridge, Mass. "Harvard"  
Parker Bros., Inc., Salem, Mass.

### GAMES, Unclassified

(See also other Headings under Games)  
Apex Mfg. Co., Norristown, Pa. (Dart)  
Bradley (Milton) Co., Springfield, Mass. "Balaroo"  
"Bridgette," "G-Men," "Fibber McGee"  
Brinkman Engineering Co., Dayton, O. "Brinkman Whirlpool"  
Bull-Eye Pistol Mfg. Co., Rawlins, Wyo.  
Carrom Co., Ludington, Mich. "Archarena," "Rack-eter," "Shuffle Board"  
Cass (N. D.) Co., Athol, Mass.  
Childs (S. D.) & Co., Chicago, Ill. "Spin-Win"  
Conestoga Corp., Bethlehem, Pa. "Big-Bang"  
Duncan (Donald F.), Inc., Chicago, Ill. "Yo-Yo"  
Durable Toy & Novelty Co., 200 5th Av., New York, N. Y.  
Elastic Tip Co., 370 Atlantic Av., Boston, Mass. (Vacuum Tipped Arrow Pistol)  
Embossing Co., Albany, N. Y. (Embossed Ana-grames, Stick Stack, Ring Toss, Pocket Puzzles)  
Fuld, Wm., Baltimore, Md.  
Gabriel (Saml.) Sons & Co., 200 5th Av., New York, N. Y.  
Gibbs Mfg. Co., Canton, O. "Bang-Ball," "Snap-pin"  
Harvey Mfg. Co., 1318 N. 7th, St. Louis, Mo. "Boom-Boom"  
Hoge Mfg. Co., Inc., 200 Fifth Av., New York, N. Y. "Little Marksman"  
Imperial Methods Co., Forest Park, Ill. "Ten Grand"  
Kilgore Mfg. Co., Westerville, O. "Sally Ann"  
Knapp Elec., Inc., 358 S. Meridian, Indianapolis, Ind. "Krazy-Ikes"  
Markray (T.) Toy & Mfg. Co., 1240 Wrightwood Av., Chicago, Ill.  
Northwestern Mail Box Co., St. Louis, Mo. "Poosh-M-Up"  
Parker Bros., Salem, Mass. "Banking," "Bingo," "Camelot," "Double Somerset," "Fortune," "G-Men," "Game o' Skeet," "Jan-Ken-Po," "Kaji," "Lexicon," "Make-A-Million," "Millionaire," "Monopoly," "Pegity," "Pigskin," "Pit," "Politics," "Polly Anna," "Rook," "Skeet," "Sorry," "Tom Mix," "Van Loon's Wide World," "Winnie-The-Pooh"  
Peters (F. D.), Inc., Gloversville, N. Y. "Bow-Gun," "Rollo-Bollo," "Spinola"  
Popper, Arthur, 133 Fourth Av., New York, N. Y.  
Porter Chemical Co., Hagerstown, Md. "Geographical Lotto"

Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy" (Ring Tossing)  
Schneider (Jos.), Inc., 200 Fifth Av., New York, N. Y.  
Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.  
Selchow & Righter Co., 200 5th Ave., New York, N. Y. "Ed Wynn Fire Chief," "Keno-Lotto," "Pla-Rite"  
Stampit Corp., Brookfield, Ill. "Bat-R-Up" (Base-ball Game), "Tailspin" (Airplanes & Spinner)  
Staubenville Pressed Steel Co., Staubenville, O. "Kielo"  
Synco Devices, Inc., 747 Beaubien, Detroit, Mich. "Rollatelle," "Upon Downs"  
Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"  
United States Playing Card Co., Cincinnati, O. "Po-ke-No"  
Wolverine Supply & Mfg. Co., Pittsburgh, Pa. (Strategy)—(Motor Race) "Gee-Wis," "Pennant Winner," "Sandy Andy," "Sunny Andy," "Sunny Susy" (Rabbit Chase)  
**GANG LAWN MOWERS**—See Mowers, Lawn, Gang  
**GARAGE DOOR BOLTS**—See Bolts, Door, Factory and Garage  
**GARAGE DOOR BRACES**—See Braces, Garage Door  
**GARAGE DOOR HANGERS**—See Hangers and Hinges, Door, Garage  
**GARAGE DOOR HINGES**—See Hangers and Hinges, Door, Garage  
**GARAGE DOOR HOLDERS**—See Holders, Door, Garage  
**GARAGE DOOR OPENERS**—See Openers, Garage Door  
**GARAGE DOOR, Overhead Acting Hardware**—See Hardware, Garage Door, Overhead Acting  
**GARAGE DOORS, Overhead Acting**—See Doors, Garage, Overhead Acting, Steel or Wood

### GARAGE HARDWARE

(See also Hardware, Door, Sliding and Folding)  
Allith-Prouty, Inc., Danville, Ill. "10-80," "11-80," "11-89," "26-80," "50-50"  
Champion Hdw. Co., Geneva, O.  
Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Corbin, P. & F., New Britain, Conn.  
Easy-Raise Door Co., National Bldg., Cleveland, O.  
Empire Plow Co., 3140 E. 65th, Cleveland, O. "Empire"  
Frants Mfg. Co., Sterling, Ill.  
Griffin Mfg. Co., Erie, Pa.  
Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y. "Lane's"  
Lawrence Bros., Sterling, Ill.  
Lock-Hold Mfg. Co., Cleveland, O.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Majestic Co., Huntington, Ind.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Economy," "New Way," "New Way Giant," "O. K. Stayon," "Sure Grip"  
National Mfg. Co., Sterling, Ill.  
Richards-Wilcox Mfg. Co., Aurora, Ill. "Slidetite," "Slidaside," "Corn-R-Wise," "Over-Way"  
Sargent & Co., New Haven, Conn.  
Sharon Hardware Mfg. Co., Sharon, Pa.  
Shelby Spring Hinge Co., Shelby, O.  
Stanley Wks., New Britain, Conn. "Roll-Up," "Swing-Up"  
Starline, Inc., Harvard, Ill.  
Wagner Mfg. Co., Cedar Falls, Ia. "Cloz-tite," "Foldz-tite," "Wagner"  
Western Products, Inc., New Castle, Ind. "West-ern," "West-Over"

### GARAGE HARDWARE SETS

Allith-Prouty, Inc., Danville, Ill.  
Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Easy-Raise Door Co., National Bldg., Cleveland, O.  
Empire Plow Co., 3140 E. 65th, Cleveland, O. "Empire"  
Frants Mfg. Co., Sterling, Ill. "Around-the-Corner," "E-Z," "Over-the-Top"  
Griffin Mfg. Co., Erie, Pa.  
Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y. "Lane's"  
Lawrence Bros., Sterling, Ill.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Myers (F. E.) & Bro. Co., 902 Church Ashland, O. "Economy," "New Way," "New Way Giant," "O. K. Stayon," "Sure Grip"  
National Mfg. Co., Sterling, Ill.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Sharon Hardware Mfg. Co., Sharon, Pa.  
Stanley Wks., New Britain, Conn. "Roll-Up," "Swing Up"  
Starline, Inc., Harvard, Ill. "Cannon Ball"  
Wagner Mfg. Co., Cedar Falls, Ia. "Cloz-tite," "Corner Curve," "Foldz-tite," "Wagner"  
Western Products, Inc., New Castle, Ind. "West-Over"

**GARAGE HEATERS**—See Heaters, Garage

**GARAGE OVERHEAD Acting Door Hardware**—See Hardware, Garage Door, Overhead Acting

**GARAGE VISE**—See Vises, Garage & Household

### GARAGES, Portable

Brooks-Skinner Co., Quincy, Mass.  
Columbian Steel Tank Co., Kansas City, Mo.  
Continental Bridge Co., Peotone, Ill. (Steel)  
Davis-Watson Mfg. Co., Nashua, N. H. (Steel)  
Dexter Lumber Co., Norwood, O.



Meet the files  
that make your  
**SALES GROW!**

## NUCUT FILES

are supplied in these types and hundreds more

**Mill Files:** For sharpening industrial saws, knives, shears, axes, also for lathe, polishing, and bench work.

**Mill Files (Round Edges):** Both edges rounded for filing gullet space in saw teeth.

**Taper Files:** For sharpening axes, saws, milling cutters. Available also in SLIM TAPER, EXTRA SLIM TAPER, and DOUBLE EXTRA SLIM TAPER for any saw tooth.

**Hand Saw Blunt Files:** For filing hand saws. BAND SAW BLUNT, BAND SAW TAPERS, and DOUBLE-ENDER files used for sharpening hand saws.

**Cross Cut Files:** Rounded back. For sharpening cross cut saws.

**Cant Saw Files:** For filing "M" shape teeth type cross cut saws.

**Flat Files:** Tapering sides. A general utility file for machine shops, factories, garages.

**Hand Files:** Similar to FLAT FILES but blunt in shape, parallel sides. Have one safe edge for corner work where a file with cut edge does not answer.

**Half Round Files:** The Half Round back is spiral cut, original with NUCUT. For smooth finishing of rounded holes, concave corners, crevices and circular work.

**Round Files:** Pointed, and spiral cut. For enlarging circular openings, angles, etc., for filing dies, making fillets. ROUND BLUNT used where pointed file is not required.

**Three Square Files:** For general machine shop use—filing cutters, taps, sharp corners, internal angles and right angles.

**Square Files:** For filing keyways, slot grooves, square holes, flat surfaces. Also available in SQUARE BLUNT.

**Farmer's Own Files:** A general farm and field utility file with solid steel handle.

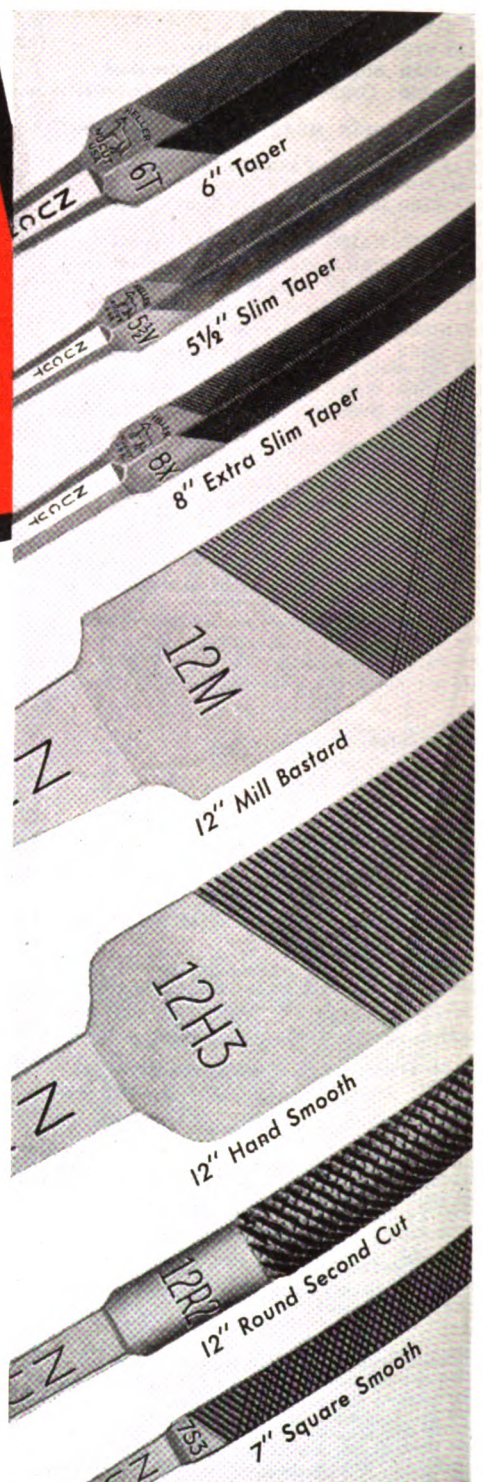
**Knife Files:** Useful to tool and die makers. Knife-shaped.

### Files for Soft Metal:

**Aluminum Files, Double Cut.** Generally made and sold in the 12" and 14" sizes and in Flat or Half Round Shape. For rapid filing of aluminum, brass or other soft metals.

**Float Files, Coarse, Single Cut.** Made in 6", 8", 10", 12", 14", 16" sizes and in both Flat and Half Round Shapes. For filing lead, babbitt and similar soft metals.

**Hand Finishing Files:** 12" and 14". For smooth, hand finishing work.

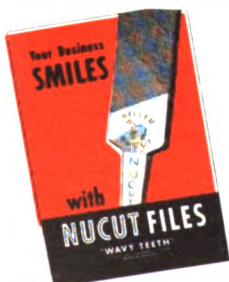


### ASK US ALSO ABOUT THESE MONEY-MAKERS

**Heller Files Rex Files**  
**Johnson Files Black King Files**

A complete line of milled curved tooth Vixen and Swiss Pattern Files. Also Hammers, Masterrenches and Other Hand Tools.

Sell the File with the "Wavy Teeth",  
WHITE Tang, and Copyrighted  
Symbol-Identification.



Users like the way NUCUT "Wavy Teeth" Files help in turning out more work in less time with less effort. Such satisfaction means more business . . . if you are the NUCUT distributor. For then you are backing files that win one customer after another. You enjoy steadily increasing file sales and boost your reputation for quality, too!

**HELLER BROTHERS COMPANY**  
Newark, New Jersey Newcomerstown, Ohio

# HELLER NUCUT "WAVY TEETH" FILES

PATENT No. 2027039

Mention Hardware Age When Writing

Digitized by Google



**GARAGES, Portable (Continued)**

Edwards Mfg. Co., Cincinnati, O.  
Harry (O. K.) Steel Co., 2337 Papin, St. Louis, Mo.  
"Okay"  
Hodgson (E. F.) Co., Boston, Mass.  
Huttig Sash & Door Co., St. Louis, Mo.  
Hyde Park Lumber Co., Cincinnati, O. "Easibilt"  
Lewis Mfg. Co., Bay City, Mich.  
Martin Steel Products Co., Mansfield, O.  
Merrison & Morley Co., Saginaw, Mich. "Gold Bond"  
Monter (M.) & Co., Phila., Pa. "Quickrect"  
Pinyoun (F. C.) & Son, Cleveland, O.  
Putter Mfg. & Lumber Co., Gowners Grove, Ill.  
"Redybilt"  
St. Johns Portable Bldg. Co., St. Johns, Mich.  
St. Paul Corrugating Co., St. Paul, Minn. "Pruden"  
Stefco Steel Co., Michigan City, Ind.  
Thayer Portable House Co., Keene, N. H. "Spring-  
field"  
Thomas-Armstrong Co., London, O. "Buckeye"

**GARBAGE & ASH CAN STANDS**—See Stands,

Can, Garbage & Ash, Portable

**GARBAGE BURNERS**—See Incinerators

**GARBAGE CAN COVERS**—See Covers, Can, Ash &

Garbage

**GARBAGE CAN HOLDERS**—See Holders, Can, Garbage

**GARBAGE CANS**—See Cans, Ash and Garbage

**GARBAGE INCINERATORS**—See Incinerators, Garbage

**GARBAGE PAILS**—See Pails, Garbage

**GARBAGE RECEIVERS**—See Receivers, Garbage

**GARDEN BARROWS**—See Wheelbarrows, AN Types and Classifications

**GARDEN CARTS**—See Carts, Garden

**GARDEN CULTIVATORS**—See Cultivators, Garden

**GARDEN FORKS**—See Forks, Garden

**GARDEN FOUNTAINS**—See Fountains, Lawn and Garden

**GARDEN HOES**—See Hoes, Garden

**GARDEN HOSE ATTACHMENTS**—See Hose Attachments, Garden

**GARDEN HOSE CABINETS**—See Cabinets, Hose, Garden

**GARDEN HOSE FERTILIZER DISTRIBUTORS**—See Distributors, Fertilizer, Hose, Garden

**GARDEN HOSE FERTILIZER SPRAYERS**—See Sprayers, Garden Hose, Fertilizer and Insecticide

**GARDEN HOSE HANGERS**—See Hangers, Hose, Garden

**GARDEN HOSE REELS**—See Reels, Hose, Garden

**GARDEN HOSE SPRAYERS**—See Sprayers, Garden Hose

**GARDEN HOSE SUPPORTS**—See Supports, Garden Hose

**GARDEN HOSE WASHERS**—See Washers, Hose, Garden

**GARDEN LIGHTING FIXTURES**—See Fixtures, Garden Lighting

**GARDEN LINES**—See Lines, Garden

**GARDEN LINING STAKES**—See Stakes, Lining Garden

**GARDEN MULCHERS**—See Mulchers, Garden

**GARDEN ORNAMENTS**—See Ornaments, Garden

**GARDEN PLOWS**—See Plows, Garden

**GARDEN PUMPS**—See Pumps, Spray

**GARDEN RAKES**—See Rakes, Garden

**GARDEN SEED**—See Seed, Garden and Flower

**GARDEN SETS**—See Sets, Floral

**GARDEN SETS, Toy**—See Sets, Garden, Toy

**GARDEN SPADES**—See Spades, Garden

**GARDEN SPRAYERS**—See Sprayers, Garden

**GARDEN STAKES**—See Stakes, Nursery and Garden

**GARDEN TOOLS, RACKS**—See Racks, Garden Tools

**GARDEN TOOLS and IMPLEMENTS**—See article desired

**GARDEN TRACTORS**

Allen (B. L.) & Co., Inc., 401 Glenwood, Phila., Pa. "Planet Jr."  
Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
American Farm Machinery Co., St. Paul, Minn. "Kincaid"  
Arrens Co., Brillion, Wis.  
Bolen Mfg. Co., Fort Washington, Wis.  
Earlefield (B. D.), 300 S. La Salle, Indianapolis, Ind. "Unitractor"  
Federal Foundry Supply Co., Cleveland, O.  
Gravelly Motor Plow & Cultivator Co., Dunbar, W. Va. "Gravelly"  
Knight Screw Products Co., Detroit, Mich. "Little Farmer"  
New Bonman Tractor Co., Minneapolis, Minn.  
Pioneer Mfg. Co., West Allis, Milwaukee, Wis.  
Progressive Machinery Co., Minneapolis, Minn.  
Bottlinger, Inc., 102nd & 9th Av., Troy, N. Y. "Bottlinger"  
Slaw Mfg. Co., Galesburg, Kan.  
Standard Engine Co., 3231 Como Av., Minneapolis, Minn. "Standard"  
Universal Mfg. Co., 324 W. 10th, Indianapolis, Ind. "McLean"

**GARDEN TRELLISES**—See Trellises

**GARDEN TROWELS**—See Trowels, Garden

**GARDEN & ROAD EDGING**—See Curbs, Land-scapes

**GARDEN WEEDERS**—See Weeders, Garden and Lawn

**GARDEN WHEEL BASKETS**—See Baskets, Garden Wheel

**GARDENS, Toy**

Gabriel (Sam'l) Sons & Co., 200 Fifth Av., New York, N. Y. "Plan-A-Garden"

**GARLANDS, Paper**

Paper Novelty Mfg. Co., 505 Carroll, Bklyn., N. Y.  
Royal Lace Paper Wks., 850 Lorimer, Bklyn., N. Y.  
Wilmsen, B., Jasper & Hagert, Phila., Pa.

**GARLANDS, Tinsel**

Carpenter Mfg. Co., Norwich, Conn. "Everbrite"  
Franke (George) Sons Co., 112 S. Eutaw, Baltimore, Md.  
National Tinsel Mfg. Co., Manitowoc, Wis.  
Paper Novelty Mfg. Co., 505 Carroll, Bklyn., N. Y.

**GARMENT RAGS**—See Bags, Garment

**GARMENT HANGERS**—See Hangers, Garment

**GARMENT HOOKS**—See Hooks, Coat and Hat

**GARMENT TREES**—See Trees, Garment

**GARNET CLOTH**—See Cloth, Abrasive, Coated, Emery, Garnet, Aluminous Oxide, Silicon Carbide, Etc.

**GARNET PAPER**—See Papers, Abrasive, Coated, Flint, Garnet, Aluminous Oxide, Silicon Carbide, Etc.

**GAS BLOW TORCHES**—See Torches, Blow Gas

**GAS BURNER CHIMNEYS**—See Chimneys, Burner, Range and Stove, Gas

**GAS BURNER CONES**—See Cones, Gas and Oil Burner

**GAS BURNER TIPS**—See Tips, Gas Burner

**GAS BURNERS**—See Burners, Gas

**GAS CLOTHES DRYERS**—See Dryers, Clothes, Gas

**GAS AND COAL COMBINATION RANGES**—See Ranges, Coal and Gas Combination

**GAS, COAL and ELECTRIC COMBINATION RANGES**—See Ranges, Coal, Gas and Electric Combination

**GAS COCKS**—See Cocks, Gas

**GAS FURNACE LIGHTERS**—See Lighters, Furnace, Gas

**GAS FURNACE TORCHES**—See Furnace Torches, Gas

**GAS LOGS**—See Logs, Gas

**GAS LIGHTERS**—See Lighters, Gas

**GAS LIGHTING TORCHES**—See Lighters, Gas

**GAS, Liquefied**

Bluffame Corp., Toledo, O.  
Carbide & Carbon Chemicals Corp., 30 E. 42nd, New York, N. Y. "Pyrofax"  
Harms Oil Co., Allison, Ia. "All-Gas"  
Illinois Bottle Gas Co., 35 W. Jackson Blvd., Chicago, Ill.

Northwestern Blaugas Co., St. Paul, Minn.

Omaha Blugas Co., Omaha, Neb.

Phillips Petroleum Co., Detroit, Mich. "Philgas"

Pittsburgh Thermoline Co., Pittsburgh, Pa.

Protane Corp., Erie, Pa.

Universal Bottle Gas Co., 138 Mt. Hope Av., Rochester, N. Y.

**GAS MACHINES**—See Machines, Gas

**GAS MANTLES**—See Mantles, Gas

**GAS PIPE**—See Pipe, Cast Iron, Gas

**GAS PLATES**—See Plates, Hot, Electric, Gas, Etc.

**GAS PLIERS**—See Pliers, Gas

**GAS RADIATION HEATERS**—See Heaters, Radiation, Gas

**GAS RANGE CONNECTIONS**—See Connections, Range, Gas

**GAS RANGE FLUES, DEFLECTORS**—See Deflectors, Flue, Gas Range

**GAS RANGE MATS**—See Protectors, Gas Range & Refrigerator Top

**GAS RANGE TOP PROTECTORS**—See Protectors, Gas Range & Refrigerator Top

**GAS RANGES**—See Ranges, Gas

**GAS REFRIGERATORS**—See Refrigerators, Gas

**GAS REGULATORS**—See Regulators, Gas

**GAS SAD IRONS**—See Irons, Sad, Gas

**GAS SOLDERING FURNACES**—See Furnaces and Torches, Gasoline and Kerosene

**GAS STOVES**—See Plates, Hot, Electric, Gas, Etc.

**GAS AND COAL COMBINATION RANGES**—See Ranges, Coal and Gas Combination

**GAS TOASTERS**—See Toasters, Gas

**GAS TORCHES**—See under Torches

**GAS TUBING**—See Tubing, Gas

**GAS WATER HEATER**—See Heaters, Water, Gas

**GASKET CEMENT**—See Cement, Gasket

**GASKET CUTTERS**—See Cutters, Gasket

**GASKETS, Cork**

Armstrong Cork Co., Lancaster, Pa.  
Auburn Mfg. Co., Middletown, Conn.  
Cooper Mfg. Co., 411 South First Av., Marshalltown, Ia. "Korkite"

**GASKETS, Cork**

Armstrong Cork Co., Lancaster, Pa.

Auburn Mfg. Co., Middletown, Conn.

Cooper Mfg. Co., 411 South First Av., Marshalltown, Ia. "Korkite"

**GASKETS, Cork**

Armstrong Cork Co., Lancaster, Pa.

Auburn Mfg. Co., Middletown, Conn.

Cooper Mfg. Co., 411 South First Av., Marshalltown, Ia. "Korkite"

Gasket Supply Co., Red Hill, Pa. "Right"  
Goetze Gasket & Packing Co., New Brunswick, N. J. "Corker"

McCord Radiator & Mfg. Co., Detroit, Mich.  
Morgan Industrial Products Co., 412 Morgan Av., Bklyn., N. Y.

**GASKETS, Door, Refrigerator**

Acme Mfg. & Gasket Co., Phila., Pa.  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. "Dennis"

Felters Co., Inc., 210 South, Boston, Mass.

Thermwool Products Co., Inc., 25 W. 80th, New York, N. Y. "Flexomold," "Servall"

Wirfs-Bosley Corp., 3242 N. California Av., Chicago, Ill. "Airtite"

**GASKETS, Lead**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn., N. Y.

National Lead Co., 111 B'way, New York, N. Y.

**GASKETS, Leather**

Chicago Belting Co., 128 N. Breen, Chicago, Ill.

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.

Excelsior Leather Washer Mfg. Co., Rockford, Ill. "X. L."

Mechanical Leathers, Inc., 2202 E. Butler, Phila., Pa.

Michigan Leather Packing Co., 6331 E. Lafayette Av., Detroit, Mich.

Nott (W. S.) Co., 201 N. 3rd, Minneapolis, Minn.

Preston (Horace G.) Co., 2593 Beecher, Detroit, Mich.

Schieren (Chas. A.) Co., 29 Ferry, New York, N. Y.

Simplex Mfg. Co., Auburn, N. Y. "Simplex"

**GASKETS, Metallic**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn., N. Y.

Acme Mfg. & Gasket Co., Phila., Pa.

Cooper Mfg. Co., 411 South First Av., Marshalltown, Ia. "Ferrols"

Fitzgerald Mfg. Co., Torrington, Conn. "Fitzgerald"

Gasket Supply Co., Red Hill, Pa. "Right"

Goetze Gasket & Packing Co., New Brunswick, N. J.

McCord Radiator & Mfg. Co., Detroit, Mich. "McKim"

Victor Mfg. & Gasket Co., 5750 Roosevelt Rd., Chicago, Ill.

**GASOLINE CANS**—See Cans, Oil and Gasoline

**GASOLINE ENGINE SPRAYERS**—See Sprayers, Gasoline Engine

**GASOLINE ENGINES**—See Engines, Gasoline

**GASOLINE FURNACES**—See Furnaces and Torches, Gasoline

**GASOLINE LAMPS**—See Lamps and Lanterns, Gasoline

**GASOLINE LANTERNS**—See Lamps and Lanterns, Gasoline

**GASOLINE MANTLES**—See Mantles, Gas and Gasoline

**GASOLINE MOTOR WASHING MACHINES**—See Washing Machines, Gasoline Motor

**GASOLINE POWER MOWERS**—See Mowers, Power, Gasoline

**GASOLINE PRESSURE BURNERS**—See Burners, Gasoline Pressure

**GASOLINE PRESSURE GENERATORS**—See Generators, Gasoline, Pressure

**GASOLINE PUMPS**—See Pumps, Gasoline

**GASOLINE ROOM HEATERS**—See Heaters, Room, Gasoline

**GASOLINE SAD IRONS**—See Irons, Sad, Gasoline

**GASOLINE RANGES**—See Ranges, Gasoline

**GASOLINE REFRIGERATORS**—See Refrigerators, Gasoline

**GASOLINE SOLDERING IRONS**—See Irons, Soldering, Gasoline

**GASOLINE STORAGE CANS**—See Cans, Oil and Gasoline

**GASOLINE STOVES**—See Stoves, Gasoline

**GASOLINE TANKS**—See Tanks, Gasoline

**GASOLINE TORCHES**—See under Furnaces; also under Torches

**GASOLINE WATER HEATERS**—See Heaters, Water, Gasoline

**GATE HANGERS**—See Hangers, Gate

**GATE HINGES**—See Hinges, Gate

**GATE HOOKS and EYES**—See Hooks and Eyes, Gate

**GATE LATCHES**—See Latches, Gate

**GATE VALVES**—See Valves, Gate

**GATES, Bank, Office, Store, Etc.**

Badger Wire & Iron Wks., Milwaukee, Wis.

Hopewell Mfg. Co., Hopewell, N. J.

Logan Co., Louisville, Ky.

Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

**GATES, DRIVEWAY**—See Fence and Gates, Lawn

**GATES, Farm**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American"

Anchor Post Fence Co., Baltimore, Md.

Bethlehem Steel Co., Bethlehem, Pa.

Clay Equipment Corp., Gate Div., 126 Clay Av., Cedar Falls, Ia.

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American"

Anchor Post Fence Co., Baltimore, Md.

Bethlehem Steel Co., Bethlehem, Pa.

Clay Equipment Corp., Gate Div., 126 Clay Av., Cedar Falls, Ia.



**GATES, Farm (Continued)**

Continental Steel Corp., Kokomo, Ind.  
Cyclone Fence Co., Waukegan, Ill. "Red Tag"  
Franklin Equipment Co., Monticello, Ia.  
Gregs Mfg. Co., Fredericktown, O. "Sta-Rite"  
Hicks Gate Co., Fredericktown, O. "Leader"  
Indiana Steel & Wire Co., Muncie, Ind. "Imperial"  
Janesville Fence & Post Co., Janesville, Wis.  
Keystone Steel & Wire Co., Peoria, Ill. "Square Deal"  
"Tilting," "Tri-Mesh"  
Kitselman Bros., Muncie, Ind.  
Mason Fence Co., Leesburg, O.  
Mid-States Steel & Wire Co., Crawfordville, Ind.  
"Anderson," "Giant," "Star"  
Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
Pence, W. H., Fairfield, Ia.  
Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
Portable Elevator Mfg. Co., Bloomington, Ill.  
Republic Steel Corp., Republic Bldg., Cleveland, O. "Republic"  
Rowe Mfg. Co., Galesburg, Ill. "Cant-Sag"  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Sioux Falls Metal Culvert Co., Sioux Falls, S. D.  
Snow (W. A.) Co., Inc., 53 State, Boston, Mass.  
Standard Mfg. Co., Cedar Falls, Ia. "Trojan"  
Standard Fence Co., Oakland, Cal.  
Superior Steel & Wire Co., Knightstown, Ind.  
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
Von Steen (John H.) Co., Beatrice, Neb.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**GATES, Folding**

Badger Wire & Iron Wks., Milwaukee, Wis.  
Buffalo Wire Wks., Buffalo, N. Y.  
Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av., Cincinnati, O.  
Cyclone Fence Co., Waukegan, Ill.  
Kentucky Metal Products Co., Preston & Audubon Park, Louisville, Ky.  
Roebling's (John A.) Sons Co., Trenton, N. J. "Jersey"  
Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
Snow (W. A.) Co., Inc., 53 State, Boston, Mass.  
Standard Fence Co., Oakland, Cal.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**GATES, Lawn—See Fence and Gates, Lawn****GATES, Molasses, Oil and Varnish**

Burlington Brass Wks., Burlington, Wis.  
Cheney (S.) & Son, Manlius, N. Y.  
Fisher Brass, Inc., Marysville, O.  
Key Boiler Equipment Co., Inc., E. St. Louis, Ill. "Lemay" (Forced Feed)  
Le May, J. P., Casey, Ill.  
Rauch Mfg. Co., Galena, Kan. "Perfection"  
Sargent & Co., New Haven, Conn.  
Sommer (John) Faucet Co., 32 Morris Av., Newark, N. J. "Perfection"  
Stearns (E. C.) & Co., Syracuse, N. Y. "Lockfast," "Scovilles," "Stearns Escoc"  
Syracuse Stamping Co., Inc., Syracuse, N. Y. "Syraco"  
Weller Hdw. & Foundry Co., Horseheads, N. Y. "Stebbins"

**GATES, Office—See Gates, Bank, Office, Store, Etc.**  
**GATES, Oil—See Gates, Molasses, Oil and Varnish**  
**GATES, Ornamental—See Fence and Gates, Lawn**

**GATES, Porch**

Auto Wheel Coaster Co., N. Tonawanda, N. Y.  
Berger Mfg. Co., 11 Lorne, Dorchester (Boston), Mass.  
Chicago Curtain Stretcher Co., 3725 S. May, Chicago, Ill. "Dependable"  
Gem Mfg. Corp., Bascom, O. "Sun Beam"  
Perfection Mfg. Co., St. Louis, Mo.  
Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O.  
Rugg Mfg. Co., Greenfield, Mass. "Ever-Safe"  
Standard Novelty Wks., Duncannon, Pa.

**GATES, Steel—See Fence and Gates, Lawn**

**GATES, Store—See Gates, Bank, Office, Store, Etc.**  
**GATEF, Varnish—See Gates, Molasses, Oil and Varnish**

**GATES, Walk—See Fence and Gates, Lawn**

**GATEWAY ARCHES—See Arches, Gateway**

**GATHERING BASKETS—See Baskets, Gathering**

**GAUGE COCKS—See Cocks, Gauge**

**GAUGES—See Gages**

**GAUGES and LEVELS, TRACK—See Levels and Gauges, Track**

**GAUGING TAPES, Oil—See Tapes, Measuring**

**GAZING GLOBES—See Globes and Crystals, Gazing**

**GEAR GREASES, Fishing Reel—See Greases, Gear, Fishing Reel**

**GEARED JACKS—See Jacks, Geared**

**GEARS, Metal and Non-Metallic**

Chicago Rawhide Mfg. Co., 1285 Elston Ave., Chicago, Ill.

**GENERATORS, Bicycle, Electric**

Delta Electric Co., 600 W. 33rd, Marion, Ind. "Rollite"  
E. A. Laboratories, Inc., 696 Myrtle Av., Bklyn., N. Y. "Bikealite"  
"Make-A-Lite", Inc., 105 E. 29th, New York, N. Y.  
Monarch Mfg. Co., 711 W. Lake, Chicago, Ill. "Flashmaster"  
Rhamstine, J. Thos., 301 Beaubien, Detroit, Mich.

**GENERATORS, Gasoline Pressure**

American Gas Machine Co., Inc., Albert Lea, Minn. "Ready-Lite"  
Coleman Lamp & Stove Co., Wichita, Kan. "Coleman"  
Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant"

**GERMICIDES—See Insecticides**

**GIMLET BITS—See Bits, Gimlet**

**GIMLETS**

Deuse, E. W., Chester, Conn.  
Snell Mfg. Co., Fiskdale, Mass.  
Storts (John) & Son, 210 Vine, Phila., Pa.  
Swan (Jos.) Co., Seymour, Conn.  
**GIMP TACKS—See Tacks, Upholsterers'**  
**GIRL SCOUT KNIVES—See Knives, Pocket; also Knives, Hunting**

**GLASS ADJUSTABLE DISPLAY COMPARTMENTS—See Compartments, Display, Adjustable, Glass**

**GLASS CASTERS—See Casters, Glass**

**GLASS, Bulb Edge**

American Window Glass Co., 1609 Farmers Bank Bldg., Pittsburgh, Pa.  
Fourco Glass Co., Union Nat'l Bank Bldg., Clarksburg, W. V. "Clearlite"

**GLASS, Cathedral and Opalescent**

Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.

**GLASS CEMENT—See Cement, China, Crockery, Glass, Etc.**

**GLASS CLOTH—See Glass, Substitute, Flexible**

**GLASS COFFEE BREWERS—See Coffee Makers**

**GLASS, Colored**

Bache (Semon) & Co., 636 Greenwich, New York, N. Y.  
Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.

**GLASS CUTTERS' RULES—See Rules, Glass Cutters'**

**GLASS CUTTERS' SQUARES—See Squares, Glass Cutters'**

**GLASS CUTTERS—See Cutters, Glass**

**GLASS CUTTING BOARDS—See Boards, Glass Cutting**

**GLASS, Greenhouse**

Libbey-Owens-Ford Glass Co., Toledo, O. "L.O.F."  
Pennsylvania Wire Glass Co., Phila., Pa.  
Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.

**GLASS JUGS—See Jugs, Glass**

**GLASS KNOBS—See Knobs, Door and Drawer, Glass; also Knobs, Glass**

**GLASS LAMPS—See Lamps, Glass**

**GLASS LAMP SHADES—See Shades, Lamp, Glass**

**GLASS MAIL BOXES—See Boxes, Mail, Glass**

**GLASS NUMBERS—See Numbers, Glass**

**GLASS, Ornamental**

American Window Glass Co., 1609 Farmers Bank Bldg., Pittsburgh, Pa. "Lustrabl," "Lustragold"  
Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.

**GLASS OVEN WARE—See Ware, Oven, Glass**

**GLASS PARTITIONS—See Partitions, Glass**

**GLASS, Plate, Polished**

Bache (Semon) & Co., 636 Greenwich, New York, N. Y.  
Fourco Glass Co., Union Nat'l Bank Bldg., Clarksburg, W. Va. "Clearlite"  
Hires-Turner Glass Co., Phila., Pa.  
Libbey-Owens-Ford Glass Co., Toledo, O. "L.O.F."  
National Plate Glass Co., Detroit, Mich.  
Ohio Plate Glass Co., Toledo, O.  
Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa. "Crystalex," "Blue," "Flesh-Tinted," "Herculite," "Solex," "X-Raylead"  
**GLASS PLIERS—See Pliers, Glass**

**GLASS, Safety**

American Window Glass Co., 1609 Farmers Bank Bldg., Pittsburgh, Pa. "Armor-Lite," "Plexite"  
Bache (Semon) & Co., 636 Greenwich, New York, N. Y.  
Libbey-Owens-Ford Glass Co., Toledo, O. "L.O.F."  
Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa. "Aerolite," "Duplate," "Duolite," "Multiplate"

**GLASS SHELVES—See Shelves, Glass**

**GLASS SPECIALTIES—See Specialties, Glass**

**GLASS SUBSTITUTES**

Allen Bros., Inc., 9th & Douglas, Omaha, Neb. "Cosmotex," "Solar-Weave," "Sun-Tex"  
Arvey Corp., 3470 N. Kimball, Chicago, Ill. "R.V. Lite Vitapane"  
Celluloid Corp., Vitmlite Div., 180 Madison Av., New York, N. Y. "Vitmlite"  
Clay Equipment Corp., Cedar Falls, Ia.  
Du Pont (E. I.) de Nemours & Co., Inc., Organic Chemicals Dept., Wilmington, Del. "Cal-O-Glass"  
Flex-O-Glass Mfg. Co., 1104 N. Cicero Av., Chicago, Ill. "Flex-O-Glass," "Glass-O-Net," "Window-Fabric," "Wyr-O-Glass"  
Sol-O-Lite Mfg. Co., 1451 N. Cicero Av., Chicago, Ill. "Glasz-Fabrik," "Nu Via Glass," "Sol-O-Lite"  
Turner Bros., Bladen, Neb.  
Warp Bros., Thomas & Cicero Aves., Chicago, Ill. "Red Glass," "Window-Tex"

**GLASS, Tapestry**

Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.

**GLASS TUMBLER CLEANING BRUSHES—See Brushes, Tumbler & Glass**

**GLASS TUMBLERS—See Tumblers, Glass**

**GLASSWARE, Baking—See Ware, Oven**

**GLASSWARE, BAR, HOTEL, SODA FOUNTAIN and HOSPITAL—See Ware, Glass, Bar, Hotel, Soda Fountain and Hospital**

**GLASS WARE, Cooking—See Ware, Oven**

**GLASSWARE, INDUSTRIAL—See Ware, Glass, Industrial**

**GLASSWARE, Kitchen—See Ware, Glass, Kitchen**

**GLASSWARE, Refrigerator—See Ware, Glass Refrigerator**

**GLASSWARE, Table—See Ware, Glass, Table**

**GLASS, Water**

General Chemical Co., 40 Rector, New York, N. Y.  
Mallinckrodt Chemical Wks., St. Louis, Mo.  
Phila. Quartz Co. of California, Berkeley, Cal.  
Rutland Fire Clay Co., Rutland, Vt. "Rutland"

**GLASS, Window**

American Glass Co., 5180 Grand River, Detroit, Mich.  
American Window Glass Co., Farmers Bank Bldg., Pittsburgh, Pa. "Lustraglass"  
Bache (Semon) & Co., 636 Greenwich, New York, N. Y.  
Blackford Window Glass Co., Vincennes, Ind.  
Conroy-Prugh Glass Co., 1430 Western Av., Pittsburgh, Pa.  
Duplate Corp., 2222 Grant Bldg., Pittsburgh, Pa.  
Ford-McNutt Glass Co., 221 N. 3rd, Minneapolis, Minn.  
Fourco Glass Co., Union National Bank Bldg., Clarksburg, W. Va. "Clearlite"  
Harding Glass Co., Fort Smith, Ark.  
Hires-Turner Glass Co., Phila., Pa.  
Houze (L. J.) Convex Glass Co., Point Marion, Pa.  
Johnston Glass Co., Hartford City, Ind.  
Libbey-Owens-Ford Glass Co., Toledo, O. "L.O.F."  
Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa. "Pennvernion"  
Rolland Glass Co., Clarksburg, W. Va.  
Safetee Glass Co., 905 N. Broad, Phila., Pa.  
Schoy Sheet Glass Co., Slatersville, W. Va.  
Toledo Plate & Window Glass Co., Toledo, O.  
**GLASS WINDOW VENTILATORS—See Ventilators, Window, Glass**

**GLASS, Wire**

Blue Ridge Glass Corp., Kingsport, Tenn.  
Hires-Turner Glass Co., 230 S. 30th, Phila., Pa.  
Mississippi Wire Glass Co., 220 Fifth Av., New York, N. Y.  
Pennsylvania Wire Glass Co., Fox Bldg., Phila., Pa.  
Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa. (Factory Ribbed, Ornamental, Polished)  
Standard Plate Glass Co., Pittsburgh, Pa.  
**GLASSES, FIELD—See Binoculars**

**GLASSES, Gage**

Advance Packing & Supply Co., Chicago, Ill.  
"Firma," "Heather Brand," "Tenax Red Line"  
Bache (Semon) & Co., 636 Greenwich, New York, N. Y. "Eureka," "Hercules"  
Belfield (H. C.), Phila., Pa. "Sterling"  
Chesteron (A. W.) Co., Boston, Mass. "McGregor"  
"Sonderglass"  
Jenkins Bros., 80 White, New York, N. Y. "Moncrief"  
Vineland Flint Glass Wks., Vineland, N. J.  
**GLASSES LEVEL—See Glasses, Spirit Level**

**GLASSES, Oil Cup**

American Injector Co., Detroit, Mich.  
Bache (Semon) & Co., 636 Greenwich, New York, N. Y.  
Detroit Lubricator Co., Detroit, Mich.  
Friedrich & Dimmock, Millville, N. J.

THE SATURDAY  
EVENING POST

An Illustrated  
Founded 1826

Collier's  
WEEKLY

Country  
Gentleman

Better Homes & Gardens

Outdoor  
Life

**TRUE TEMPER PRODUCTS**

**ARE**

**WAKING UP  
AMERICA**

**TO**

*Hardware Store Values*

**12,000,000 CONSUMER SELLING MESSAGES PER ISSUE**

**TO GARDENERS, HOME OWNERS, FARMERS, CRAFTSMEN,  
OUTDOORSMEN—ALL YOUR CUSTOMERS**



# **TRUE TEMPER** BLAZES NEW TRAILS TO MORE PROFITS FOR THE HARDWARE MERCHANT

With New Products... Exclusive Design... Greater Values... Plus  
National Advertising to Bring Customers to the Hardware Store



## *True Temper* **TAPER FORGED TUBULAR SHANK TURTLE BACK SHOVELS**

Produced Exclusively by  
**TRUE TEMPER** under Taper Forging  
Patent No. 189590

Taper forged in one piece from a solid bar of  
special analysis steel—no welds, seams or laps.

Tubular steel shank.

Forged with a graduated taper which gives  
thicker sections of steel at all points of strain  
and wear in blade, shank, and socket.

Blade, heat treated by the most modern  
methods.

TRUE TEMPER'S New Forge Finish on blade is  
fast scouring, most practical and very attractive.

Ash handle is actually fire-hardened in flame,  
man's oldest method of strengthening, toughen-  
ing and preserving wood.

Perfect balance gives maximum efficiency in use.

Farmers—contractors—homeowners—will  
choose TRUE TEMPER Taper Forged Shovels in  
the popular models illustrated as the finest value.  
Stock, display and recommend TRUE TEMPER  
Taper Forged Shovels. They will win custom-  
ers—increase your sales and profits.

**DISPLAY AND FEATURE ALL**

# **TRUE TEMPER PRODUCTS**

FORMS • RAKES • HOES • SHOVELS • AXES • HATCHETS • HAMMERS • SCYTHES • FISHING RODS AND BAITS • GOLF

They represent the Finest Values

Digitized by Google



Almo Trading & Importing Co., Inc., 3 W. 18th,  
New York, N. Y.  
Bache (Semon) & Co., 636 Greenwich, New York,  
N. Y.  
Gloran & Co., 2000 Rand-McNally Bldg., Chicago,  
Ill.  
Hodes (Wm.) & Co., 109 Arch, Phila., Pa.  
Nagara Inzul-Bake Specialty Co., Inc., Albany,  
N. Y. "Sandy"  
Patent Novelty Co., Fulton, Ill.  
Sanders Mfg. Co., Nashville, Tenn.

Bache (Semon) & Co., 636 Greenwich, New York, N. Y.  
 Dixton (Henry) & Son, Inc., (Tacony), Phila., Pa.  
 Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
 Exact Level & Tool Mfg. Co., Inc., High Bridge, N. J.  
 Geier & Blumh, Inc., 672 River, Troy, N. Y.  
 Hiner, Oscar H., New Britain, Conn.  
 Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
 Sand's Level & Tool Co., 8629 Gratiot Av., Detroit, Mich.  
 "Sand's"  
 Stanley Tools Div., Stanley Works, New Britain, Conn.

American Optical Co., Southbridge, Mass.  
 American Spectacle Co., Inc., 136 W. 52nd, New  
 York, N. Y. "Fold-It"  
 Bachmann Bros., Inc., 1420 E. Erie Av., Phila., Pa.  
 "Majestic"  
 Baebeh & Lomb Optical Co., Rochester, N. Y.  
 "Ray Ban"  
 Chicago Eye Shield Co., 2306 Warren Blvd., Chi-  
 cago, Ill.  
 Columbia Protektosite Co., Inc., Carlstadt, N. J.  
 Common Sense Optical So., 180 N. Wacker Drive,  
 Chicago, Ill. "Control-Lite"  
 Lapon-Kurley Kew, Inc., 200 Varick, New York,  
 N. Y. "Palm Beach"  
 Plaford Corp., 730 Main, Cambridge, Mass.  
 Rosinold Mfg. Co., Inc., 973 Saratoga, Boston,  
 Mass.  
 Textile Inst. Co., 57 E. 11th, New York, N. Y.  
 Wilson Products, Inc., Reading, Pa.  
**GLAZIERS' CHISELS**—See Chisels. Glaziers',  
 Painters, Etc.  
**GLAZIERS' DIAMONDS**—See Diamonds, Glaziers'  
**GLAZIERS' DRIVERS**—See Drivers, Glaziers'  
**GLAZIERS' GUNS**—See Guns, Glazing  
**GLAZIERS' HAMMERS**—See Hammers, Glaziers'  
**GLAZIERS' KNIVES**—See Knives, Putty  
**GLAZIERS' POINT DRIVERS**—See Drivers,  
 Glaziers'  
**GLAZIERS' POINTS**—See Points, Glaziers'  
**GLAZIERS' SUPPLIES**—See article desired  
**GLAZING COMPOUNDS**—See Compounds, Glazing  
**GLAZING GUNS**—See Guns, Glazing  
**GLAZING LIQUIDS**—See Liquids, Glazing

American Acme Co., Emigsville, Pa.  
 Gettrick Mfg. Co., Summit & Magnolia, Toledo, O.  
 Indiana Desk Co., Dubois, Ind.  
 Paris Mfg. Co., South Paris, Me.  
 Troy Sunshade Co., Troy, O.

(See also Slides, Furniture)

Adjustable Caster Co., Phila., Pa. "Adjusta"  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Barnick Co., Bridgeport, Conn. (Rubber Cushion)  
Buckeye Glide Co., 131 E. 23d, New York, N. Y.  
"Buckeye Spring-Kushion," "Spring-Kushion"  
(Noiseless)  
Colinas (Geo. F.) & Co., Sapulpa, Okla. "Hartford"  
Gasglide" (Glass)  
Hartnell Corp., Ltd., Long Beach, Cal.  
Homes of Silence, Inc., 35 Pearl, New York, N. Y.  
"HO"  
Noiseless Caster Corp., Evansville, Ind.  
Mattatuck Mfg. Co., Waterbury, Conn. "Indian"  
Glide"  
Klier (Robert E.), Inc., 35 Pearl, New York, N. Y.  
(Rubber Cushion)  
Leitch & Judd Mfg. Co., New Britain, Conn.  
Turner & Seymour Mfg. Co., Menasha, Wis.  
"Aero," "Dandy," "Eagle," "Torrrington, Conn."  
"Arch," "Pussy Foot," "Silent Knight," "Mon-"  
"Noiseless"  
"Noiseless" Button & Mfg. Co., Waterbury, Conn.

SLIDING CASTERS—See Slides, Furniture; also  
Globe Valves—See Valves, Globe and Angle

Rich & Dimmock, Millville, N. J.  
 Jeannette Glass Co., Jeannette, Pa.  
 N. Y. "Perlex"  
 Lobes, Fish—See Aquariums

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
Bridgeport Lamp Chimney Co., Bridgeport, W. Va.  
Cameron Glass & Mfg. Co., Cameron, W. Va.  
Crescent Glass Co., Leesburg, W. Va. "Ruby"  
Dietz (R. E.) Co., 60 Waight, New York, N. Y.  
"D-Lite," "Fitzall," "Junior," "Little Wizard,"  
"No. 39."  
Embury Mfg. Co., Warsaw, N. Y. "Defiance," "Little  
Defiance," "Little Supreme," "Supreme"  
Kerr, Hubbard & Kelly, Sand Springs, Okla. (Clear  
& Ruby)  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
Macbeth-Evans Glass Co. Div. Corning Glass Wks.,  
Charleroi, Pa.  
Red Flare Signal Corp., Toledo, O. "Red Flare"  
Rodeferr Glass Co., Bellaire, O.  
Scott Depot Glass Co., Scott Depot, W. Va.  
Sneath Glass Co., Hartford City, Ind.  
Vineland Flint Glass Wks., Vineland, N. J.

Advance Glove Mfg. Co., 1040 W. Fort, Detroit, Mich.  
Industrial Gloves Co., 700 Garfield Blvd., Danville, Ill. "Kool Grips"  
Industrial Products Co., 2762 N. 8th, Phila., Pa.  
Olympic Glove Co., 97 Madison Av., New York, N. Y.

Denkert (M.) & Co., Johnstown, N. Y.  
Des Moines Glove & Mfg. Co., Des Moines, Ia.  
Dubow (J. A.) Mfg. Co., Inc., Chicago, Ill.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Ken-Wal Sporting Goods Co., Utica, N. Y. "Daxxy Vance"  
McKinnon Leather Products Corp., 252 Amherst, Buffalo, N. Y.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

Anderson Rubber Co., Akron, O. "Anderson's"  
Denkert (M. & Co., Johnstown, N. Y.  
Dubow (J. A.) Mfg. Co., Inc., Chicago, Ill.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
McKinnon Leather Products Corp., 252 Amherst, Buffalo, N. Y.  
Lawlings Mfg. Co., St. Louis, Mo.  
Spaulding (A. G.) & Bros., Chicopee, Mass.  
Hall & Dean Mfg. Co., Brockton, Mass.  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

Eagle, Jas., Johnstown, N. Y.  
 En-Wel Sporting Goods Co., Utica, N. Y.  
 Lawlings Mfg. Co., St. Louis, Mo.  
 Schumann Bros., Johnstown, N. Y.  
 Spalding (A. G.) & Bros., Chicopee, Mass.

Hubow (J. A.) Mfg. Co., Inc., Chicago, Ill.  
Holdsomith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Husen-Wel Sporting Goods Co., Utica, N. Y.  
Hawlings Mfg. Co., St. Louis, Mo.  
Hawdard (A. G.) & Bros., Chicopee, Mass.  
Hall & Dean Mfg. Co., Brockton, Mass.

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Halding (A. G.) & Bros., Chicopee, Mass.  
Hall & Dean Mfg. Co., Brockton, Mass.

ss Mfg. Co., Kewanee, Ill. "Boss"

vance Glove Mfg. Co., 1040 W. Fort, Detroit, Mich.  
 Berlin Glove Co., Berlin, Wis.  
 Mfg. Co., Kewanee, Ill. "Boss"  
 Knitting Co., Delavan, Wis.  
 Century Glove Corp., 468 Fourth Av., New York, N. Y.  
 "Century"  
 Chippeva Glove Factory, Chippeva Falls, Wis.  
 Mfg. Co., Mt. Sterling, Ky.  
 George Glove Co., 122 E. 25th, New York, N. Y.  
 "Hand Savers" (Imitation Chamois)  
 at Western Glove Mfg. Co., Jasper, Ind. "Economy," "Purple Horse"  
 Milton (M. B.) Mfg. Co., Leavenworth, Kan.  
 Hanover Glove Co., Hanover, Pa.  
 Indianapolis Glove Co., Indianapolis, Ind.  
 Industrial Glove Co., 700 Garfield Blvd., Danville, Ill.  
 "Steel Grip"  
 Industrial Products Co., 2762 N. 8th, Phila., Pa.  
 Glove Mfg. Co., Inc., Plumsteadville, Pa.  
 Livermore Falls Glove Co., Livermore Falls, Me.  
 "Work-King"

**GLOVES. POLISHING, SHEEPSKIN**—See Mittens, Polishing

**Aetna Rubber Co., Ashtabula, O.**  
**Anderson Rubber Co., Akron, O.** "Anderson's"  
**Edmont Mfg. Co., Coshocton, O.** "Edmont,"  
 "Swaggerettes"  
**Goodrich (B. F.) Co., Akron, O.**  
**Hood Rubber Co., Inc., Watertown, Mass.**  
**Olympic Glove Co., 97 Madison Av., New York,**  
**N. Y. "Olympic"**  
**Pioneer Rubber Co., 1936 Tiffin Av., Willard, O.**  
**Seiberling Latex Products Co., Akron, O.**  
**Snyder (M. L.) & Son, 1815-75 E. York, Phila.,**  
**Pa. "Arco"**  
**Surety Rubber Co., Carrollton, O.** "Surety," "Turn  
 Cuff"  
**United States Rubber Co., 1230 6th Av., New York,**  
**N. Y.**  
**Wilson Rubber Co., Canton, O.**

Arrow Products Co., Watertown, Mass.  
Edmont Mfg. Co., Coshocton, O. "Edmont," "Swag-gerettes"  
Hood Rubber Co., Inc., Watertown, Mass.  
Marsh (G. H.) Co., 1165 Massachusetts Av., Arlington, Mass.  
Michigan Mechanical Rubber Co., 6418 E. Jefferson Av., Detroit, Mich.  
Peerless Glove Co., Grand Haven, Mich.  
Pioneer Rubber Co., 1936 Tiffin Av., Willard, O. "Ebonettes"  
Quaker Wares Div. of Phila. Rust-Proof Co., 3229 Frankford Av., Phila., Pa.  
Seiberling Latex Products Co., Akron, O.  
Surety Rubber Co., Carrollton, O. "Surety"  
United States Rubber Co., 1230 6th Av., New York, N. Y.  
Wells-Lamont-Smith Corp., 1791 Howard, Chicago, Ill. "Claw Hand," "Lady's Aid"  
Wilson Rubber Co., Canton, O.

Luther (J. P.) Glove Co., Berlin, Wis.  
Morrison-Ricker Mfg. Co., Grinnell, Ia.  
Rawlings Mfg. Co., St. Louis, Mo.  
**GLOVES, Working—See Gloves, Canvas, Cotton, Etc.**

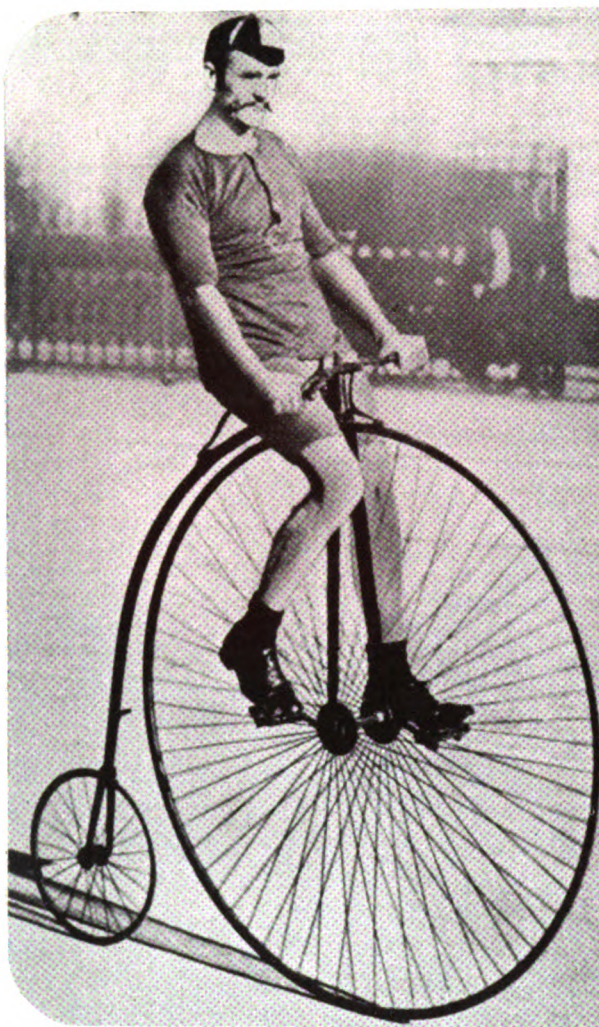
Armour Glue Wks., 1855 W. 31st, Chicago, Ill.  
Cooper (Peter) Corp., Gowanda, N. Y.  
Cudahy Packing Co., Anchor Glue Div., Dept. I,  
Chicago, Ill. "Boss," "Crown," "Rex," "Ribbon"  
Keystone Glue Co., Williamsport, Pa.  
Le Page's, Inc., Gloucester, Mass. "Le Page's"  
**GLUE BRUSHES—See Brushes, Glue**

Mason Co. of America, Div. of Borden Co., 350  
 Madison Av., New York, N. Y. "Casco"  
 Consumers Glue Co., 3320 S. Bway., St. Louis, Mo.  
 "Consumers"  
 Ferdinand (L. W.) & Co., 599 Albany, Boston.  
 Mass. "Ferdico Stanz All Joint Glue"  
 Henning-Larson Glue Co., S. Desplaines, Chicago.  
 Ill.  
 Le Page's, Inc., Gloucester, Mass. "Le Page's"  
 Monite Waterproof Glue Co., Minneapolis, Minn.  
 "Monite"  
 Perkins Glue Co., Lansdale, Pa.  
 Rogers Isinglass & Glue Co., Gloucester, Mass.  
 "Rogers"

asein Co. of America, Div. of Borden Co., 350  
Madison Av., New York, N. Y. "Casco"  
Jonite Waterproof Glue Co., Minneapolis, Minn.  
"Monite"  
erkins Glue Co., Lansdale, Pa.

len (L. B.) Co., Inc., 6719-33 Bryn Mawr Av.,  
Chicago, Ill. "Allen"  
Commercial Paste Co., Columbus, O. "Evans"  
Consumers Glue Co., 3320 S. Bway., St. Louis, Mo.  
"Consumers"  
Crescent Products Co., 315 N. 14th, Terre Haute,  
Ind. "Crescent"  
ix-All Products, Inc., 141 W. 20th, New York,  
N. Y.  
National Adhesive Corp., 820 Greenwich, New York,  
N. Y.  
Rogers Isinglass & Glue Co., Gloucester, Mass.  
"Rogers"  
Williamson Glue & Gum Wks., Chicago, Ill.





# Columbia

## —THE LEADER IN HIGH WHEELING TO STREAMLINING

63 Years of Pioneering  
Bicycle Developments

**H**ORSES SHIED, dogs barked and people gazed with amazement back in 1877 when the daring cyclist dashed down the street on one of the spectacular "high wheelers."

You may be sure he rode a Columbia—for it was the only bicycle built in this country in those days!

It was over 63 years ago when Colonel Albert Pope introduced the first American-made bicycle—and called it "Columbia", the name which has always been recognized as the Hallmark of bicycle quality. Today, when a rider

spins down the road on a new 1940 streamlined Columbia model, everyone knows Columbia is still the style and performance leader.

Columbia is America's precision-made bicycle. It has many exclusive features in construction, finish, and equipment. Columbias are built under strictest inspection standards, rigidly maintained in the largest, most modern and best equipped bicycle factory in the country.

Dealers find Columbia and Columbia-built bicycles the truly profitable line to handle. They are easier to sell—because Columbia is the best known, most widely advertised bicycle.

THE WESTFIELD MANUFACTURING COMPANY  
WESTFIELD, MASS.



AMERICA'S FIRST BICYCLE  
First in 1877 • First in 1940

### COLUMBIA LINE MOST PROFITABLE

The Columbia Line is the key to biggest bicycle profits this year. It has everything the dealers and customers want: the best known name... nationally advertised... newest styling... exclusive features... competitively priced. For increased bicycle volume, concentrate on the Columbia Line—write for particulars today.



Mention Hardware Age When Writing

Digitized by Google

WHEELS—See Hutter

Wheels

Wheels 1355 W.  
W. Corp., Gowanda  
W. Co., 1157 Cleve  
W. Co., Williamspos

Wheels

W. Co., Inc., 6719-4  
W. "Allen" (Soldier  
W. & Liquid Glue Co.  
W. Co., 110 E. 42nd, N  
W. Co., Bu

W. Co. (E. Cambridge  
W. Co., St. Louis, Mo.  
W. Co., Columbus  
W. Co., 95 Y

W. Co., Framingham  
W. Co., Buffalo  
W. Co., Chicago Falls  
W. Co., 60  
W. Co., 1157 Cleve  
W. Co., St. Paul, Min  
W. Co., 1041

W. Co., Boston, M  
W. Co., Williamspos  
W. Co., Worcester, Mas  
W. Co., McCorm  
W. Co., "One Glue"  
W. Co., Dressing Co., F

W. Co., 60 Av., New Yo  
W. Co., 820 Gre  
W. Co., Glue Co.,  
W. Co., Baltimore, Md.  
W. Co., Cement Co., In

W. Co., Albany  
W. Co., Ink Co., Pitts  
W. Co., 2906 Charle  
W. Co., Gun Wks., C

W. Co., 599 Albu  
W. Co., Glue  
W. Co., 1355 W. 31st  
W. Co., Div. of  
W. Co., New York, N. Y.  
W. Co., 599 Albu  
W. Co., 911 Wester  
W. Co., Min  
W. Co., Landale, Pa.  
W. Co., Dept. H, 81  
W. Co., 228 N. La Sall  
W. Co., Pittsburg  
W. Co., Chicago  
W. Co., West B'way, Ne  
W. Co., Monmouth, Ill.  
W. Co., John & F  
W. Co., Utica  
W. Co., St. Charles, Ill.  
W. Co., 218 Chestnut, S  
W. Co., St. Louis, Mo.  
W. Co., Bro., Chicopee, M  
W. Co., Brockton, Ma  
W. Co., Carriages, Baby  
W. Co., Carts, Co. Dol  
W. Co., 275 8th, San F  
W. Co., 2308 Warre



**GLUE HEATERS—See Heaters, Glue**

**GLUE, Hide**

Armour Glue Works, 1355 W. 31st, Chicago, Ill.  
Cooper (Peter) Corp., Gowanda, N. Y.  
Franklin Glue Co., 1157 Cleveland Av., Columbus, O. "Franklin"  
Keystone Glue Co., Williamsport, Pa.

**GLUE, Liquid**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen" (Solder Form)  
American Gum & Liquid Glue Co., 123 William, New York, N. Y.  
Arabol Mfg. Co., 110 E. 42nd, New York, N. Y.  
Buffalo Standard Ink Corp., Buffalo, N. Y. "Standard"  
Carter's Ink Co. (E. Cambridge), Boston, Mass.  
Chiba Mfg. Co., St. Louis, Mo.  
Commercial Paste Co., Columbus, O. "Copasco"  
Davids (Thaddeus) Ink Co., 95 Vandam, New York, N. Y.  
Dennison Mfg. Co., Framingham, Mass.  
Doid (Jacob) Packing Co., Buffalo, N. Y.  
Falls Mfg. Co., Chippewa Falls, Mass. "Crystaloid"  
Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass. "Ferdico-Jefferys"  
Franklin Glue Co., 1157 Cleveland Av., Columbus, O. "Franklin"  
Fuller (H. B.) Co., St. Paul, Minn.  
General Cement Mfg. Co., 1041 Kilburn Av., Rockford, Ill.  
International Glue Co., Boston, Mass.  
Keystone Glue Co., Williamsport, Pa.  
Le Page's, Inc., Gloucester, Mass. "Le Page's"  
McCormick Sales Co., McCormick Bldg., Baltimore, Md. "Iron Glue"  
Magnet Cement & Dressing Co., Primos, Pa. "Peerless"  
Mals, H. A., 65 5th Av., New York, N. Y. "Seccotine"  
National Adhesives Corp., 820 Greenwich, New York, N. Y.  
Rogers Insinglass & Glue Co., Gloucester, Mass. "Rogers"  
Royal Glue Co., Baltimore, Md.  
St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X"  
Sure-Grip Adhesives Co., Albany, N. Y.  
Swearingen (J. C.) Ink Co., Pittsburgh, Pa.  
Tector Cement Co., 2305 Charles, Rockford, Ill. "Tector's"  
Williamson Glue & Gum Wks., Chicago, Ill.

**GLUE, Marine**

Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass. "Ferdico-Jefferys"  
**GLUE POTS—See Pots, Glue**

**GLUE, Powdered**

Armour Glue Wks., 1355 W. 31st, Chicago, Ill.  
Casein Co. of America, Div. of Borden Co., 350 Madison Av., New York, N. Y. "Casco"  
Cooper (Peter) Corp., Gowanda, N. Y.  
Cudahy Packing Co., Anchor Glue Div., Dept. I, Chicago, Ill. "Anchor"  
Monite Waterproof Glue Co., Minneapolis, Minn. "Monite"  
Perkins Glue Co., Lansdale, Pa.

**GLUE, Waterproof**

Casein Co. of America, Div. of Borden Co., 350 Madison Av., New York, N. Y. "Casco"  
Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass. "Ferdico-Jefferys"  
Larcks (I. F.), Inc., 911 Western Av., Seattle, Wash. "Lauzein"  
Monite Waterproof Glue Co., Minneapolis, Minn. "Monite"  
Perkins Glue Co., Lansdale, Pa.  
Stay-Tite Products Co., Dept. H, 3107 Detroit Av., Cleveland, O. "Stay-Tite"  
Tamsa Silica Co., 228 N. La Salle, Chicago, Ill.  
Technical Products Co., Pittsburgh, Pa. "Saver-Eiser"  
Williamson Glue & Gum Wks., Chicago, Ill.

**GOALS, Basketball**

Arch-Horne Co., 25 West B'way, New York, N. Y.  
Erksen Textile Co., Momenca, Ill.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Ren-Wel Sporting Goods Co., Utica, N. Y.  
Lilbridge Mfg. Co., St. Charles, Ill.  
McLair Co., St. Louis, Mo.  
Nonpareil Mfg. Co., 216 Chestnut, St. Louis, Mo.  
Rawlings Mfg. Co., St. Louis, Mo.  
Sauling (A. G.) & Bros., Chicopee, Mass.  
Sall & Dean Mfg. Co., Brockton, Mass.  
**GO-CARTS—See Carriages, Baby**  
**GO-CARTS, Doll—See Carts, Go, Doll**  
**GO-CART TIRES—See Tires, Go-Cart**

**GOGGLES, Industrial Workers'**

American Optical Co., Southbridge, Mass. "Duralite", "Duralite", "Duralite", "Dustsafe", "Full-Vue", "Saniglas"  
Eisenstein, Elias, 177 Nassau, Bklyn., N. Y.  
Fisher (Harry), Inc., 22 Bergen, Bklyn., N. Y.  
Fisher-Weight, "Rido Dust", "Rido Dust Jr.", "Rido Ray", "Rido Risk"  
Boland (E. D.) Co., 278 8th, San Francisco, Cal.  
Chicago Eye Shield Co., 2308 Warren Blvd., Chicago, Ill.

Cover, H. S., Chippewa Av., South Bend, Ind. "Nod and Shake"  
Dockson (C. H.) Co., 2385 E. Grand Blvd., Detroit, Mich.  
Linde Air Products Co., 30 E. 42nd, New York, N. Y.  
Safety Equipment Service Co., 1226 St. Clair Av., N. E., Cleveland, O. "Super-Drednaut"  
Sellsstrom Mfg. Co., 342 N. Ogden Av., Chicago, Ill.  
Shuron Optical Co., Inc., 200 Lyceum, Geneva, N. Y.  
Testrite Inst. Co., 57 E. 11th, New York, N. Y.  
Welsh Mfg. Co., 54 Troy, Providence, R. I.  
Willson Products, Inc., Reading, Pa. "Super-Tough", "Willson-Weld"

**GOGGLES, Swimming**

American Spectacle Co., Inc., 136 W. 52nd, New York, N. Y. "Aqua-Gog"  
Chicago Eye Shield Co., 2306 Warren Blvd., Chicago, Ill.  
Cover, H. S., Chippewa Av., South Bend, Ind.  
Welsh Mfg. Co., 54 Troy, Providence, R. I. "Olympic"

**GOLD POWDERS—See Powders, Bronze, Gold, Aluminum, Etc.**

**GOLF BAG LOCKS—See Locks, Golf Bag**  
**GOLF BAGS—See Bags, Caddy**  
**GOLF BALL MARKERS—See Markers, Golf Ball**  
**GOLF BALLS—See Balls, Golf**  
**GOLF CLUBS—See Clubs, Golf**  
**GOLF GAMES, Toys—See Games, Golf, Toy**  
**GOLF GLOVES—See Gloves, Golf**  
**GOLF GREEN RAKES—See Rakes, Putting Green**  
**GOLF SETS, Children's—See Sets, Golf, Children's**  
**GOLF SETS, Portable—See Sets, Golf, Portable**  
**GOLF SHAFTS—See Shafts, Golf**  
**GOLF SHOES—See Shoes, Golf**  
**GOLF TEE CLIPS—See Clips, Golf Tee**  
**GOLF TEES—See Tees, Golf**  
**GOOSE CALLS—See Calls, Goose**  
**GOOSE, Tailors—See Irons, Sad, Electric**  
**GOOSENECK WRECKING BARS—See Bars, Wrecking**  
**GOPHER TRAPS—See Traps, Gopher**

**GOUGES, Carpenters'**

Buck Bros., Millbury, Mass.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Shamrock" (British)  
Gardner Mach. Wks., Gardner, Mass.  
Greenlee Tool Co., Rockford, Ill.  
Mack Tool Co., Inc., East Rochester, N. Y. "D. R. Barton"  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Shark" (Swedish)  
Swan (Jas.) Co., Seymour, Conn.  
Tuck Mfg. Co., Brockton, Mass.  
Union Hdw. Co., Torrington, Conn.  
White (L. & J. J.) Co., Div. of the Simonds-Worden White Co., Dayton, O.  
Winsted Edge Tool Wks., Winsted, Conn. "Witherby"

**GOUGES, Tree Surgeons'**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
Buck Bros., Millbury, Mass.  
Greenlee Tool Co., Rockford, Ill.  
Swan (Jas.) Co., Seymour, Conn.  
**GRAB HOOKS—See Hooks, Chain**  
**GRABS, Nail—See Claws and Grabs, Nail**

**GRABS, Oyster**

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.

**GRADERS, Corn Seed**

Auto Compressor Co., Wilmington, O. "Duplex", "Simplex"  
Cleland Mfg. Co., 2800 Wash. Av., Minneapolis, Minn. "Expert"  
Ferrell (A. T.) & Co., Saginaw, Mich. "Clipper"  
Flach (S. A.), 3044 S. 44th, Milwaukee, Wis. "Webber"  
Hunnicutt (Chas.) Co., Wilmington, O. "Double Rotary", "Perfection 4 Grade"  
Standard Mfg. Co., Cedar Falls, Ia. "Trojan"  
Universal Hoist & Mfg. Co., Cedar Falls, Ia. "Morecorn"

**GRADERS, Egg**

Brower Mfg. Co., Quincy, Ill. "Gradenway"  
Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
Exact Weight Scale Co., Columbus, O.  
Gradencandle Mfg. Co., Lynn, Mass.  
Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
Jiffy-Way Products, 2442 Bryant Av., S., Minneapolis, Minn.  
Oakes Mfg. Co., Inc., Tipton, Ind.  
Otto (H. J.) Mfg. Co., 500 N. First, Evansville, Ind. "Sixers"  
Philadelphia Metal Works, Inc., 1602 Hunting Park Av., Phila., Pa.  
Prospectus Mfg. Co., 1900 Riverside Av., Minneapolis, Minn. "Masco"  
Sheer (H. M.) Co., Quincy, Ill.  
Specialty Mfg. Co., St. Paul, Minn. "Acme", "Unique"

**GRAIN CRADLES—See Cradles, Grain**  
**GRAIN SCOOPS—See Scoops, Grain**  
**GRAINING COMBS—See Combs, Grain**  
**GRAINING ROLLERS—See Rollers, Grain**  
**GRAFTING COMPOUNDS—See Compounds, Pruning & Grafting, Tree Surgeons'**  
**GRAFTING TOOLS—See Tools, Grafting**  
**GRAFTING WAX—See Wax, Grafting**

**GRANULES, Roofing**

Central Commercial Co., 332 S. Michigan Av., Chicago, Ill. "Sta-So"

**GRANULES, Roofing, Slate**

Central Commercial Co., 332 S. Michigan Av., Chicago, Ill. "Sta-So"

**GRAPE PRESSES—See Presses, Fruit**  
**GRAPEFRUIT KNIVES—See Knives, Grapefruit**  
**GRAPEFRUIT PEELERS—See Peelers, Orange & Grapefruit**  
**GRAPHITE GUNS—See Guns, Graphite**

**GRAPHITE, Lubricating**

Acheson Colloids Corp., 2150 Washington Av., Port Huron, Mich.  
Acheson Graphite Corp., 30 E. 42nd, New York, N. Y.  
Cummings Moore Graphite Co., 1646 Green, Detroit, Mich.  
Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
Pettinos (Chas.), 1 E. 42nd, New York, N. Y.  
Pettinos (Geo. F.), Inc., 1200 Locust, Phila., Pa.  
Superior Flake Graphite Co., 33 S. Clark, Chicago, Ill. "Superflake"  
United States Graphite Co., Saginaw, Mich.  
**GRAPHITE PAINTS—See Paints, Graphite**  
**GRAPPLING HOOKS—See Hooks, Grappling**

**GRASS, Artificial**

Elk Supply Co., Inc., 41 W. 26th, New York, N. Y.  
Weeks-Howe-Emerson Co., San Francisco, Cal.  
**GRASS CATCHERS—See Catchers, Grass**  
**GRASS HOOKS—See Hooks, Grass**  
**GRASS SEED—See Seed, Lawn**  
**GRASS SEED SOWERS—See Sowers, Grass Seed, Hand**  
**GRASS SHEARS—See Shears, Grass**  
**GRASSHOPPERS, Preserved—See Baits, Fish, Preserved**

**GRATERS, Cheese**

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y.  
Baccellieri Bros. Mfg. Co., Berlin, N. J.  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
De Hymel Mfg. Co., Ltd., 3440 E. Foothill Blvd., Pasadena, Cal. "Streamline"  
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"  
Foley Mfg. Co., 11 Main, N.E., Minneapolis, Minn.  
Houchin (Thos. W.) Corp., 9 McPherson Pl., Jersey City, N. Y.  
Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo. "Schroeter's"  
Washburn Co., Worcester, Mass. "Androck"

**GRATERS, Nutmeg**

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y.  
De Hymel Mfg. Co., Ltd., 3440 E. Foothill Blvd., Pasadena, Cal. "Streamline"  
Dixon Specialties, Inc., 71 W. 23rd, New York, N. Y.  
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"  
Hamblin & Russell Mfg. Co., Worcester, Mass. "New Rapid", "Unique", "Yankee"  
Hamilton Metal Products Co., Hamilton, O.  
Read Mfg. Co., York, Pa. (Electric)  
Washburn Co., Worcester, Mass. "Androck"

**GRATERS, Vegetable, Etc.**

(See also Slicers, Fruit and Vegetable)  
Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y.  
Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Bromwell Wire Goods Co., Cincinnati, O. "Star"  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill. "5 in 1"  
Chief Products Co., 701 E. 59th, Los Angeles, Cal. "Chief"  
Crescent Scoop Mfg. Co., Phila., Pa.  
De Hymel Mfg. Co., Ltd., 3440 E. Foothill Blvd., Pasadena, Cal. "Streamline"  
Dixon Specialties, Inc., 71 W. 23rd, New York, N. Y. "Wonder"  
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"  
Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Griscer Industries, Fort Wayne, Ind. "Griscer"  
Hamilton Metal Products Co., Hamilton, O. "Climax"  
Hoe Corp., Poughkeepsie, N. Y. "Merryway" (Electric)

# WINCHESTER

## SHOTGUNS — Leaders in Popularity



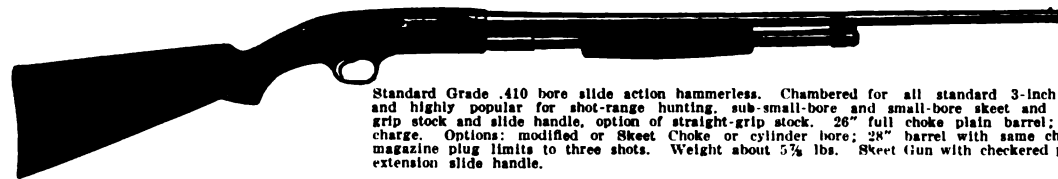
**MODEL 12 HAMMERLESS REPEATER**

Famous as "The Perfect Repeater" because of its close, hard shooting, fine balance, smooth action, superior mechanical design. One-piece receiver, closed top and rear. Short, solid breech bolt. Hammerless, triple-safety action. Simple take-down. Walnut stock, full pistol grip, full rounded comb, rubber butt plate; walnut slide handle. Plain barrel, length 32, 30, 28 or 26" in 12 ga.; 30, 28, 26" in 16 or 20 ga.; 28 or 26" in 28 ga. Choice of full choke, modified, improved modified, improved cylinder, cylinder or skeet bore; except 28 ga. with choice of full choke, modified or cylinder or skeet bore. Also comes with matted rib barrel, at extra charge. Five-shot magazine—with shell in chamber gives six shots. Removable wooden plug limits to three shots.



**MODEL 12 SKEET GUN**

Standard Grade Model 12 Skeet Gun, designed specially for skeet and upland game. Receiver sand blasted on top. Barrel 26" with solid raised matted rib and Winchester special Skeet Choke. Also furnished (A) in 12, 16 and 20 gauges with plain barrel; (B) in 12 ga. only with plain barrel and semi-beavertail slide handle; (C) in 12 ga. only with 26 3/4" ventilated rib barrel. (D) 12, 16 and 20 ga. with Cutts Compensator attached to plain barrel with muzzle shoulder. Compensator in choice of regular steel, bright or blackened aluminum alloy. Skeet stock with hard rubber butt plate; full pistol grip, checkered, with hard rubber cap. Checkered extension slide handle. Sights, Bradley 3/4 inch red bead front and metal middle; except gun with Compensator has metal front and no middle sight. Regular five shot magazine and removable plug. 28 ga. chambered for 2 3/4" shells, all others for 2 3/8".



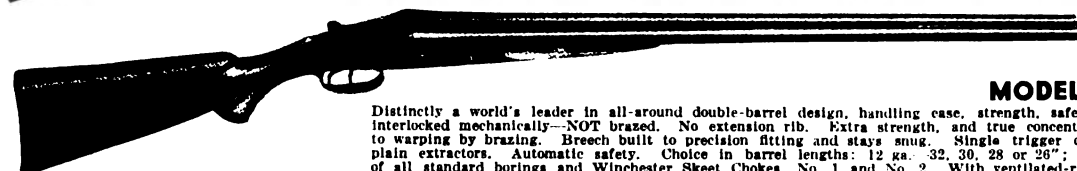
**MODEL 42 REPEATER**

Standard Grade .410 bore slide action hammerless. Chambered for all standard 3-inch and 2 1/4-inch .410 shells. Practical and highly popular for shot-range hunting, sub-small-bore and small-bore skeet and for hand-trap practice. Walnut pistol-grip stock and slide handle, option of straight-grip stock. 26" full choke plain barrel; with solid raised matted rib at extra charge. Options: modified or Skeet Choke or cylinder bore; 28" barrel with same choice in boring. Six shots. Removable magazine plug limits to three shots. Weight about 5 1/2 lbs. Skeet Gun with checkered pistol grip or straight grip and checkered extension slide handle.



**MODEL 97 REPEATER**

Long a favorite all-around farm gun. In appropriate boring and with right shells, a famous turkey, fox and deer gun. With hammer at safety half-cock, gun is locked against opening. Comes in 12 and 16 gauges, with same choice in barrel lengths and boring as 12 and 16 ga. Model 12. Walnut stock and slide handle. Chambered for 2 3/4" shells. Five shells in magazine, one in chamber make six-shot repeater. Removable 3-shot magazine plug.



**MODEL 21 DOUBLE BARREL**

Distinctly a world's leader in all-around double-barrel design, handling ease, strength, safety and shooting ability. Barrels are interlocked mechanically—NOT brazed. No extension rib. Extra strength, and true concentricity because barrels are not subject to warping by brazing. Breech built to precision fitting and stays snug. Single trigger or double, with selective ejectors or plain extractors. Automatic safety. Choice in barrel lengths: 12 ga. 32, 30, 28 or 26"; 16 and 20 ga.—30, 28 or 26". Choice of all standard borings and Winchester Skeet Chokes. No. 1 and No. 2. With ventilated-rib barrels, at extra charge. In 12 ga. 32", 30" or 28"; 16 or 20 ga. 26". Checkered walnut pistol-grip stock and forend. Chambered for 2 3/4" shells. Winchester 81A front sight with option of 81D front sight with 94B middle sight. Extra sets of barrels and forend can be furnished. Weight (with 30" barrels): 12 ga.—about 7 1/2 lbs.; 16, 20 ga.—about 6 1/2 lbs. Special Skeet Gun in Standard grade, same gauges. Special Duck Gun in 12 ga. only.



**MODEL 40 AUTOMATIC**

Standard Grade Model 40 Automatic (Self-Loading), 12 gauge only. Handsomely streamlined new design, with advantages that make it the outstanding gun of its type in smoothness of operation, natural handling feel and shooting superiority. Plain barrels. Winchester-Proof steel barrel, 30" or 28", choice of full choke or modified choke. New design American walnut stock with full pistol grip; long, full size, matching forearm of semi-beavertail design. Magazine capacity of four shells; one in chamber makes this a five-shot repeater. Furnished with wooden magazine plug to reduce capacity to three shots where required or desired. Weight, approximately 8 lbs. Also furnished in Skeet Gun style, with checkered grip and forearm, and special plain unchoked barrel with forged muzzle shoulder, threaded for and equipped with Cutts Compensator. Over-all barrel length 24". Choice of regular steel, bright or blackened aluminum alloy compensator.



**MODEL 24  
DOUBLE BARREL**

New design Winchester double, built for all-around use, to retail at moderate cost. New, distinctive streamlined design. Barrels are set down into the frame, with no overhang at sides. Stock and forend streamlined to frame and barrels. Standard in 12 gauge with 30 inch barrels; boring, right modified choke, left full choke. Also comes in 12 ga. 28" same boring, 28" or 26" cylinder and modified; 16 and 20 ga. 28" modified and full choke, 26" cylinder and modified. High-grade steel in all metal parts. Extra strong frame, machined from a solid forging. Large barrel lug, forged solid with barrels. Forend lug electrically welded to barrels—exclusive with Winchester. New sliding type locking bolt. Hammerless, exceedingly fast, specially developed Speed Locks have short-throw straight-line firing pins, retracted on first opening movement of top lever. Rugged, extra large hinge construction. Automatic thumb-slide safety. Stock with full pistol grip and semi-beavertail forend of genuine American walnut. Non-glare rib. Shoots all standard regular and high-speed loads. Weight, about 7 1/2 lbs. Quick take down.



**MODEL 37  
SINGLE SHOT**

All metal parts are made of sturdy steel. Low in price, hard shooting. Modern, super strong design in bolting, lock construction and assembly. Bolting parts and forged barrel lug are double-size. Top-lever breakdown with pivot bolting. Semi-hammerless lock; low safety cocking-lever well forward on tang. Double-action automatic ejection by spring power. Genuine walnut stock with pistol grip and composition butt plate. Large, rounded walnut forend of even diameter fits any reach. Winchester proof-marked steel barrel is full choke. Barrel lengths: 12, 16 and 30 ga.—32, 30 or 28"; 28 ga.—30 or 28"; .410 bore—28 or 26". Chambered for all standard loads, regular and high power. Take down. Weight (12 ga., 30" barrel), about 6 1/2 lbs.

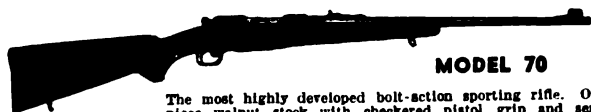
**WINCHESTER REPEATING ARMS COMPANY** **NEW HAVEN, CONN., U.S.A.**  
DIVISION OF WESTERN CARTRIDGE COMPANY

Mention Hardware Age When Writing



# WINCHESTER

## RIFLES—Leaders in Popularity



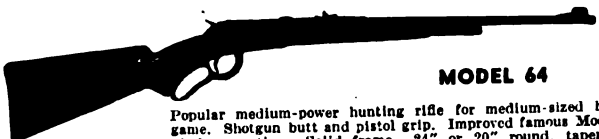
**MODEL 70**

The most highly developed bolt-action sporting rifle. One-piece walnut stock with checkered pistol grip and semi-beavertail forestock. Solid frame. Fast-handling upturn and pull-back improved Mauser type bolt; handle clears standard 'scope sights. Target type Speed Lock, cocks on opening lift of bolt. Thumb-operated safety, working horizontally. Box-type 5-shot (4 in magnums) magazine. Lyman 31W Gold Bead front sight on ramp with detachable cover. Winchester open rear sight. Receiver drilled for Lyman 57W or 48WJS sight. Standard and Super Grades in these calibers: .22 Win. Hornet; .220 Win. Swift; .250-3000 Sav.; .257 Win.-Roberts; .270 Winchester; 7mm.; .30 Gov't '06; .300 H. & H. Mag.; .375 H. & H. Mag.



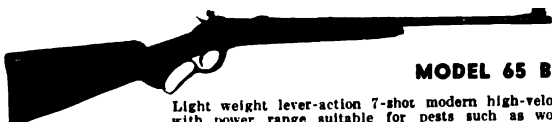
**MODEL 71**

Lever action universal big game hunting rifle, caliber .348 Win. only. Choice of three cartridges. Developed from long famous Winchester Model 86. Checkered pistol grip and forestock. Round, tapered, 24" or 20" barrel. Four-shot tubular magazine. Lyman Gold Bead front sight on ramp, with demountable cover. Winchester fully-adjustable peep sight on breech bolt or option of open sight on barrel. One-inch N.R.A. leather gunslings. Solid frame. Weight about 8 lbs.



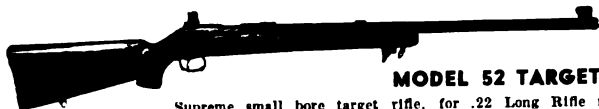
**MODEL 64**

Popular medium-power hunting rifle for medium-sized big game. Shotgun butt and pistol grip. Improved famous Model 54 lever action. Solid frame. 24" or 20" round, tapered barrel. Tubular magazine. 6-shot repeater, chambered for .25-35, .30 (30-30) Win. or .32 Win. Special. Bead front sight on ramp with detachable cover, and open sporting rear sight. Also new .219 Zipper caliber, with 23" barrel and peep sight on bolt. Weight, 7 to 7½ lbs. Model 64 Deer Rifle, specially designed, with quick-detachable 1" leather sling, in .30 Win. or .32 Win. Special, with standard sights and barrel lengths. Also comes with 20" barrel and with Lyman 56 receiver sight.



**MODEL 65 BEE**

Light weight lever-action 7-shot modern high-velocity rifle with power range suitable for pests such as woodchucks, jackrabbits, coyotes, and small game. Stock for best accuracy in both quick and deliberate shots. Smooth Model 92 type action, with light trigger pull. Chambered for Winchester .218 Bee center fire cartridges. 24-inch round, tapered barrel. Tubular magazine. Solid frame. Covered bead front sight on ramp base; rear peep sight on breech bolt. Weight about 6½ lbs. With 22-inch barrel and open sporting rear sight, 8 shots, chambered for .25-20 or .32 (.32-20) Win.



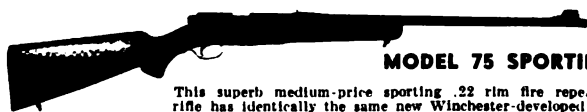
**MODEL 52 TARGET**

Supreme small bore target rifle, for .22 Long Rifle rim fire cartridges only. Military type. Solid, heavy one-piece walnut stock. 28" barrel. Improved bolt action with Speed Lock. 5-shot box magazine. Three types—Standard Target, Heavy Barrel Match, as shown, with Marksman stock, and Bull Gun. Wide range of selection in sights. Weights, 10, 12, 12½ lbs. approx. Model 52 Sporting, superbly stocked and finished, weight about 7½ lbs. Solid frame only.



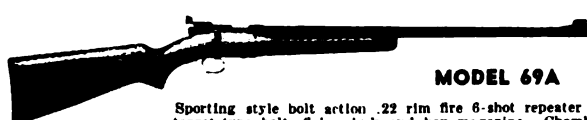
**MODEL 75 TARGET**

Newest Winchester .22 rim fire target rifle. Medium weight and price. Styled similar to Model 52. New, specially designed Speed Lock has only 2/10ths inch firing pin travel. Thumb type safety lever. Standard with new Winchester 99-A telescope-height front sight, covered, with interchangeable target post and aperture inserts; new Winchester 84-A telescope-height extension receiver peep sight, with micrometer adjustments. Complete with army type gunslings. Weight about 8 lbs. 10 ozs.



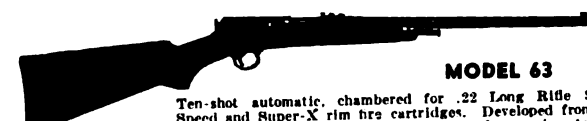
**MODEL 75 SPORTING**

This superb medium-price sporting .22 rim fire repeating rifle has identically the same new Winchester-developed bolt action with Speed Lock as the Winchester Model 75 Target Rifle, and same target-type box magazine. Chambered for .22 Long Rifle cartridges. Beautifully designed sporting stock of American walnut with checkered pistol grip with cap and checkered long, deep semi-beavertail forearm. Swivel bows for standard-size gunslings. 24" round, tapered barrel with forged ramp front sight base. Sights, front has non-tarnishable metallic bead and quick detachable steel cover; rear either open sporting type on barrel or, at extra charge, Lyman 57E receiver sight, mounted at rear of receiver. Weight about 6½ lbs.



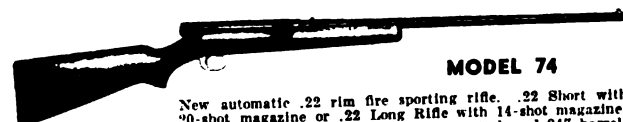
**MODEL 69A**

Sporting style bolt action .22 rim fire 6-shot repeater with target-type bolt, firing lock and box magazine. Chambered for Long Rifle, Long and Short cartridges. Full size one-piece walnut stock with pistol grip and semi-beavertail forearm. Round, tapered 25" barrel. Winchester No. 97B metallic bead front sight on non-glare ramp base. Winchester No. 80A adjustable rear peep sight on rear of receiver. Optional, open sporting rear sight on barrel instead of peep sight. Two detachable magazines, one for Long and Long Rifle cartridges, one for Shorts. Take down. Weight about 6 lbs.



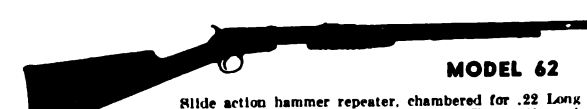
**MODEL 63**

Ten-shot automatic, chambered for .22 Long Rifle Super Speed and Super-X rim fire cartridges. Developed from the famous Winchester Model 63. Supreme for moving targets and running small game. Walnut stock with pistol grip; wide, deep forearm, 23" round tapered barrel. Lyman Gold Bead front sight No. 31W with 5-64 inch bead. Winchester adjustable open sporting rear sight with sliding elevator. Easy loading straight-feed tubular magazine in butt-stock. Take down only. Weight about 5½ or 5¾ lbs.



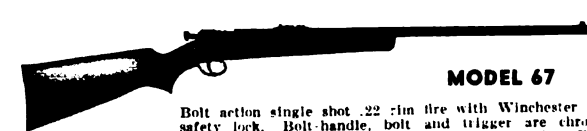
**MODEL 74**

New automatic .22 rim fire sporting rifle. .22 Short with 20-shot magazine or .22 Long Rifle with 14-shot magazine. Full man's size with rugged one-piece stock and 24" barrel. Straight-feed tubular magazine, in butt-stock, with loading port on right side. New cross-gun safety, on top of receiver. Bolt assembly instantly removable in one unit. Standard Model 74 supplied with Winchester 75-C front sight with non-tarnishable bead and Winchester open sporting rear sight No. 32-B, with sliding elevator. At slight increased cost, comes with new Winchester No. 88-A rear peep sight, mounted on bolt-stop plug. Weight, about 6½ lbs.



**MODEL 62**

Slide action hammer repeater, chambered for .22 Long Rifle, Long and Short rim fire cartridges. Fast action, durable, dependable. Shotgun type walnut stock with composition butt plate; walnut hand-fitting slide handle. Round, tapered, 23-inch barrel. Take down only. Winchester metallic bead front sight; open sporting rear sight. Magazine holds 14 Long Rifle, 16 Long or 20 Short cartridges. Also chambered specially for .22 Short only. Weight about 5½ lbs.



**MODEL 67**

Bolt action single shot .22 rim fire with Winchester 4 way safety lock. Bolt-handle, bolt and trigger are chromium plated. One-piece walnut stock with pistol grip. Round, tapered 27-inch barrel. Non-tarnishing bead front sight. Winchester open sporting rear sight with sliding elevator. Chambered for .22 Short, Long and Long Rifle cartridges, used interchangeably. Also for .22 W.R.F. only. Take down. Weights about 5 lbs. Model 67 Junior, has stock with 12" instead of 13½" pull, barrel 20" instead of 27". Model 68 is same as Model 67 except has special sight equipment. Model 677 is the Model 67 without iron sights, instead having Winchester 2¾ or 5 power telescope sight.

—WINCHESTER REPEATING ARMS COMPANY—NEW HAVEN, CONN., U.S.A.—  
DIVISION OF WESTERN CARTRIDGE COMPANY

Mention Hardware Age When Writing



# WINCHESTER

## SHOT SHELLS—World Standard



### LEADER SUPER SPEED STAYNLESS

Leader Super Speed Shells are famous heavy loads which are especially popular for long range waterfowl and pheasants and for handicap shooting at pigeons. Loaded for highest velocity and maximum range. Short shot string, giving exceptionally hard-hitting balanced pattern. Patented high brass base. Staynless priming. Modern, progressive-burning smokeless powders. Seal-Tite composition wads. BB and chilled shot only. Loaded in 12, 16, 20 gauges. In 3-inch length, loaded in 12 gauge only. Red body imprinted with the Winchester Super Speed design. Not intended for short range.

### SUPER SPEED STAYNLESS

Extreme range, speed and hitting power, with short shot string. Loaded for all long range game shooting, including buckshot loads for deer, and single ball loads. Very popular for late-season large ducks, long range pheasants, turkeys geese, white hares. Staynless primers. Modern progressive-burning powders. Patented Seal-Tite composition wads, except in 28 and 410 gauges. Chilled shot and BB. Patented corrugated brass base. Red body with Super Speed imprint. 10, 12, 16, 20, 28 and 410 gauges.

### SUPER SPEED RIFLED SLUG SHELLS

Twice the effective accuracy, with higher sustained velocity (hence greater striking energy), when used in place of solid round single ball loads. Hollow-base rifled slug rotates by air friction in its rifling. Adapted to all standard shotgun barrels built for high-power loads—full choke, modified, improved modified, improved cylinder or cylinder bore. 12, 16, 20 gauges or .410. Red body. Super Speed imprint. Packed 5 shells to the carton (carton purchasable separately at retail), in boxes of 5 cartons.

### LEADER STAYNLESS

For two generations, the popular favorite of discriminating shooters. High patented corrugated base and red case. Staynless primer—sure-fire, quick, complete ignition. Standard smokeless powders. Patented Seal-Tite composition wads. Chilled or soft shot. Wide selection of loads for field shooting. Furnished in 12, 16 and 20 gauges.

### RANGER STAYNLESS

For shooting in which economy is important. Winchester Ranger Staynless Shells give exceptional value. A hard-hitting general-purpose smokeless shell of Winchester quality, for all average hunting conditions. Made with typical Winchester precision, of high-grade materials and under strict scientific control of ballistics, manufacturing and loading. Maintaining in them the high standard of performance for which Winchester Shells are known the world over. Brass base with two corrugations. Red body. Staynless priming. Regular field loads with soft and chilled shot in 10, 12, 16, 20 and 28 gauges; in 12 ga. also BB; Brush Loads in 12, 16 and 20.

### RANGER SUPER SKEET LOADS

Newest Winchester development in skeet shells, with all-range pattern control. New Winchester Super Seal crimp, in combination with Seal-Tite wads and Flightometer-control loading, insures holeproof patterns at all skeet ranges—maintains uniform spread from center through pattern fringe, preventing over-concentration in center. Special new scuff-proofing, protects shells from wet and scuffing in pocket or shell box, maintains quick, easy loading. Red body imprinted with Winchester Super Skeet design. Brass base with two corrugations. 12, 16 and 20 gauges with standard skeet loads. Choice of Minimax, Red Dot or MX powder. In 28 gauge, Ranger skeet loads in regular Ranger loading.

### RANGER SUPER TRAP SHELLS

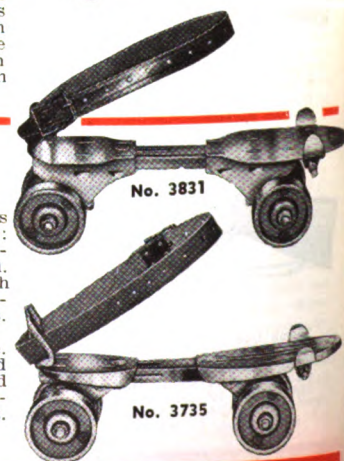
Four major developments are combined in Winchester Ranger Super Trap shells, comprising Winchester's newest contribution to pattern improvement for trap shooting. Loaded under these new principles, Ranger Super Trap shells have remarkable new all-yardage control of uniform pattern spread. Overconcentration, or "doughnut" patterns, are done away with. Every shell gives sustained even distribution of shot—from center through pattern fringe—at all distances. Extreme variations are eliminated. New Winchester Super Seal crimp, with Seal-Tite wads and Flightometer-control loading, insure holeproof patterns. Special new scuff-proofing, protects shell from wet and rough handling, insures easy loading. Red body imprinted with Winchester Super Trap design. Brass base with two corrugations. Handicap loads with Kopperklad shot in 12 ga., 3 and 3½ dram equivalent, 1¼ oz. shot.



## Sell **WINCHESTER** Roller Skates

Winchester roller skates—the skates "with a backbone"—are designed to please your customers with long service, ease and comfort and strength. Every Winchester roller skate has precision formed, sturdy steel ball bearings that insure free running and ease in skating. They are built with either full girder frame or modified girder construction, either assuring ability to stand up under hard service. The wheels are made with full width, double tread that, by actual test, gives maximum mileage. Live rubber shock absorbers make for greater comfort and ease of skating. Winchester roller skates give you an excellent selection of styles

to meet with complete satisfaction the demands of your trade. Here are two popular numbers: No. 3831—Heavy duty roller skate with reinforced girder frame. Chassis nickel plated. Heel and toe plate buffed bright. Fitted with live-rubber shock absorbers. Winchester maximum mileage double row ball bearing rolls. Free wheeling. No. 3735—Streamlined girder roller skate. Maximum strength with light weight achieved through Winchester bridge construction and reinforced girder frame. Double row ball bearing rolls with wide, double thickness treads. Large, live rubber shock absorbers.



**WINCHESTER REPEATING ARMS COMPANY,**  
DIVISION OF WESTERN CARTRIDGE COMPANY, NEW HAVEN, CONN., U.S.A.

Mention Hardware Age When Writing  
Digitized by Google



# WINCHESTER

## METALLIC AMMUNITION—Famous for Accuracy

### CENTER FIRE CARTRIDGES

First in importance are the new Winchester Super Speed Silvertip bullet group of big-game hunting cartridges. Winchester Super Speed loading to maximum velocity and power standards, with the added advantage of the sensational new Silvertip bullet. The Silvertip, double jacketed and double knurled, is the newest development in big-game hunting bullets of the mushroom type. Its advantages are controlled expansion in combination with assured deep penetration and minimum loss of bullet weight within the game animal shot. Encased nose resists expansion until bullet has passed through hide and tough outer muscle tissues. Expansion follows as the bullet enters deeper, in the vital organs, but disintegration or breaking up is prevented by the outer secondary jacket. Furnished in fifteen popular high-power calibers, with a total of eighteen different cartridges.

Regular Winchester Super Speed Staynless and regular Staynless center fire cartridges, including standard types of bullets, round out a full line in the popular standard calibers for rifles, pistols and revolvers. All are accurately loaded to the most advanced ballistic standards and to give full rated velocities. Staynless non-mercuric priming, which provides double protection: First, full protection against rust or corrosion in the firearm bore. Next, greatly increased sensitivity and stability, and non-injurious to cartridge cases. With these vital modern advantages are scientifically combined highest development of accuracy and dependability, for which Winchester Metallic Cartridges have held world-wide recognition for three-quarters of a century.

All the sensational high-velocity, flat-trajectory, super-power Winchester newcomers and, as well, a full line of the higher velocity cartridges of older calibers. Among the former: .270 Win., .348 Win., .257 Wfn.-Roberts, .300 and .375 H. & H. Magnum, .220 Win. Swift, .219 Win. Zipper, .218 Win. Bee. In older calibers: Super Speed .30 Gov't '06, Super Speed .30 Army, Super Speed .30 Win., Super Speed .32 Win. Spl., Super Speed .250-3000 Savage, and many others.

Order Winchester Staynless Cartridges for all your center fire rifle shooters.

Likewise in center fires for revolvers and pistols—Winchester Staynless Non-Mercuric Cartridges have what it takes for highest customer satisfaction. Order for sustained growing demand.

### RIM FIRE CARTRIDGES

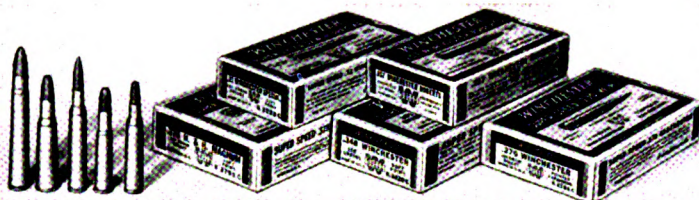
For the general run of customers, order the popular Winchester Leader Staynless .22s, in Short, Long and Long Rifle sizes, with lead greased bullets. New bullet design gives flatter shooting, with superb accuracy.

Order Winchester Staynless Super Speeds for the supreme development in high-velocity, long-range, super-power .22s. Maximum loading, with its full advantages in speed and power over .22s loaded to standard .22 ballistics. Ideal for long range, .22 rim fire game shooting. Loaded in .22 Long Rifle, Long and Short sizes, also .22 W. R. P.

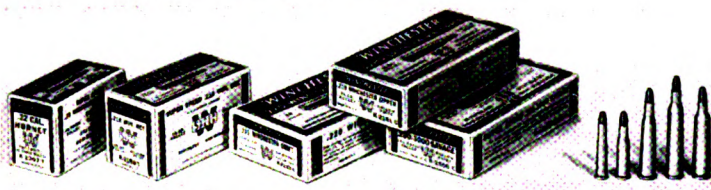
Your small bore target shooters, of course, want the super-fine Winchester Precision EZXS (Lesmok) and new All-X Match (smokeless) .22 Long Rifle match cartridges. Good turnover here, to steady satisfied customers, whose good-will brings more trade.



New Winchester Silvertip Super Speed Staynless center fire cartridges. From left to right the cartridges shown are .300 H. & H. Magnum, .30 Gov't '06, .30 Army, .30 (.30-30) Winchester.



Popular high-power and medium-power Winchester Super Speed Staynless center fire cartridges. Order of cartridges from left to right: .375 H. & H. Magnum, .348 Winchester, .270 Winchester, .32 Winchester Special, .257 Winchester-Roberts.



A group of ultra-modern small calibers in Winchester Super Speed Staynless center fire cartridges. Order of cartridges from left to right: .22 Hornet, .218 Bee, .219 Zipper, .220 Swift, .250-3000 Savage.



Winchester Staynless center fire handgun service cartridges. From left to right, .45 Automatic Colt pistol, .38 S. & W. Special and .32 S. & W. Special revolver.

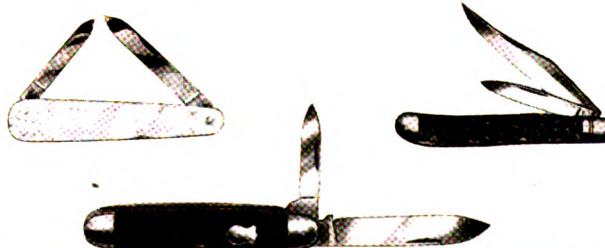


Winchester center fire cartridges. Cartons shown from left to right: Super Speed Staynless, coming in the four sizes shown at right: Leader Staynless, made in short, long and long rifle sizes; Precision EZXS (Lesmok) match cartridges, in long rifle only; All-X Match cartridges (smokeless) in long rifle only. Four cartridges at right are Super Speeds in short, long, long-rifle and W. R. F. sizes.

## WINCHESTER Fine-Quality Cutlery

The knowledge of heat-treatment of steels, gathered by Winchester during 75 years of making fine firearms, is advantageously brought to the manufacture of Winchester pocket cutlery, made in the same plant. In addition, extensive buying facilities enable Winchester cutlery engineers to purchase the brass, nickel silver, stag, bone, and other materials used in pocket knife manufacture, to rigid specifications. This insures not only highest quality but also materially lower prices.

Manufactured with the same precision and insistence on close mechanical tolerances developed by Winchester in producing world standard guns and ammunition, this line of cutlery offers the dealer a balanced selection of all standard and popular patterns.



WINCHESTER REPEATING ARMS COMPANY, NEW HAVEN, CONN., U.S.A.  
DIVISION OF WESTERN CARTRIDGE COMPANY

Mention Hardware Age When Writing

Digitized by Google



# WINCHESTER

## FLASHLIGHTS—New Streamlined Style and Price Leaders

THESE beautiful, new-design Winchester Flashlights, in modern styling, introducing several choices of sparkling color combinations, are the latest in Winchester's geared-for-sales flashlight development program. Some of the lights have fixt-focus, incorporating the principle of fixed filament and reflector alignment. Others have adjustable focus. In both types, the best available design and construction are used throughout.

Along with these advantages, plus a range of prices that attracts the large majority of flashlight buyers, there is a further important advantage for dealers. All these new lights are available in combination deals, as listed below. All deals include a compact, specially-designed, full-color counter display. Orders filled through regular Jobbers.

### Look At These Deal Displays!

**No. 49** 3 red and 3 black 2-cell Focusing Spotlights with copper fittings and 48 No. 1511 Winchester Unit Cells. Flashlights priced to retail for 59¢ complete.

Retail value of deal \$7.14. Dealer cost \$4.76.

**No. K-59** 3 solid 22K copper and 3 chrome-plated with brass fittings standard 2-cell Focusing Spotlights and 48 No. 1511 Winchester Unit Cells. Flashlights priced to retail for 69¢ complete.

Retail value of deal \$7.74. Dealer cost \$5.16.

**No. 69** 2 red with copper fittings, 2 blue with copper fittings and 2 black with chrome-plated fittings 2-cell Fixt-Focus POWER-LITE Spotlights and 48 No. 1511 Winchester Unit Cells. Flashlights priced to retail for 79¢ complete.

Retail value of deal \$8.34. Dealer cost \$5.50.

**No. 79** 3 all 22K copper and 3 chrome-plated with copper fittings Junior "Detective Special" HI-POWER Fixt-Focus Spotlights and 24 No. 1311 Jr. Winchester Unit Cells. Flashlights priced to retail for 79¢ complete.

Retail value of deal \$5.94. Dealer cost \$3.86.

**No. 998** 3 all copper and 3 chrome-plated with copper fittings 2-cell DeLuxe HI-POWER Fixt-Focus Spotlights and 48 No. 1511 Winchester Unit Cells. Flashlights priced to retail for 98¢ complete.

Retail value of deal \$9.48. Dealer cost \$6.26.

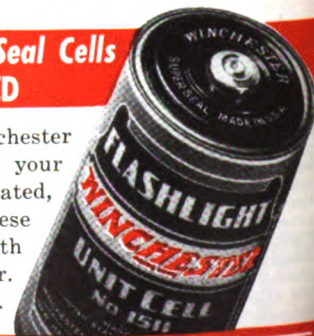
**No. 89** 2 red with copper fittings, 2 blue with copper fittings and 2 black with chrome-plated fittings 3-cell Fixt-Focus POWER-LITE Spotlights and 48 No. 1511 Winchester Unit Cells. Flashlights priced to retail for 98¢ complete.

Retail value of deal \$8.88. Dealer cost \$5.86.

All prices subject to change without notice.

### WINCHESTER Hi-Power Super Seal Cells FRESH—Each One DATED

DISPLAY a stock of Winchester Unit Cells No. 1511 with your flashlight cases. They're dated, assuring freshness and long service life. By laboratory test, these cells have long shelf life, great recuperative power. Made with scientific, plastic seal spun down into seamless zinc container. Sell Winchester Hi-Power Super Seal cells for most satisfaction.



WINCHESTER REPEATING ARMS COMPANY, DIVISION OF WESTERN CARTRIDGE COMPANY, NEW HAVEN, CONN., U.S.A.

Mention Hardware Age When Writing



**GRATERS, Vegetable, Etc. (Continued)**

Hochin (Thos. W.) Corp., 9 McPherson Pl., Jersey City, N. J.  
 Kreamer (A.), Inc., 307 Kent Av., Bklyn., N. Y.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 P-K-W Safety Slicer Co., Winterset, Ia. "P-K-W"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schleuter Mfg. Co., St. Louis, Mo. "DeLuxe"  
 Smith's (John E.) Sons Co., Buffalo, N. Y.  
 Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo. "Schroeter's"

**GRATES, Camp**

(See also Broilers, Camp)

Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Stuart, W. W., Des Moines, Ia.  
 Union Steel Products Co., Albion, Mich.  
 United Steel & Wire Co., Battle Creek, Mich.  
 Washburn Company, Worcester, Mass.

GRATES, Fireplace—See Fireplace Fixtures

**GRATES, Ventilator**

American Fdry. & Mfg. Co., St. Louis, Mo.  
 Elk Engineering Wks., Tannery, St. Marys, Pa.  
 King Stove & Range Co., Sheffield, Ala.  
 Levitt Mfg. Co., Urbana, Ill.  
 Majestic Co., Huntington, Ind.  
 Meier Bros. Iron Co., St. Louis, Mo.  
 Mobile Pulley & Machine Wks., Mobile, Ala.  
 Owensboro Fdry. Co., Inc., Owensboro, Ky. "Air-flow"  
 Sweet (A. L.) Iron Wks., Medina, N. Y.  
 Wayne Agricultural Wks., Inc., Goldsboro, N. C.

**GRATINGS, Iron and Steel**

Elk Engineering Wks., Tannery, St. Marys, Pa.  
 Fiske (J. W.) Iron Wks., 78 Park Place, New York, N. Y.  
 Logan Co., Louisville, Ky.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
 Sweet (A. L.) Iron Wks., Medina, N. Y.

GRAVE MARKERS—See Markers, Grave

**GRAVEL, Bird**

Brookman Mfg. Co., 416 W. Huron, Chicago, Ill.  
 Burnett's, Inc., 217 Plane, Newark, N. J. "Burnett's"  
 Krner Sand & Gravel Corp., 109th and East River, New York, N. Y.

French (R. T.) Co., Rochester, N. Y. "French's."  
 McAllister (M. A.) Co., 65 Cortlandt, New York, N. Y.

GRAVEL FORKS—See Forks, Stone

GRAVEL SCOOPS—See Scoops, Sand or Gravel

GRAVEL SCREENS—See Screens, Coal, Sand, Etc.

GREASE CUPS—See Cups, Grease

GREASE GUN FILLERS—See Fillers, Gun, Grease

GREASE GUNS—See Guns, Grease

GREASE PUMPS—See Pumps, Oil and Grease

GREASE SEALS—See Seals, Oil and Grease

**GREASES, Axle**

(See also Greases, Lubricating)

American Oil Corp., Jackson, Mich.  
 Baum's Castorine Co., Rome, N. Y.  
 Borne-Scrymser Co., 17 Battery Pl., New York, N. Y.  
 Brooks Oil Co., Cleveland, O.  
 Canfield Oil Co., Cleveland, O.  
 Columbia Refining Co., 44th Av. and 23rd, Long Island City, N. Y.  
 Cook (Adam) Sons, Inc., Elizabeth Av., Linden, N. J.  
 Dixon (Joseph) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 Franklin Oil & Gas Co., Bedford, O.  
 Fraser Lubricants, Inc., 88 Vandyke, Brooklyn, N. Y. "Fraser"

Galea Mfg. Co., Galena, Ill. "Superior," "Sticktite"  
 Galea Oil Corp., 405 Butler, Cincinnati, O.  
 Hamm (M.) Co., Washington C. H., O.  
 Houghton (E. F.) & Co., Phila., Pa.  
 Hiley, Doubleday & Co., 88 Vandyke, Brooklyn, N. Y. "Bidwell's"

Independent Oil Co., Mansfield, O.  
 Miller's (A. D.) Sons Co., Pittsburgh, Pa.  
 Oklahoma Lubricating Co., Oklahoma City, Okla.  
 Panhard Oil Corp., New York, N. Y.  
 Robinson (Wm. C.) & Son, Baltimore, Md.  
 Sinclair Refining Co., 10 W. 51st, New York, N. Y.  
 Socony-Vacuum Oil Co., Inc., 26 Bway., New York, N. Y. "Diamond," "Mica"

Swan & Finch Co., 205 E. 42nd, New York, N. Y.  
 Greases, Gear, Fishing Reel

Enterprise Mfg. Co., Dept. HA, Akron, O. "Runfree"  
 Greases, Lubricating

Achison Graphite Corp., 30 E. 42nd, New York, N. Y. "Gredag"  
 American Grease Stick Co., Muskegon, Mich. "Door-lub" (Stick Form)  
 American Oil Co., Baltimore, Md. "Amoco," "Eze-lube"

Lowell Products Corp., Tulsa, Okla. "Be Square," "Masonator"  
 Stuart's Castorine Co., Rome, N. Y.

Borne-Scrymser Co., 17 Battery Pl., New York, N. Y. "Colonial," "Puritan," "Sillex"  
 Cook (Adam) Sons, Inc., Elizabeth Av., Linden, N. J. "Albany," "Pressuregrease"  
 Crescent Oil Corp., Independence, Kan.  
 Dearborn Chemical Co., Chicago, Ill.  
 De Mert & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.

Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 Durkee-Atwood Co., Minneapolis, Minn. "Rio-Nie"  
 Freedom Oil Wks. Co., Freedom, Pa.  
 Galea Oil Corp., 405 Butler, Cincinnati, O.  
 Haggerty Refining Co., 50 South, New York, N. Y. "Reliance," "Thermo"

Hollingshead (R. M.) Corp., Camden, N. J. "Whis"  
 Houghton (E. F.) & Co., Phila., Pa.  
 Hiley, Doubleday & Co., 88 Vandyke, Brooklyn, N. Y.  
 Indian Refining Co., Lawrenceville, Ill. "Havoline"  
 Ironides Co., Columbus, O. "Shield"

Koerber (M. A.) & Co., 88 Warren, New York, N. Y.  
 Panhard Oil Corp., 17 Water, New York, N. Y.  
 Pennsylvania Lubricating Co., Pittsburgh, Pa. "Economy," "Palumbo," "Penn," "Sylvan"

Robinson (Wm. C.) & Son, Baltimore, Md. "Greoli"  
 Sinclair Refining Co., 10 W. 51st, New York, N. Y.  
 Socony-Vacuum Oil Co., Inc., 26 Bway., New York, N. Y. "Mobilgrease"  
 Stay-Tite Products Co., 3107 Detroit Av., Cleveland, O. "Stay-Tite"

Stewart-Warner Corp., 1828 Diversey Parkway, Chicago, Ill. "Alemita"  
 Sun Oil Co., 1608 Walnut, Phila., Pa. "Nusco"  
 Swan-Finch Oil Corp., 205 E. 42nd, New York, N. Y. "Calypsol," "Motul Gearse"

Texas Co., 17 Battery Pl., New York, N. Y. "Texaco," "Thuban"  
 Tide Water Oil Co., 11 B'way, New York, N. Y. "Cupolene," "Spedolene," "Veedol"

United States Graphite Co., Saginaw, Mich. "Mexican"  
 United States Refining Co., 1271 W. 11th, Cleveland, O.  
 Vacuum Oil Co., 61 Bway, New York, N. Y. "Mobilubricant," "Motogrease"

Valvoline Oil Co., 405 Butler, Cincinnati, O.  
 Viscote System, 405 Butler, Cincinnati, O.  
 Waverly Oil Works Co., Pittsburgh, Pa.  
 White & Bagley Co., Worcester, Mass. "Oilsum"  
 Whitmore Mfg. Co., Cleveland, O.  
 Wolverine-Empire Refining Co., 51 Madison Av., New York, N. Y. "Wolf's Head"

**GREASES, Rifle, Shot Gun, Etc.**

Hoppe (Frank A.) Inc., 2314-H N. 8th, Phila., Pa.  
 Nye (Wm. F.), Inc., New Bedford, Mass.  
 Remington Arms Company, Inc., Bridgeport, Conn. "Remington"

Rust Inhibiting Products, 5830 Stony Island Av., Chicago, Ill. "Rig"  
 Savage Arms Corp., Utica, N. Y.  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

GREASES, Shot Gun—See Greases, Rifle, Shot Gun, Etc.

GREENHOUSE GLASS—See Glass, Greenhouse

**GREENHOUSES, Toy**

Wolverine Supply &amp; Mfg. Co., Pittsburgh, Pa.

GRID UNITS—See Elements, Electric Heating

GRIDDLE SCOURING STONES—See Stones, Scouring, Griddle

GRIDDLES, Aluminum—See Griddles, Iron, Steel, Aluminum, Etc.

**GRIDDLES, Electric**

Dominion Electrical Mfg. Co., Mansfield, O. "Domino"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"

Metal Ware Corp., Two Rivers, Wis. "Empire"  
 Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, O.  
 Utility Electric Co., St. Louis, Mo. "Serv-All"

Wright Accessories, Inc., 40 W. 25th, New York, N. Y.  
 GRIDDLES, Iron, Steel, Aluminum, Etc.

Ade-O-Matic Co., 400 N. Michigan Av., Chicago, Ill. "Ade-O-Matic"  
 Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
 Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro," "Viko"

Aluminum Products Co., La Grange, Ill. "Lifetime"  
 Bellaire Enamel Co., Bellaire, O. "Beco," "Never-break"

Bremer Aluminum Corp., New Washington, O. "Dr. Koch"  
 Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)

Cheney (S.) & Son, Manlius, N. Y.  
 Chicago Hdw. Fdry. Co., N. Chicago, Ill. "Favorite," "Sani Ware"

Everedy Co., Frederick, Md. "Speedy-Clean" (Chromium Plated)  
 Griswold Mfg. Co., Erie, Pa. "Chrome," "Tu-Chro," "Silverlike"

Health-Maid, Inc., Cleveland, O.  
 Jones Hollow Ware Co., Baltimore, Md.  
 King Stove & Range Co., Sheffield, Ala.  
 Landers, Frary & Clark, New Britain, Conn. (Aluminum)

Lodge Mfg. Co., So. Pittsburg, Tenn.  
 Marietta Hollow Ware & Enameling Co., Marietta, Pa.

Marshallan Mfg. Co., 5716 Euclid Av., Cleveland, O.  
 National Aluminum Mfg. Co., Peoria, Ill. "Health"  
 National Pressure Cooker Co., Eau Claire, Wis.  
 Star Mfg. Co., Inc., St. Louis, Mo.  
 Steel Materials, 17260 Gable Av., Detroit, Mich. "Stemco"

Toledo Stamping & Mfg. Co., Toledo, O.  
 Wagner Mfg. Co., Sidney, O.  
 West Bend Aluminum Co., West Bend, Wis.

**GRIDDLES, Soapstone**

Alberene Stone Co., 153 W. 23rd, New York, N. Y.  
 Hodges (Wm.) Co., Phila., Pa.  
 Union Soapstone Co., Boston, Mass.  
 Vermont Soapstone Co., Perkinsville, Vt.

GRIDDLES, Steel—See Griddles, Iron, Steel, Etc.

**GRIDS, Camp**

Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Michigan Wire Goods Co., Niles, Mich. "Androck"  
 Richardson Rod & Keel Co., 3150 N. Sawyer, Chicago, Ill. (Folding)  
 United Steel Products Co., Albion, Mich.  
 United Steel & Wire Co., Battle Creek, Mich.  
 Washburn Co., Worcester, Mass.

**GRILLES, Ornamental**

Auer Register Co., Cleveland, O.  
 Brey-Krause Mfg. Co., Allentown, Pa.  
 Detroit Hdw. Mfg. Co., Detroit, Mich.  
 Erco Mfg. Co., 4141 N. Monitor Av., Chicago, Ill.  
 Flake (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.

Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Hart & Cooley Mfg. Co., Chicago, Ill.  
 Hopewell Mfg. Co., Hopewell, N. J.  
 Hutchinson & Co., Dallas, Tex. "Scro-Grill"

Independent Register & Mfg. Co., Cleveland, O.  
 Kason Hdw. Corp., 127 Wallabout, Bklyn., N. Y.  
 Macklanburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"

McArthur (Warren) Corp., 1 Park Av., New York, N. Y.  
 Mesker Bros. Iron Co., St. Louis, Mo.  
 Mueller (L. J.) Furnace Co., Milwaukee, Wis.

Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
 Roebbing's (John A.) Sons Co., Trenton, N. J. "Jersey"

Smith (F. P.) Wire & Iron Works, 2340 Claybourn Av., Chicago, Ill.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

Tuttle & Bailey, Inc., New Britain, Conn. "Ferrocraft"  
 Tuttle & Bailey Mfg. Co., 101 Park Av., New York, N. Y.

Wickwire-Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 GRILLES, Radiator Enclosures

Auer Register Co., Cleveland, O.  
 Harrington & King Perforating Co., Chicago, Ill.  
 Hubeny Brothers, Inc., Roselle, N. J.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.

Tuttle & Bailey Mfg. Co., 101 Park Av., New York, N. Y.  
 Wickwire-Spencer Steel Co., 500 Fifth Av., New York, N. Y.

GRILLES, Rolling

Cornell Iron Works, Inc., 3603 13th, Long Island City, N. Y.

GRILLES, Screen Door

Brey-Krause Mfg. Co., Allentown, Pa.  
 Everedy Co., Frederick, Md.  
 Flake (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.

Holden (A. S.), Inc., Cleveland, O.  
 Hutchinson & Co., Dallas, Tex. "Scro-Grill"  
 Kasper Wire Works, Shiner, Tex.

Kentucky Metal Products Co., Inc., Preston & Audubon Park, Louisville, Ky.  
 Logan Co., Louisville, Ky. "Adjust-O-Grille"

Macklanburg-Duncan Co., Oklahoma City, Okla. "Nu-Way"

Mid-West Metal Products Co., Muncie, Ind.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.

Roebbing's (John A.) Sons Co., Trenton, N. J. "Jersey"

Wickwire-Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 GRILLES—See Iron Work, Ornamental

**GRILLS, Charcoal**

American Brake Shoe & Fdry. Co., 230 Park Av., New York, N. Y. "Charco-Grill"

Arch-Horne Co., 25 West B'way, New York, N. Y.  
 Eclipse Metal Mfg. Co., Eden, N. Y.  
 Elkhart Iron Wks., 2040 So. Main, Elkhart, Ind. "Porto-Grill"

Fostoria Pressed Steel Corp., Fostoria, O.  
 Genesee Park Equipment Co., Eden, N. Y. "Genesee"  
 Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
 Halter (Jacob) Sons Co., 2604 Walton Av., Cleveland, O. "Halter"

**GRILLS, Charcoal (Continued)**

Hamlin Metal Products Co., Inc., 58 W Exchange, Akron, O.  
 Hancock Iron Works, Pontiac, Mich.  
 Majestic Co., Huntington, Ind. "Broilaster"  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Master"  
 Phoenix Tool & Mfg. Co., 2 Kemer, Bridgeport, Conn. "Pleni-King"  
 Royal Mfg. Co., Bowling Green, O. "Broilaster"  
 Star Products, Inc., 15105 Darwin Av., Cleveland, O. "Wee"  
 United States Lock & Hdwe. Co., Columbia, Pa. "Old Kentucky," "Out Door," "Touro"  
 Wolff Appliance Corp., 42-38 Twelfth, Long Island City, N. Y.  
 Yawman Metal Products, Inc., 15 Elser Terrace, Rochester, N. Y. "Barb-A-Ket"

**GRILLS, Electric**

American Electrical Heater Co., Detroit, Mich. "American Beauty"  
 Chicago Flexible Shaft Co., Chicago, Ill. "Sunbeam"  
 Electric Range Heater Co., 420 Lexington Av., New York, N. Y. "Strate-Coil"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
 Griawold Mfg. Co., Erie, Pa.  
 Keene (O. S.) Machine Co., 311 Myrtle, Elkhart, Ind. "E-Z"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Mabey Electric & Mfg. Co., Peoria, Ill.  
 Metal Ware Corp., Two Rivers, Wis. "Empire"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Bak-O-Grill," "Nesco"  
 National Stamping & Elec. Wks., Chicago, Ill. "White Cross"  
 Porceller Mfg. Co., Greensburg, Pa.  
 Rubenber Electric Co., Marion, Ind.  
 Samson-United Corp., Rochester, N. Y.  
 Star Mfg. Co., Inc., St. Louis, Mo. "Quik-Serv"  
 Superior Electric Products Corp., Cape Girardeau, Mo. "Superlectric"  
 Swartsbaugh Mfg. Co., Toledo, O. "Everhot"  
 Westinghouse Elec. & Mfg. Co., Mansfield, O. (Sandwich)

**GRIND STONES**—See Stones, Grind

**GRINDERS, Bench**

American Grinder & Specialty Corp., Fond Du Lac, Wis.  
 Arcade Mfg. Co., Freeport, Ill.  
 Athol Mach. & Foundry Co., Athol, Mass.  
 Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich. "Atlas"  
 Baldor Electric Co., 4364 Duncan Av., St. Louis, Mo.  
 Barea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Monarch," "Harvester"  
 Blount (J. G.) Co., Everett, Mass.  
 Boice-Crane Co., 1730 Norwood Av., Toledo, O. "Boice-Crane"  
 Bridgeport Safety Emery Wheel Co., Bridgeport, Conn. "Safety"  
 Canedy-Otto Mfg. Co., Chicago Heights, Ill.  
 Carter (R. L.) Co., New Britain, Conn. "Carter"  
 Central Mach. Wks. Co., Minneapolis, Minn.  
 Champion Blower & Forge Co., Lancaster, Pa.  
 Cheney (S.) & Son, Manlius, N. Y. "Royal"  
 Chicago Flexible Shaft Co., Chicago, Ill. "Stewart"  
 Cincinnati Electrical Tool Co., Cincinnati, O.  
 Clizbe Bros. Mfg. Co., Plymouth, Ind. "Crown"  
 Cutter Machine Co., St. Louis, Mo.  
 Dallett (Thos. H.) Phila., Pa.  
 Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
 Diehl Mfg. Co., Elizabethport, N. J. "Diehl"  
 Double A Products Co., Inc., Ann Arbor, Mich.  
 Dumore Co., Racine, Wis. (Wrench Tooth Grinding Unit)  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Forbes & Myers, Worcester, Mass.  
 General Hardware Co., Milwaukee, Wis. "Safety Line"  
 Hisey-Wolf Mach. Co., Cincinnati, O.  
 Keystone Grinder & Mfg. Co., Pittsburgh, Pa. "Keystone"  
 Kingston-Conley Electric Co., 68 Brook Av., North Plainfield, N. J. "K-C"  
 Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
 Louisville Electric Mfg. Co., Louisville, Ky. "Pioneer"  
 Luther Grinder & Tool Co., Fond Du Lac, Wis. "Dimo-Grit," "Milwaukee"  
 Marathon Electric Mfg. Corp., Warsaw, Wis.  
 Millers Falls Co., Greenfield, Mass.  
 Milwaukee Electric Tool Corp., Milwaukee, Wis.  
 Modern Grinder Mfg. Co., Fond Du Lac, Wis. "Modern Jr."  
 National Sewing Machine Co., Belvidere, Ill. "Vindex"  
 Neil & Smith Electric Tool Co., Cincinnati, O. "Ideal"  
 North Wales Mach. Co., North Wales, Pa.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Peerless Electric Co., Warren, O.  
 Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"  
 Prairie Tool Co., Prairie du Chien, Wis. "Sturdibilt"  
 Rivet Lathe & Grinder Co. (Brighton), Boston, Mass.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Schauer Machine Co., Cincinnati, O.

Sellew Mach. Tool Co., Pawtucket, R. I.  
 Shaw Tool Co., Milwaukee, Wis. "Shaw"  
 Skillasaw, Inc., 3310 Elston Av., Chicago, Ill. "Skill-saw"  
 Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"  
 Standard Electric Tool Co., Cincinnati, O.  
 Stanley Electric Tool Div., Stanley Works, New Britain, Conn.  
 Stow Mfg. Co., Inc., Binghamton, N. Y.  
 Syntroon Co., 1933 Black, Homer City, Pa.  
 Tobrin Tool Co., Plantsville, Conn.  
 United States Electrical Tool Co., 2452 W. 6th, Cincinnati, O.  
 Valley Electric Corp., 4221 Forest Park Blvd., St. Louis, Mo.  
 Van Dorn Electric Tool Co., Towson, Md.  
 Vittrified Wheel Co., Westfield, Mass.  
 Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"  
 Wallace (J. D.) & Co., Chicago, Ill. "Workace"  
 Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis.  
 Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Master"  
 Wood (A. A.) & Sons Co., Atlanta, Ga. "Atlanta"  
 Yates-American Machine Co., Beloit, Wis.

**GRINDERS, Coffee**—See Mills, Coffee

**GRINDERS, Disc**

Besley Machine Co., Chicago, Ill.  
 Champion Blower & Forge Co., Lancaster, Pa.  
 Dallett (Thos. H.) Phila., Pa.  
 Luther Grinder & Tool Co., Fond Du Lac, Wis. "Dimo-Grit"  
 Winterhoff Tool & Machine Co., Elkhart, Ind.

**GRINDERS, Electric**—See Drills, Grinders and Polishers, Electric Portable

**GRINDERS, Feed**

Arcade Mfg. Co., Freeport, Ill.  
 Barnard & Leas Mfg. Co., Moline, Ill.  
 Bell (C. S.) Co., Hillsboro, O. "Ajax," "Bell," "Favorita," "Homesteader," "Little Giant," "Mid-get," "Milpa," "Model," "W. Type"  
 Brinly-Hardy Co., Inc., Louisville, Ky. "Red Chief"  
 Dempster Mill Mfg. Co., Beatrice, Neb.  
 Duplex Mill & Mfg. Co., Springfield, O.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill.  
 Fate-Root-Heath Co., 1333 High, Plymouth, O. "Korn King"  
 Fry, Ralph W., Easton, Pa. "Export," "O. C."  
 Gehl Bros. Mfg. Co., West Bend, Wis.  
 Gump (B. F.) Co., 429 So. Clinton, Chicago, Ill.  
 Hocking Valley Mfg. Co., Lancaster, O.  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering"  
 Martin Mfg. Co., Anoka, Minn.  
 Mundie Mfg. Co., Peru, Ill.  
 New Holland Machine Co., New Holland, Pa. "New Holland"  
 Patch (A. H.), Inc., Clarksville, Tenn. "Apache," "Black Hawk," "Tennessee"  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Stedman's Fdry. & Mach. Wks., Aurora, Ind.  
 Stover Mfg. & Engine Co., Freeport, Ill. (Hammer & Burr)  
 Straub (A. W.) Co., Philadelphia, Pa. "Quaker City"  
 W-W Feed Grinder Corp., Wichita, Kan. "W-W"  
 Williams Mill Co., Inc., Ronda, N. C.

**GRINDERS, Foot and Hand Power**

(See also Stones, Grind, Power)

American Grinder & Specialty Corp., Fond Du Lac, Wis.  
 Behr-Manning Corp., Troy, N. Y. "Handy Andy," "Peerless," "Whirlwind"  
 Barea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Bi-Treadle," "Eureka," "Harvest King," "Hercules," "Norka," "Samson," "Sterling"  
 Boettcher Co., Chicago, Ill. "Ideal," "Quality"  
 Brink & Cotton Mfg. Co., 62 Cherry, Bridgeport, Conn. "B. & C."  
 Cheney (S.) & Son, Manlius, N. Y. "Royal"  
 Clizbe Bros. Mfg. Co., Plymouth, Ind. "Crown"  
 General Hardware Co., Milwaukee, Wis.  
 Keystone Grinder & Mfg. Co., Pittsburgh, Pa. "Keystone"  
 Luther Grinder & Tool Co., Fond Du Lac, Wis. "Best-Maide," "Dimo-Special," "Farm Special," "Hummer," "Marvel," "Master," "Milwaukee," "400"  
 Millers Falls Co., Greenfield, Mass.  
 Modern Grinder Mfg. Co., Fond Du Lac, Wis.  
 Mundie Mfg. Co., Peru, Ill. "Cow Boy"  
 National Sewing Machine Co., Belvidere, Ill. "Vindex"  
 North Wales Mach. Co., North Wales, Pa.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Prairie Tool Co., Prairie du Chien, Wis. "Badger," "Speeder," "Sturdibilt," "Utility"  
 Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Cookkutter," "Excelall"  
 Western Products, Inc., New Castle, Ind. "Gem," "Justrite"  
 Wood (A. A.) & Sons Co., Atlanta, Ga. "National"

**GRINDERS, Hand, Electric, Portable**

Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill. "De luxe Handee"  
 Dremel Mfg. Co., Racine, Wis. "Moto-Tool"

Duro Metal Products Co., 2651 N. Kildare Av., Chicago, Ill.  
 Excel Auto Radiator Co., 320 E. 21st, Chicago, Ill. "Toolmaster"  
 Monarch Mfg. Co., 711 W. Lake, Chicago, Ill. "Monarch"  
 Skillasaw, Inc., 3310 Elston Av., Chicago, Ill. "Skill-saw"  
 Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"

**GRINDERS, Knife**

Appleton Mfg. Co., Batavia, Ill.  
 Behr-Manning Corp., Troy, N. Y. "Bevelrite," "Peerless"  
 Barea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.  
 Cheney (S.) & Son, Manlius, N. Y. "Ajax"  
 Chicago Flexible Shaft Co., Chicago, Ill. "Stewart"  
 Covell-Hanchett Co., Big Rapids, Mich.  
 Duwell Mfg. Co., 830 S. 72nd, Milwaukee, Wis. "Kutrite"  
 General Hardware Co., Milwaukee, Wis.  
 Luther Grinder & Tool Co., Fond Du Lac, Wis. "Best Maide," "Hummer," "Jiffy," "Spartan"  
 Modern Grinder Mfg. Co., Fond du Lac, Wis.  
 Prairie Tool Co., Prairie du Chien, Wis. "Sturdibilt"

**GRINDERS, Lawn Mower**

Fate-Root-Heath Co., 1333 High, Plymouth, O. "Ideal," "Peerless"  
 Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Foley"  
 General Hardware Co., Milwaukee, Wis.  
 Precision Lawn Mower Grinder Co., 705 Ivy, Glendale, Cal.  
 Savage Co., Greenville, Tenn.  
 Yard-Man, Inc., 1410 W. Ganson, Jackson, Mich. "Yard-Man"

**GRINDERS—Mower Knife**—See Grinders, Sickle and Mower Knife

**GRINDERS, Saw**

Covell-Hanchett Co., Big Rapids, Mich.  
 Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Foley"

**GRINDERS, Sickle and Mower Knife**

American Grinder & Specialty Corp., Fond Du Lac, Wis.  
 Bolens Mfg. Co., Port Washington, Wis.  
 Cheney (S.) & Son, Manlius, N. Y. "Farm No. 8," "Fowler," "Royal"  
 Duplex Mill & Mfg. Co., Springfield, O. "Kelley"  
 General Hardware Co., Milwaukee, Wis.  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering"  
 Kalamazoo Tank & Silo Co., Kalamazoo, Mich.  
 Luther Grinder & Tool Co., Fond Du Lac, Wis. "Best Maide," "Farm Special," "Hummer," "Spartan"  
 Modern Grinder Mfg. Co., Fond du Lac, Wis.  
 Prairie Tool Co., Prairie du Chien, Wis. "Sturdibilt"  
 Richard-Wilcox Mfg. Co., Aurora, Ill. "Velo"  
 Wilcox  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Sargent, Osgood & Roundy, Randolph, Vt.  
 Stearns (E. C.) & Co., Syracuse, N. Y.  
 Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis.  
 Whitaker Mfg. Co., 409 S. Green, Chicago, Ill.  
 Wood (Walter A.) Mowing & Reaping Mach. Co.  
 Woosick Falls, N. Y. "Paragon," "Perfect"

**GRINDERS, Skate**

(See also Sharpeners, Skate)

Bergham Co., 1417 Washington Bldg., Maywood, Ill.  
 Fate-Root-Heath Co., 1333 High, Plymouth, O.  
 Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Foley"  
 General Hardware Co., Milwaukee, Wis.  
 Luther Grinder & Tool Co., Fond Du Lac, Wis. (Electric)  
 Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Master"  
**GRINDERS, Tool**—See Grinders, Bench  
**GRINDING BALLS**—See Balls, Grinding, Steel  
**GRINDING COMPOUNDS**—See Compounds, Grinding and Lapping  
**GRINDING DISCS**—See Discs, Abrasive, Coated  
**GRINDING HEADS**—See Heads, Grinding  
**GRINDING PASTES**—See Pastes, Emery  
**GRINDING WHEEL DRESSERS**—See Dressers, Grinding Wheel  
**GRINDING WHEELS**—See Wheels, Grinding; Axes, Grinding, on Shanks  
**GRINDSTONE FIXTURES**—See Fixtures, Grinding stone

**GRIPS, Athletic**

Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
**GRIPS, Bath Tub, Safety**  
 Bath Essentials Corp., 2082 1st Av., New York, N. Y.  
 Kleintert (I. B.) Rubber Co., 485 Fifth Av., New York, N. Y. "Sav-A-Fall"



# FAULTLESS *Household* CASTERS

*are years ahead in Construction*



- TWO FULL ROWS HARDENED BALL BEARINGS

Swiveling Freely in Uninterrupted Double Raceways

- COMPOSITION WHEELS for Quiet, Enduring Service

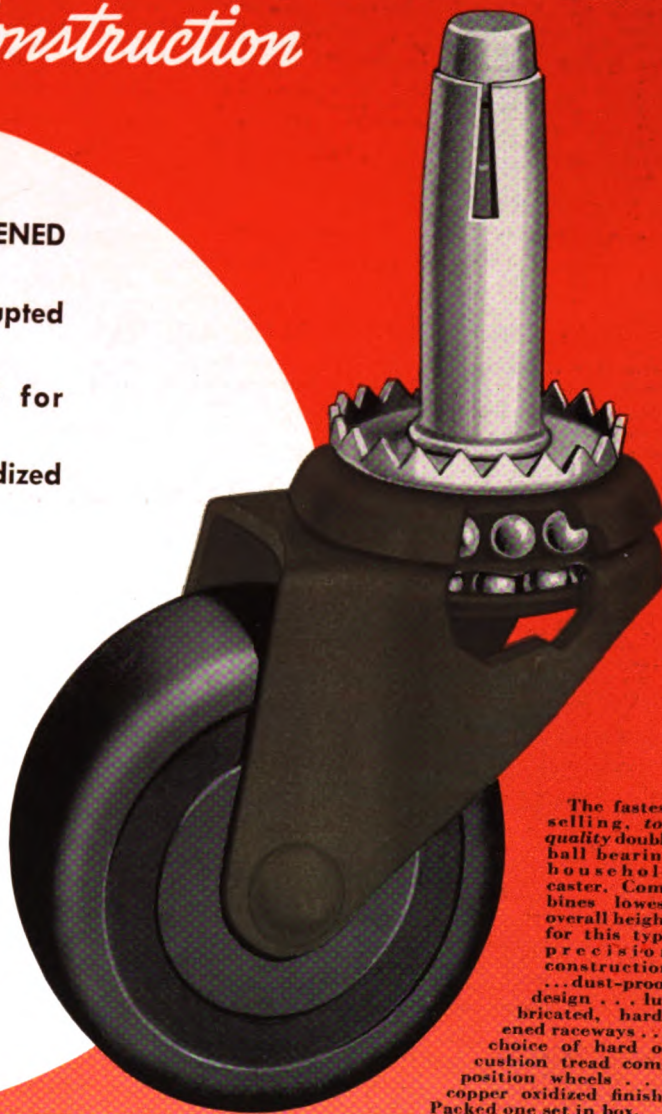
- HARMONIZING Copper Oxidized Finish

- THREE POPULAR SIZES

- *No Higher Prices*

than ordinary construction

*That's Why* they  
are years ahead in  
**SALES!**



The fastest selling, top quality double ball bearing household caster. Combines lowest overall height for this type precision construction... dust-proof design... lubricated, hardened raceways... choice of hard or cushion tread composition wheels... copper oxidized finish. Packed one set in box.

## 8000 SERIES DOUBLE BALL BEARING GRIP NECK CASTERS

Designed for volume sales where price is a deciding factor. Faultless quality construction and workmanship guaranteed. Note double ball bearings and choice of Rockite or Ruberex wheels. Packed one set in box.

Diameter of Wheel	Kind of Wheel	Weight Per Set	Per Set of 4
1 1/4"	Ruberex	1 lb.	\$....
1 1/2"	Rockite	1 lb.	....
1 3/4"	Ruberex	1 lb. 5 oz.	....
2"	Rockite	1 lb. 5 oz.	....

Also original single-set caster package, in eye-appeal, easy to handle, for the turnover of a breaking line.



Faultless Double Ball Bearing Plate Caster  
(Size of Plate 2 1/8" x 1 1/8")

## 8000 SERIES DOUBLE BALL BEARING GRIP NECK CASTERS

Style No.	Diameter of Wheel	Kind of Wheel	Weight Per Set	Per Set of 4
8475	1 1/4"	Ruberex	1 lb.	\$....
8478	1 1/2"	Ruberex	1 lb.	....
8775	1 3/4"	Rockite	1 lb.	....
8778	1 3/4"	Rockite	1 lb.	....
8479	2"	Ruberex	1 lb. 5 oz.	....
8779	2"	Rockite	1 lb. 5 oz.	....

Styles 8479 and 8779 are ideally suited for use on office chairs

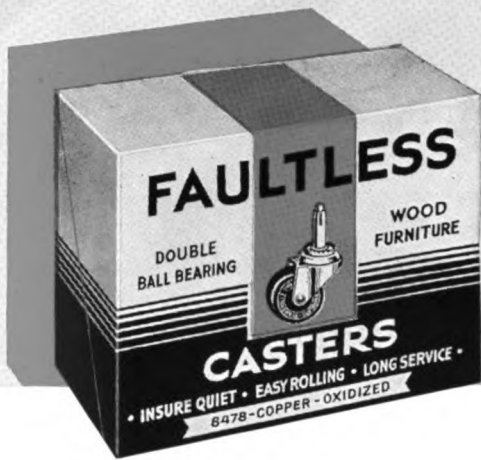
## DOUBLE BALL BEARING PLATE CASTER

Style No.	Diameter of Wheel	Kind of Wheel	Weight Per Set	Per Set of 4
9478	1 1/2"	Ruberex	1 lb. 2 oz.	\$....
9778	1 1/2"	Rockite	1 lb. 2 oz.	....
9479	2"	Ruberex	1 lb. 6 oz.	....
9779	2"	Rockite	1 lb. 6 oz.	....



# FAULTLESS CASTERS



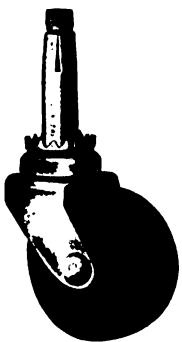


# BALL BEARING CASTERS, CUPS and GLIDES PACKED 1 SET IN BOX

Faultless Packaged Casters boost your sales and profits by encouraging the purchase of complete sets. Each box is its own display. The style caster contained in each box is pictured with quick list of features, uses and directions for installing. Faultless ball bearing casters, with composition wheels, are packed one set in a display box.

## BALL BEARING GRIP NECK CASTERS

This type of Ball Bearing Grip Neck Caster has the stem securely fastened to the caster. The caster swivels on the ball race. Only hardened steel balls are used. The caster fits the standard  $\frac{3}{8}$ " grip neck socket and can be furnished in various kinds and sizes of wheels. Packed one set in a box.



### ROCKITE WHEEL (Hard Tread) Nickel Finish

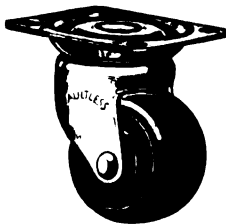
Style No.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
4733	1 $\frac{1}{4}$ "	$\frac{1}{2}$ Lb.	\$ ..
4735	1 $\frac{1}{2}$ "	$\frac{1}{2}$ Lb.	\$ ..
4738	1 $\frac{3}{4}$ "	$\frac{1}{2}$ Lb.	\$ ..

### RUBEREX WHEEL (Cushion Tread) Nickel Finish

Style No.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
4435	1 $\frac{1}{4}$ "	$\frac{1}{2}$ Lb.	\$ ..
4438	1 $\frac{3}{4}$ "	$\frac{1}{2}$ Lb.	\$ ..

## BALL BEARING PLATE CASTERS

These Ball Bearing Plate Casters are built of heavy gauge steel. Large ball raceway; hardened steel balls form the swivel head of this caster. The casters are exceptionally strong for their size, and are well made and swivel easily. Can be supplied in a variety of sizes. Packed one set in a box.



### ROCKITE WHEEL (Hard Tread) Nickel Finish

Style No.	Diameter of Wheel	Size of Plate	Weight Per Set	Price Per Set of 4
5733	1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ x 1 $\frac{1}{4}$ "	7 Oz.	\$ ..
5735	1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ x 1 $\frac{1}{4}$ "	$\frac{1}{2}$ Lb.	\$ ..
5738	1 $\frac{3}{4}$ "	1 $\frac{1}{4}$ x 2 $\frac{1}{4}$ "	1 Lb.	\$ ..

### RUBEREX WHEEL (Cushion Tread) Nickel Finish

Style No.	Diameter of Wheel	Size of Plate	Weight Per Set	Price Per Set of 4
5435	1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ x 1 $\frac{1}{4}$ "	$\frac{1}{2}$ Lb.	\$ ..
5438	1 $\frac{3}{4}$ "	1 $\frac{1}{4}$ x 2 $\frac{1}{4}$ "	1 Lb.	\$ ..

## TEA WAGON AND CRIB CASTERS BALL BEARING GRIP NECK



Light duty, plain bearing caster furnished with Ruberex cushion tread wheel. Made to fit standard grip neck socket. Designed for tea wagons, bassinets and other similar light duty work. Also furnished with ball bearing swivel. Packed one set in a box.

### RUBEREX WHEEL Nickel Finish

Style No.	Diameter of Wheel	Kind of Wheel	Weight Per Set	Price Per Set of 4
4430	2"	Ruberex	$\frac{1}{2}$ Lb.	\$ ..
4432	3"	Ruberex	1 $\frac{1}{2}$ Lb.	\$ ..

## BALL BEARING METAL BED CASTERS



These Ball Bearing Casters are built of heavy gauge steel. Stem is fastened to caster. The caster swivels on large raceway filled with hardened ball bearings. The caster comes fitted with spring socket attached complete, for easy insertion in metal bed tubing. To render the best service to your customer, it is suggested that they furnish a sample of the old caster in order that the bed tubing may be fitted properly. Packed one set to a box.

### ROCKITE WHEEL Nickel Finish (Hard Tread)

Style No.	For Tubing Outside Diam.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
1733	$\frac{1}{2}$ "	1 $\frac{1}{4}$ "	$\frac{1}{2}$ Lb.	\$ ..
1735	1"	1 $\frac{1}{2}$ "	9 Oz.	\$ ..
1736	1 $\frac{1}{4}$ "	1 $\frac{3}{4}$ "	14 Oz.	\$ ..
1738	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 Lb. 2 Oz.	\$ ..
1738x	1 $\frac{1}{2}$ " Sq.	1 $\frac{3}{4}$ "	1 Lb. 2 Oz.	\$ ..



### PIANO CASTERS Double Wheel Double Ball Bearing

For NOISELESS, effortless moving of pianos in theaters, churches, schools, etc. where quiet is essential. Also ideal for operating tables and similar use.

### Copper Oxidized Finish With No. 98 Socket

Style No.	Style No.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
Ruberex Wheels (Soft Tread)	Rockite Wheels (Hard Tread)			
BW479-2	BW779-2	2"	2 Lbs. 4 Oz.	\$ ..

## FURNITURE CUPS

Faultless Ruberex (soft) or Rockite (hard) Furniture Cups, for stationary heavy furniture are made of nonbreakable, rustproof composition, in a harmonizing brown shade that will not lose color. They protect floors and floor coverings. Unless specified Rockite Furniture Cups will be supplied.



### Round Shape Desk Cups

Style No.	Price Per Set of 4
RDC-1 $\frac{1}{4}$ " (Size of opening 1 $\frac{1}{4}$ " )	\$ ..
RDC-1 $\frac{1}{2}$ " (Size of opening 1 $\frac{1}{2}$ " )	\$ ..

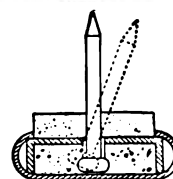
### Square Shape Desk Cups

Style No.	Price Per Set of 4
SDC-1 $\frac{1}{4}$ " (Size of opening 1 $\frac{1}{4}$ " )	\$ ..
SDC-1 $\frac{1}{2}$ " (Size of opening 1 $\frac{1}{2}$ " )	\$ ..
SDC-2" (Size of opening 2" )	\$ ..
SDC-2 $\frac{1}{2}$ " (Size of opening 2 $\frac{1}{2}$ " )	\$ ..

## FAULTLESS CUSHION GLIDES (Pat. Pending)



Faultless Cushion Chair Glides are made of hardened steel with rubber insulation. The center pin is flexible so the glide can fit closely to the chair leg. The glide is braced by an inner frame construction. Rounded corners—move chairs easily over floors. Drive onto chair with hammer. No holes to drill. Finished in Oxidized Copper. Packed one set to the box. Approximate weight per box, 5 oz.



NRS	$\frac{7}{8}$ " diameter	\$ ..
NRS	1 $\frac{1}{16}$ " diameter	\$ ..
NRS	1 $\frac{1}{4}$ " diameter	\$ ..
NRS	1 $\frac{1}{2}$ " diameter	\$ ..



# POPULAR PRICED CASTERS PACKED SIX SETS IN A BOX

Steel and Wood Wheel Casters illustrated on this page are packed six sets per box with the exception of metal bed casters (see individual listings). A neat new label has been designed for quick reference and accurate identification of specifications. The caster contained in each box is pictured, listed by Style-No. and fully described.



## BALL BEARING GRIP NECK CASTERS

This type of Ball Bearing Grip Neck Caster has the stem securely fastened to the caster. The caster swivels on the ball race. Only hardened steel balls are used. The caster fits the standard 3/8" grip neck socket and can be furnished in various kinds and sizes of wheels. Packed six sets in a box.

### LIGNUM VITAE WHEEL Bright Steel Finish

Style No.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
4203	1 1/4"	3 1/2 Lb.	\$ ..
4205	1 1/2"	3 1/2 Lb.	..
4208	1 3/4"	3 1/2 Lb.	..

Faultless steel wheels are made of two shells, one fitting inside the other. The side is drawn in to act as a reinforcement for the bushing. The tread is smooth and even. A full-sided, strong, durable wheel.

### STEEL WHEEL Bright Steel Finish

Style No.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
4503	1 1/4"	3 1/2 Lb.	\$ ..
4505	1 1/2"	10 Oz.	..
4508	1 3/4"	14 Oz.	..

## GRIP NECK CASTERS

Infinite accuracy in manufacture, the use of only the finest materials and unusual care in inspection—insure a uniformly satisfactory performance of these Grip Neck Casters. All metal parts made of heavy gauge steel. The caster designed for light duty work. A plain bearing, neat appearing caster that takes the standard 3/8" bore. Packed six sets in a box.

### LIGNUM VITAE WHEEL Bright Steel Finish

Style No.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
3203	1 1/4"	6 Oz.	\$ ..
3205	1 1/2"	3 1/2 Lb.	..
3208	1 3/4"	3 1/2 Lb.	..

### STEEL WHEEL Bright Steel Finish

Style No.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
3503	1 1/4"	3 1/2 Lb.	\$ ..
3505	1 1/2"	9 Oz.	..
3508	1 3/4"	3 1/2 Lb.	..

## BALL BEARING METAL BED CASTERS

These Ball Bearing Casters are built of heavy gauge steel. Stem is fastened to caster. The caster swivels on large raceway filled with hardened ball bearings. The caster comes fitted with spring socket attached complete, for easy insertion in metal bed tubing. To render the best service to your customer, it is suggested that they furnish a sample of the old caster in order that the bed tubing may be fitted properly. The casters with the No. 3 and No. 5 wheels come packed six sets in a box. The No. 6 wheel four sets in a box. The No. 8 wheel two sets in a box.

### LIGNUM VITAE WHEEL Bright Steel Finish

Style No.	For Tubing Outside Diam.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
1203	3/4"	1 1/4"	6 Oz.	\$ ..
1205	1"	1 1/2"	9 Oz.	..
1206	1 1/4"	1 3/4"	13 Oz.	..
1208	1 1/2"	1 3/4"	1 Lb.	..
1208x	1 1/2" Sq.	1 3/4"	1 Lb.	..

### STEEL WHEEL Bright Steel Finish

Style No.	For Tubing Outside Diam.	Diameter of Wheel	Weight Per Set	Price Per Set of 4
1503	3/4"	1 1/4"	9 Oz.	\$ ..
1505	1"	1 1/2"	11 Oz.	..
1506	1 1/4"	1 3/4"	1 Lb.	..
1508	1 1/2"	1 3/4"	1 1/2 Lb.	..
1508x	1 1/2" Sq.	1 3/4"	1 1/2 Lb.	..

## BALL BEARING PLATE CASTERS

These Ball Bearing Plate Casters are built of heavy gauge steel. Large ball raceway; hardened steel balls form the swivel head of this caster. The casters are exceptionally strong for their size, and are well made and swivel easily. Can be supplied in a variety of sizes. Packed six sets in a box.

### LIGNUM VITAE WHEEL Bright Steel Finish

Style No.	Diameter of Wheel	Size of Plate	Weight Per Set	Price Per Set of 4
5203	1 1/4"	1 1/4" x 1 1/4"	6 Oz.	\$ ..
5205	1 1/2"	1 1/4" x 1 1/4"	3 1/2 Lb.	..
5208	1 3/4"	1 1/4" x 2 1/4"	14 Oz.	..

### STEEL WHEEL Bright Steel Finish

Style No.	Diameter of Wheel	Size of Plate	Weight Per Set	Price Per Set of 4
5503	1 1/4"	1 1/4" x 1 1/4"	3 1/2 Lb.	\$ ..
5505	1 1/2"	1 1/4" x 1 1/4"	9 Oz.	..
5508	1 3/4"	1 1/4" x 2 1/4"	1 Lb.	..

# ORATION

EVANSVILLE, INDIANA  
BRANCH OFFICES IN PRINCIPAL CITIES  
CANADIAN FACTORY STRATFORD, ONT

# FAULTLESS TRUCK CASTERS

## SWIVEL TRUCK CASTERS

These Ball Bearing Swivel Truck Casters are made of extra heavy gauge steel. A large diameter ball bearing raceway is fitted with best grade of hardened ball bearings. Special king-pin construction holds this caster in perfect alignment. The top plate of the caster is deeply corrugated to prevent any possibility of bending. The horn of the caster is made of extra heavy gauge steel, corrugated to resist strain and shock. Heavy axle is securely anchored to the horn, making it impossible for the axle to turn. The axle is of a large diameter, permitting smooth rolling of the wheel. An ideal caster for use in mills, factories, warehouses, etc. Caster in plain finish. Packed in bulk.



### SEMI-STEEL WHEEL

Style No.	Diameter of Wheel	Overall Height	Size of Plate	Weight Per Caster	Price Each
108-2	2"	2 1/4"	1 1/2 x 2 1/4"	10 Oz.	\$ ..
108-2 1/2	2 1/2"	2 3/4"	2 1/4 x 3 1/4"	1 1/4 Lbs.	...
108-3	3"	3 1/2"	3 1/4 x 4 1/4"	2 Lbs.	...
108-4	4"	5"	4 x 5 1/4"	4 1/4 Lbs.	...
108-5	5"	6 1/4"	5 x 5 3/4"	7 1/4 Lbs.	...
108-6	6"	7 1/4"	6 x 6 1/2"	12 1/4 Lbs.	...



### SEMI-STEEL WHEEL AUTOMOBILE CREEPER CASTER

Style No.	Diameter of Wheel	Overall Height	Size of Plate	Weight Per Set	Price Per Set
108-14	1 1/4"	2 13/16"	1 7/8 x 2 1/4"	2 lbs. 4 oz.	\$ ..
108-14-TG	Same as above but with thread guard ...				

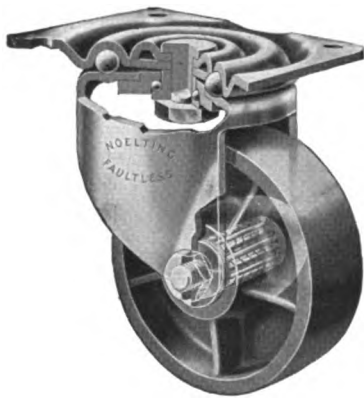


### RUBEREX WHEEL

Style No.	Diameter of Wheel	Overall Height	Size of Plate	Weight Per Caster	Price Each
121-2	2"	2 1/4"	1 1/2 x 2 1/4"	1/2 Lb.	\$ ..
121-2 1/2	2 1/2"	2 3/4"	2 1/4 x 3 1/4"	1 1/4 Lbs.	...
121-3	3"	3 1/2"	3 1/4 x 4 1/4"	1 1/2 Lbs.	...
121-4	4"	5"	4 x 5 1/4"	2 1/4 Lbs.	...
121-5	5"	6 1/4"	5 x 5 3/4"	6 Lbs.	...
121-6	6"	7 1/4"	6 x 6 1/2"	9 1/4 Lbs.	...

### HEAVY DUTY SWIVEL

Extra heavy pressed steel frame with two complete raceways, using best grade balls. All bearing surfaces hardened. Supplied with either plain bearing or Hyatt bearing wheels. Lubricating axle bolt as standard. A fine construction that will give excellent service.



### SEMI-STEEL WHEELS

Style No.	Diameter of Wheel	Kind of Bearing	Overall Height	Size of Plate	Weight Each	Price Each
206-5	5"	Hyatt	6 1/4"	5 x 5 3/4"	9 1/4 Lbs.	\$ ..
206-6	6"	Hyatt	7 1/4"	6 x 6 1/2"	13 1/4 Lbs.	...
208-5	5"	Plain	6 1/4"	5 x 5 3/4"	8 Lbs.	...
208-6	6"	Plain	7 1/4"	6 x 6 1/2"	13 Lbs.	...

## RIGID TRUCK CASTERS

Made of extra heavy gauge steel, deeply corrugated to resist strains, light in weight, very strong and durable. Heavy axle securely anchored to the horn. Axle is of large diameter which permits smooth, easy rolling of the wheel. A desirable companion caster for the Swivel Truck Caster. Caster in plain finish. Packed in bulk.



### SEMI-STEEL WHEEL

Style No.	Diameter of Wheel	Overall Height	Size of Plate	Weight Per Caster	Price Each
508-2	2"	2 1/4"	1 1/2 x 2 1/4"	1/2 Lb.	\$ ..
508-2 1/2	2 1/2"	2 3/4"	2 1/4 x 3 1/4"	1 Lb.	...
508-3	3"	3 1/2"	2 1/4 x 4 1/4"	1 1/4 Lbs.	...
508-4	4"	5"	3 1/4 x 6 1/4"	3 1/4 Lbs.	...
508-5	5"	6 1/4"	3 1/4 x 7 1/4"	5 1/4 Lbs.	...
508-6	6"	7 1/4"	3 1/4 x 8 1/4"	10 1/4 Lbs.	...



### RUBEREX WHEEL

Style No.	Diameter of Wheel	Overall Height	Size of Plate	Weight Per Caster	Price Each
521-2	2"	2 1/4"	1 1/2 x 2 1/4"	1/2 Lb.	\$ ..
521-2 1/2	2 1/2"	2 3/4"	2 1/4 x 3 1/4"	1 Lb.	...
521-3	3"	3 1/2"	2 1/4 x 4 1/4"	1 1/4 Lbs.	...
521-4	4"	5"	3 1/4 x 6 1/4"	2 1/4 Lbs.	...
521-5	5"	6 1/4"	3 1/4 x 7 1/4"	3 1/4 Lbs.	...
521-6	6"	7 1/4"	3 1/4 x 8 1/4"	7 1/4 Lbs.	...

### HEAVY DUTY RIGID



Furnished with Hyatt roller bearing wheels as companion to the 200 series swivel caster. Also furnished with plain bearing semi-steel wheels.

### SEMI-STEEL WHEELS

Style No.	Diameter of Wheel	Overall Height	Size of Plate	Weight Per Caster	Price Each
506-5	5"	6 1/4"	3 1/4 x 7 1/4"	6 1/4 Lbs.	\$ ..
506-6	6"	7 1/4"	3 1/4 x 8 1/4"	11 1/4 Lbs.	...

## STOVE AND REFRIGERATOR CASTER DOLLIES

Left: Scientifically designed to support maximum weight, yet swivel and roll with the utmost of ease under electric refrigerators, stoves and other heavy products handled in the display room, store or warehouse. Body of thick, semi-steel construction strengthened with heavy ribs supporting large cup designed to fit legs of modern refrigerators and latest model stoves. Equipped with double ball bearing casters (rust-resisting finish) having 2" wheels. Dolly in olive green finish. Weight 5 lbs.

Style 4BW459 with Ruberex (cushion tread) Wheels \$ ....  
Style 4BW759 with Rockite (hard tread) Wheels .....

Right: A sturdy all-steel stove dolly for economical handling of bulky, heavy boxes, desks, furniture cabinets, stoves and many other items. Made of heavy gauge corrugated steel, equipped with ball bearing steel casters and steel wheels, this inexpensive labor-saver is practically indestructible. Weight 1 lb.

Style AS505 Steel Wheels, plain finish  
Style AS555 Steel Wheels, rust-resisting finish  
Style AS705 Rockite Wheels, plain finish  
Style AS755 Rockite Wheels, rust-resisting finish

Price Per Set of 4

\$ ....

....

....

....

....

....

....

....

....

....

Price Per Set of 4

\$ ....

....

....

....

....

....

....

....

....

....

We can supply salesman's catalog insert sheets (size 21" x 11"). Specify quantity wanted. F-7140

FAULTLESS CASTER CORPORATION  
EVANSVILLE, INDIANA

Digitized by Google



**GRIPS, Handle, Bicycle and Motorcycle**

Continental Rubber Works, Erie, Pa. "Vitalic"  
 Essex Rubber Co., Trenton, N. J.  
 Goodrich (B. F.) Co., Akron, O.  
 Kastar Specialty Mfg. Co., Inc., 510 6th Av., New York, N. Y.  
 Manhattan Rubber Mfg. Div. Raybestos-Manhattan, Inc., Willette, Passaic, N. J.  
 Meisinger (H. & F.) Mfg. Co., 432 Austin Pl., New York, N. Y.  
 Persons Mfg. Co., Worcester, Mass.  
 Peterlein, C. E., Lodi, N. J.  
 Stevenson Wks. Co., South Bend, Ind.  
 Stokes (Jos.) Rubber Co., Trenton, N. J.  
 Textile Rubber Co., Akron, O.  
 Wald Mfg. Co., Inc., Maysville, Ky.

**GRIPS, Handle, Motorcycle—See Grips, Handle, Bicycle and Motorcycle**

**GRIPS, Non-Skid—See Chains or Grips, Tire, Non-Skid**

**GRIPS, Pistol**

Harrington & Richardson Arms Co., Worcester, Mass.  
 Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.

**GRIPS, Sash Cord**

Ives (H. B.) Co., New Haven, Conn.  
 Sawyer Belt Hook Co., Pawtucket, R. I.

**GRIPS, Wire**

Crescent Tool Co., Jamestown, N. Y. "Crescent"  
 Klein (Mathias) & Sons, 3200 Belmont Ave., Chicago, Ill. "Chicago," "Klein"  
 Starline Inc., Harvard, Ill. "Come-Along"

**GRIT BOXES—See Boxes, Grit**

**GROCERS' FUNNELS—See Funnels, Household, Grocers', Etc.**

**GROCERS' MEASURES—See Measures, Household, Grocers', Etc.**

**GROCERS' SCALES—See Scales, Counter**

**GROCERS' SCOOPS—See Scoops, Grocers'**

**GROMMET INSERTING DIES AND CUTTERS—See Dies and Cutters, Grommet Inserting**

**GROMMETS**

(See also Eyelets)

American Brass Co., Waterbury, Conn. "Anaconda"  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Neptune Hdw. Mfg. Co., 80 Warren, New York, N. Y.  
 Ohio Nut & Bolt Co., Berea, O.  
 Scovill Mfg. Co., Waterbury, Conn.  
 Simpson (Edwin B.) Co., 68 Franklin Av., Bklyn., N. Y.

Waterbury Brass Goods Corp., Waterbury, Conn.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**GROOVED PINS—See Pins, Grooved**

**GROOVED SCREWS—See Screws, Grooved**

**GROOVING SAWS—See Saws, Grooving**

**GROUND CLAMPS—See Clamps, Ground**

**GROUND KEY BIBBS—See Bibbs, Ground Key**

**GROUND RADIO CLAMP—See Clamps, Ground, Radio**

**GROUND RODS—See Rods, Ground**

**GROVE HEATERS—See Heaters, Orchard**

**GRUB HOES—See Hoes Grub and Mattocks**

**GRUB STAKES, Campfire**

Racine Iron & Wire Wks., Racine, Wis.

**GUARDS, Bumper**

Hamlin Metal Products Co., 58 W. Exchange, Akron, O.  
 Snyder, Inc., 813 Noble, Phila., Pa.

**GUARDS, Door**

Badger Wire & Iron Wks., Milwaukee, Wis.  
 Bry-Krause Mfg. Co., Allentown, Pa.  
 Burrows Corp., Portland, Me. (Screen)  
 Champion Hardware Co., Geneva, O. (Screen)  
 Chase Brass & Copper Co., Waterbury, Conn.  
 City Plating & Mfg. Co., St. Louis, Mo.  
 Corbin (P. & F.), New Britain, Conn.  
 Detroit Hardware Mfg. Co., Detroit, Mich. (Screen)  
 Fiske Equipment Mfg. Co., 64 Reade, New York, N. Y.  
 Garden City Plating & Mfg. Co., Chicago, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Golden (A. S.) Inc., Cleveland, O.  
 Imperial Brass Mfg. Co., 1200 W. Harrison Chicago, Ill.  
 Jones (P. D.) Mfg. Co., Beatrice, Neb. (Screen)  
 Kentucky Metal Products Co., Inc., Preston & Audubon Park, Louisville, Ky.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Metallallan Mfg. Co., 5716 Euclid Av., Cleveland, O. (Screen)  
 Mearns Mfg. Co., Detroit, Mich. (Screen)  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 Orion Hdw. Mfg. Co., Sharon, Pa. (Screen)  
 Pines (P. P.) Wire & Iron Wks., 2340 Clybourn, Chicago, Ill.  
 Ray Wks., New Britain, Conn. (Screen)

**GUARDS, Electric Lamp**

Appleton Electric Co., Chicago, Ill.  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y.  
 Flexible Steel Lacing Co., 4616 Lexington, Chicago, Ill. "Flexco," "Flexo-Lok"  
 Hamblin & Russell Mfg. Co., Worcester, Mass. "Never Break"  
 Hubbell (Harvey) Inc., Bridgeport, Conn.  
 McGill Mfg. Co., Valparaiso, Ind.  
 Morse (Frank W.), 301 Congress, Boston, Mass. "Morse Eureka"  
 Wauson Company, Worcester, Mass.

**GUARDS, Flower Bed—See Borders, Flower Bed**

**GUARDS, Ice and Snow, Roof**

Badger Wire & Iron Wks., Milwaukee, Wis.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Cleveland Wire Spring Co., Cleveland, O.  
 Danzer Metal Wks., Hagerstown, Md.  
 Edwards Mfg. Co., Cincinnati, O.  
 Folsom Snow Guard Co., Boston, Mass.  
 Hunt Metal Corner Bead Co., Lowell, Mass.  
 Mullet, J. D., Orrville, O.  
 Peter (F. N.) & Bro., Newside, Pa. "Never Break"  
 Steel & Wire Products Co., 217 S. Central Av., Baltimore, Md. "Loop-The-Loop," "Protector," "Monarch," "Twin Loop"

**GUARDS, Keyhole**

Independent Lock Co., Fitchburg, Mass. "Iloo" (Automatic)  
 Kell (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
 Keyhole Guard Co., Providence, R. I. "Shepardson"

**GUARDS, Leg, Catchers' and Umpires'**

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.

**GUARDS, Leg, Hockey**

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.

**GUARDS, Roof—See Guards, Ice and Snow, Roof**

**GUARDS, Saw**

Atkins (E. C.) & Co., Indianapolis, Ind. "AAA"

**GUARDS, Shin**

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.

**GUARDS, Shrubbery**

Carpenter (E. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn. "Garden Club"  
 Cyclone Fence Co., Waukegan, Ill.  
 Sectional Lawn Guard & Fence Co., Galion, O. "Lawncap"  
 United Sales & Mfg. Corp., 1831 N. W. 23rd Pl., Portland, Ore. "Usamko"

**GUARDS, Spark, Fireplace**

(See also Screens, Fireplace)

Adams Co., Dubuque, Ia.  
 American Windshield & Specialty Co., 442 Boston Post Rd., Milford, Conn. "Puritan"  
 Bennett Fireplace Corp., Norwich, N. Y. "Bennett Flexscreen"  
 Bromwell Wire Goods Co., Cincinnati, O.  
 Buffalo Wire Wks. Co., Buffalo, N. Y.  
 Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. "Lock-Safe"  
 Grand Rapids Wire Products Co., Grand Rapids, Mich.  
 Howes (S. M.) Co., Boston, Mass.  
 Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
 Logan Co., Louisville, Ky.  
 Ohio Foundry & Mfg. Co., Steubenville, O.  
 Peerless Mfg. Corp., Louisville, Ky.  
 Sheffield Mfg. Co., 119 W. 25th, New York, N. Y.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**GUARDS, TOMATO—See Supports, Vine, Tomato**

**GUARDS, Tree**

Blair Tool & Machine Corp., College Point, N. Y.  
 Brown (H. L.) Fence & Mfg. Co., Cincinnati, O. "Norwood"  
 Buffalo Wire Wks. Co., Buffalo, N. Y.  
 Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av., Cincinnati, O. (Iron and Wire)  
 Cyclone Fence Co., Waukegan, Ill.  
 Fiske (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
 Reynolds Wire Co., Dixon, Ill. "Reynolds Snap-On"  
 Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Wright (G. F.) Steel & Wire Co., Worcester, Mass. "Superior"

**GUARDS, Window**

Adams Co., Dubuque, Ia.  
 Badger Wire & Iron Wks., Milwaukee, Wis.  
 Buffalo Wire Wks. Co., Buffalo, N. Y.  
 Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av., Cincinnati, O. (Iron and Wire)  
 Columbus Wire & Iron Wks. Co., Columbus, O.  
 Corbin, P. & F., New Britain, Conn.  
 Cyclone Fence Co., Waukegan, Ill. "Red Tag"  
 Davis & Siehl Co., Cincinnati, O. (Wire and Iron)  
 Grand Rapids Wire Products Co., Grand Rapids, Mich.  
 Hutchinson & Co., Dallas, Tex. "Sero-Grill"  
 Kentucky Metal Products Co., Inc., Preston & Audubon Park, Louisville, Ky.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Logan Co., Louisville, Ky.  
 Mesker Bros. Iron Co., St. Louis, Mo.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 Ney Mfg. Co., Canton, O. (Ventilating)  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
 Price-Evans Foundry Corp., Chattanooga, Tenn.  
 Roebbling's (John A.) Sons Co., Trenton, N. J. "Jersey"  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Ruswin"  
 Shur-Loc Window Guard Corp., 216 E. 26th, New York, N. Y. "Shur-Loc"  
 Slaymaker Lock Co., Lancaster, Pa.  
 Smith (F. P.) Wire & Iron Wks., Chicago, Ill. "Josier"  
 Snow (W. A.) Co., Inc., 53 State, Boston, Mass.  
 Southern Wire & Iron Works, Atlanta, Ga.  
 Standard Fence Co., Oakland, Cal.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
 Swett (A. L.) Iron Works, Medina, N. Y.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**GUIDES, Fishing Rod**

Horrocks-Ibbotson Co., Dept. S, Utica, N. Y.  
 Horton Mfg. Co., Bristol, Conn.  
 Mildrum (W. W.) Jewel Co., East Berlin, Conn.  
 Montague Rod & Reel Co., Montague City, Mass.  
 Pepper (J. F.) & Co., Rome, N. Y.  
 Union Hdw. Co., Torrington, Conn.

**GUMMED LABELS—See Labels, Gummed**

**GUMMED TAPE—See Tape, Gummed**

**GUMMERS, Saw**

Adams (W. T.) Mach. Co., Corinth, Miss.  
 Ajax Mfr. Co., Pittsburgh, Pa. "Mixer Champion," "Standard"  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Clizbe Bros. Mfg. Co., Plymouth, Ind. "Crown"  
 Covell-Hanchett Co., Big Rapids, Mich.  
 Fisher & Davis Mfg. Co., St. Louis, Mo.  
 Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Foley"  
 General Hdw. Co., Milwaukee, Wis.  
 Henderson (W. K.) Iron Wks. & Supply Co., Shreveport, La.  
 Winds (Thos.) Co., Malone, N. Y.  
 Howell (R. R.) & Co., Minneapolis, Minn.  
 Rogers (Samuel C.) & Co., Buffalo, N. Y.  
 Southern Saw Wks., East Point, Ga.

**GUNS, Air Blow**

Schrader's (A.) Son, Div. of Scovill Mfg. Co., Inc., 470 Vanderbilt Av., Bklyn., N. Y.  
**GUN BLUEING—See Blueing, Gun**  
**GUN BRUSHES—See Brushes, Gun**  
**GUN CASES—See Cases, Gun**  
**GUN CHOKES—See Chokes, Gun, Adjustable**  
**GUN CLEANERS—See Cleaners, Gun**  
**GUN CLEANING COMPOUNDS—See Compounds, Gun Cleaning**  
**GUN CLEANING PATCHES—See Patches, Gun Cleaning**  
**GUN CLEANING RODS—See Rods, Cleaning, Gun**  
**GUN COMPENSATORS—See Compensators, Gun**  
**GUN COVERS—See Covers, Gun**  
**GUN GREASES—See Greases, Rifle, Shot Gun, Etc.**  
**GUN OILS—See Oils, Gun**  
**GUN POWDER—See Powder, Gun**  
**GUN RECOIL PADS—See Pads, Gun Recoil**  
**GUN REPAIRERS—See Repairers, Gun**  
**GUN SIGHTS—See Sights, Gun**  
**GUN SILENCERS—See Silencers, Gun**  
**GUN SLINGS—See Slings, Gun and Rifle**  
**GUN STOCKS—See Stocks, Gun**

**GUNS, Automatic and Rapid Fire, Toy**

Bradley (Milton) Co., Springfield, Mass.  
 Daisy Mfg. Co., 414 Union, Plymouth, Mich. "G-Man"  
 Fox Co., Phila., Pa. "Indian Chief," "Western Scout"  
 Kilgore Mfg. Co., Westerville, O.  
 Langson Mfg. Co., 429 W. Superior, Chicago, Ill. "Nu-Matic"

# MAYES' WOOD and ALUMINUM LEVELS

Since 1896 Mayes' Levels have been the choice of Bricklayers, Masons, Carpenters, Plasterers, Tilesetters, Millwrights and Machinists the world over.

Mayes' Levels outsell competitive lines because they have that superior quality and workmanship, combined with *exclusive features* that make them absolutely *accurate and dependable*. The big Mayes' line includes a level for every purpose. Also a complete line of Plasterers' Tools, Hawks, Floats, etc. Sold thru Jobbers only. Send for literature and trade prices.

## MASONS AND CARPENTERS



No. 22— $2\frac{3}{8}$ "x $1\frac{1}{8}$ "x42"x48". Solid Genuine Mahogany in natural finish with Aluminum or Brass end plates.



No. 69—24" to 30"  $2\frac{1}{2}$ "x $1\frac{3}{16}$ ". Two glass level. Made of California Sugar Pine. Three coats red color varnish.



No. 77—42"x48"x $2\frac{1}{2}$ "x $1\frac{3}{16}$ ". Fully brass bound. Made of California Sugar Pine, reversible. No. 33 same, only plain, three coats red weather proof varnish.



No. 55—42" and 48"x $2\frac{1}{2}$ "x $1\frac{3}{16}$ ". Fully brass bound. Made of California Sugar Pine, reversible. No. 56 same, only plain, three coats red weather proof varnish.



No. 124. Size  $2\frac{1}{16}$ "x1". Mayes' "Sta-Right" Aluminum Level for Carpenters. Sizes: 18" to 30".



No. 2426—24"-30". Six Glasses—Four Plumbs and Two Levels. Width  $2\frac{3}{8}$ "x $1\frac{1}{16}$ ".



No. 112 Genuine Walnut (12"). Natural Finish—Brass Trimmings.



No. 312—12" long Aluminum Level. Two levels one plumb one 45 degrees.



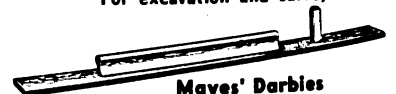
No. 421. Size  $2\frac{3}{16}$ "x $15\frac{1}{16}$ " Size 24" For Carpenters.



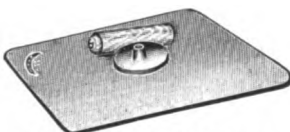
No. 49 Aluminum Torpedo. Featherweight 9"-3" Glass.



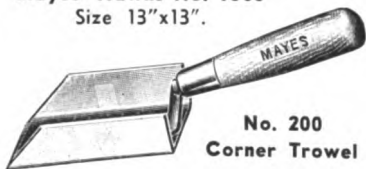
Aluminum Line Level  
No. 20.  $3\frac{1}{8}$ " long.  
For excavation and survey work.



Mayes' Darbies  
No. 224. 18" Rib, 4" handle.  
44" long.



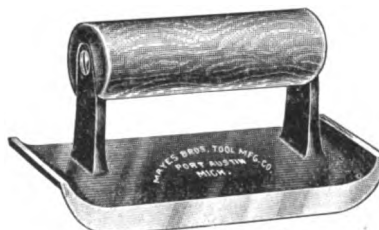
Mayes' Hawks No. 1300  
Size 13"x13".



Polished cold rolled steel.



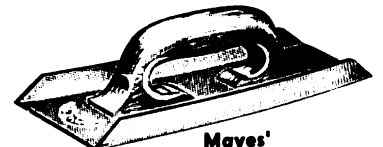
Seasoned Hardwood Maple with Bronze Insert Blade.  
No. 407. No. 406 Plain.



No. 17  
Cast Cement Edger  
Aluminum Finished Top.



No. 512—5" x 12" Wood Float  
Made of California White Pine.



Mayes' Aluminum Angle Float  
No. 300. Both Ends Beveled.  
Size  $10\frac{1}{4}$ "x $3\frac{3}{4}$ ". (Patented.)

## MAYES' PLASTERERS' TOOLS

Mayes' Plasterers' and Cement Tools will increase your Plasterers' business because this well known line has been popular for 44 years. These tools are always outstanding sellers because the great demand for them and increased production permits them to be sold at low prices. The Mayes' line is noted for *quick turnover and steady profits*.

SOLD THROUGH JOBBERS ONLY  
Write for complete catalog

# MAYES BROS. TOOL MFG. CO.

PORT AUSTIN, MICHIGAN, U.S.A.

Mention Hardware Age When Writing



**GUNS, Automatic, Rapid Fire, Toy (Continued)**

Schenhut Mfg. Co., 2046 Castor Av., Phila., Pa.  
Steel Stamping Co., Lorain, O.  
Strait Mfg. Co., 2480 Bellevue, Detroit, Mich.  
"Pe-Matic"  
Upson Machine Co., St. Joseph, Mich.

**GUNS, Borer Control**

Smith (D. B.) & Co., Utica, N. Y. "Bore-X-Gun"

**GUNS, Caulking**

Albion Mfg. Co., Albert & Martha, Phila., Pa.  
Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
Crewe Mfg. & Tool Co., 3052 E. 80th, Cleveland, O. "Universal"  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis. "Sprayit"  
Kenmar Mfg. Co., Albert & Martha, Phila., Pa.  
Lark Products Co., American Bank Bldg., Pittsburgh, Pa.  
Pascoe Airbrush Co., Chicago, Ill.  
Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa. "Pecora"  
Premier Tool Co., Cleveland, O. "Premier"  
Rose (Frank) Mfg. Co., Hastings, Neb. "Rose"  
Sawtoe Mfg. Co., 3418 Gratiot, St. Louis, Mo.  
Tremco Mfg. Co., 393 E. 131st, Cleveland, O. "Tremco"  
Vital Products Mfg. Co., 7500 Quincy Av., Cleveland, O.

**GUNS, Glazing**

Albion Mfg. Co., Albert & Martha, Phila., Pa.  
Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
Kenmar Mfg. Co., Albert & Martha, Phila., Pa.  
Saw Machine Co., Cleveland, O. "Wizard"  
Tremco Mfg. Co., 393 E. 131st, Cleveland, O. "Tremco"

**GUNS, Graphite**

Dixon (Joseph) Crucible Co., Wayne and Manmouth, Jersey City, N. J. "Graph-Air"  
General Utilities Co., 140 W. 42nd, New York, N. Y. "Velzon"  
Hofman (H.) Co., 6243 N. Western Av., Chicago, Ill. "Micro-Spray"

**GUNS, Grease**

Albion Mfg. Co., Albert & Martha, Phila., Pa.  
Cincinnati Ball Crank Co., Oakley, Cincinnati, O. "Balerank"  
Kenmar Mfg. Co., Albert & Martha, Phila., Pa.  
Lincoln Engineering Co., 5701 North Bridge Av., St. Louis, Mo. "Lincoln"  
Resart-Warner Corp., 1828 Diversey Pkwy., Chicago, Ill. "Alenite"  
Vital Products Mfg. Co., 7500 Quincy Av., Cleveland, O.

**GUNS, Insect Powder—See Dusts, Insecticide**

**GUNS, Shot**

(See also Rifles)  
Downing Arms Co., 1132 Spruce, St. Louis, Mo.  
Gun Div., Savage Arms Corp., Utica, N. Y. "Sterlingworth"  
Hills & Howe, Inc., 202 E. 44th, New York, N. Y.  
Harrison & Richardson Arms Co., Worcester, Mass. "Bay-State," "Standard"  
Hamer Arms Co., Inc., Fulton, N. Y. "Fulton"  
"L. C. Smith"  
Hills Gun Co., Ithaca, N. Y.  
Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass. "Champion," "Matted Top Rib," "Skeeter," "Special Trap," "Supertrap"  
Savage Arms Co., Inc., Ithaca, N. Y.  
Smith Firearms Co., New Haven, Conn.  
Sprengel (O. F.) & Sons, Inc., 131 St. John, New Haven, Conn. "Mossberg"  
Walter Gun Wks., Div. of Remington Arms Co., Inc., Bridgeport, Conn.  
Remington Arms Company, Inc., Bridgeport, Conn.  
Savage Arms Corp., Utica, N. Y. "Fox," "Stevens"  
Winchester Arms Co., Chicopee Falls, Mass.  
Remington Arms Company, Inc., Bridgeport, Conn. "Sportman"  
Savage (J.) Arms Co., Div. Savage Arms Corp., Chicopee Falls, Mass. "Springfield," "Stevens," "Crescent-Davis"  
Western Arms Corp., Ithaca, N. Y.  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

**GUNS, Shot, Air**

Wiley Mfg. Co., 414 Union, Plymouth, Mich. "Buck Jones"  
"Buzz Barton" (Lightning-Loader)

**GUNS, Skeet**

Downing Arms Co., 1132 Spruce, St. Louis, Mo.  
Gun Div., Savage Arms Corp., Utica, N. Y.  
Hamer Arms Co., Inc., Fulton, N. Y. "Fulton"  
"L. C. Smith"  
Hills Gun Co., Ithaca, N. Y.  
Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass. "Champion," "Matted Top Rib," "Skeeter," "Special Trap," "Supertrap"  
Savage Arms Co., Inc., Ithaca, N. Y.  
Smith Firearms Co., New Haven, Conn.  
Sprengel (O. F.) & Sons, Inc., 131 St. John, New Haven, Conn. "Mossberg"  
Walter Gun Wks., Div. of Remington Arms Co., Inc., Bridgeport, Conn.  
Remington Arms Company, Inc., Bridgeport, Conn.  
Savage Arms Corp., Utica, N. Y. "Fox," "Stevens"  
Winchester Arms Co., Chicopee Falls, Mass.

Stevens (J.) Arms Co., Div. Savage Arms Corp., Chicopee Falls, Mass. "Crescent-Davis," "Springfield," "Stevens"  
Western Arms Corp., Ithaca, N. Y.  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

**GUNS, Spray**

Andrews Spray Equipment Co., Cleveland, O.  
Binks Mfg. Co., 3114 Carroll Av., Chicago, Ill. "Thor"  
Brown (W. R.) Corp., 5724 Armitage Av., Chicago, Ill. "Marvel," "Speedy"  
Champion Pneumatic Mch. Co., 8164 South Chicago Av., Chicago, Ill.  
Crown Spray Gun Mfg. Co., 1218 Venice Blvd., Los Angeles, Cal. "Crown"  
Deming Co., Salem, O.  
DeVilbiss Co., Toledo, O.  
Eclipse Air Brush Co., Inc., 390 Park Av., Newark, N. J. "Eclipse"  
Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis. "Sprayit"  
Gast Mfg. Co., Benton Harbor, Mich.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Lowell Specialty Co., Lowell, Mich.  
Marion Tool Corp., Marion, Ind. "Magic"  
Metal Specialties Mfg. Co., Chicago, Ill. "Presto"  
Milburn (Alexander) Co., Baltimore, Md.  
Myers (F. E.) & Bro. Co., Ashland, O.  
Rogers Products Co., Inc., 184 Pacific Av., Jersey City, N. J. "Everready"  
Saylor-Beall Mfg. Co., 1509 E. Philadelphia Av., Detroit, Mich.  
Sharp Mfg. Co., 1319 Maple Av., Los Angeles, Cal.  
Simons Paint Spray Brush Co., Dayton, O.

**GUNS, Spray, Metal**

Turner Brass Works, Sycamore, Ill.

**GUY CLAMPS—See Clamp, Cable**

**GYMNASIUM APPARATUS—See article desired**

**GYMNASIUM MATS—See Mats, Gymnasium**

**GYMNASIUM SHOES—See Shoes, Gymnasium**

**HACKSAW BLADE HANDLES—See Handles, Hacksaw**

**HACK SAW BLADES—See Saws, Hack**

**HACK SAW FRAMES—See Frames, Hack Saw**

**HACKING KNIVES—See Knives, Hacking**

**HAIR CLIPPERS—See Clippers, Hair**

**HAIR CLIPPERS, ELECTRIC—See Clippers, Hair, Electric**

**HAIR DRYERS—See Dryers, Hair**

**HAIR TASSELS—See Tassels, Hair**

**HAIR TWEEZERS—See Tweezers**

**HALTER CHAINS—See Chains, Halter**

**HALTER ROPE—See Rope, Halter**

**HALTERS**

(See also Harness and Saddlery)

Adams Bros. & Co., Utica, N. Y.  
Allen (Bona), Inc., Buford, Ga.  
Barret (W. G.) Co., Inc., Owensboro, Ky.  
Beard (H. B.) & Co., York, Pa.  
Beasecker Mfg. Co., Minneapolis, Minn. "S. & Q."  
Boyt Harness Co., Des Moines, Ia. "Hold-All"  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
Buffalo Weaving & Belting Co., Black Rock, N. Y.  
Caldwell Lace Leather Co., Auburn, Ky.  
California Tanning Co., St. Louis, Mo.  
Chicago Belting Co., 121 N. Green, Chicago, Ill.  
Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
Clinton Saddlery Co., Clinton, Ia.  
Covert Mfg. Co., Troy, N. Y.  
Crump (Ben.) T. Co., Inc., Richmond, Va.  
Dakota Harness & Hdwe. Co., Fargo, N. Dak.  
Dorries Co., Inc., 89 Bway, Buffalo, N. Y.  
Duhamel Co., Rapid City, N. Dak.  
Dusman, H. E., York, Pa.  
Ferguson Co., 1000 Bway, Paducah, Ky.  
Franklin Cotton Mills Co., Cincinnati, O.  
Friend (Chas.) & Son, Inc., 343 Jackson, St. Paul, Minn.  
Gem Hammock & Fly Net Co., Milwaukee, Wis.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Goetz Saddlery Co., Ranson, W. Va.  
Graton & Knight Mfg. Co., Worcester, Mass.  
Harbison & Gathright, Inc., Louisville, Ky.  
Harpham Bros. Co., Lincoln, Neb.  
Harrer, Fred C., 1107 W. Montgomery Ave., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Heiser (Herman H.) Saddlery Co., Denver, Colo.  
Hermann-Brownlow Co., Springfield, Mo. "Eclipse"  
Hess & Hopkins Leather Co., Rockford, Ill.  
Hide & Leather Co., Seymour, Ind.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Jackson (A. D.) Saddlery Co., Benton, Ill.  
Jim Dandy Collar Co., Bradford, Ill.  
Johnson Ideal Halter Co., Aurora, Ill.  
Keyston Bros., 755 Mission, San Francisco, Cal.  
Klein Savidge Co., Inc., 161 N. Third, Phila., Pa.  
Konf Mfg. Co., 49 Warren, New York, N. Y. "Blue Ribbon"  
Krieger (J. P.) Saddlery Co., 320 Pearl, Louisville, Ky.

Kurzynski Mfg. Co., 1608 Central Av., Cincinnati, O. "Kurco"  
Lawrence (Geo.) Co., Portland, Ore.  
Lea Co., Elgin, Ill.  
Lichtenberger-Ferguson Co., Los Angeles, Cal.  
McConnell (S. R. & I. C.) Co., Burlington, Ia.  
Merchants Supply Co., Ft. Wayne, Ind.  
Meyer Bros. Saddlery Co., Sioux City, Ia.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Moore Bros. Corp. of Albany, 83 Green, Albany, N. Y.  
Mueller (Fred) Saddle & Harness Co., Denver, Colo.  
New Braunfels Leather Co., Inc., New Braunfels, Tex.  
Noe (Geo. D.) Harness Co., Minneapolis, Minn.  
Nott (W. S.) Co., 201 N. 3rd, Minneapolis, Minn. "Noco"  
Olmsted Co., 235 W. Water, Syracuse, N. Y.  
Orman Partee Saddlery Co., Nashville, Tenn.  
Oxley Bros., 31 W. Main, Newark, O.  
Ozias (J. H.) Mfg. Co., Quakertown, Pa.  
Padgett Bros. Co., Dallas, Tex. "Broncho"  
Pegnier (T. J.), Inc., Springfield, Mass.  
Pierce Harness Co., Spokane, Wash.  
Rugg (E. T.) & Co., Newark, O. (Rope)  
Russell Mfg. Co., Middletown, Conn.  
Schafer Co., Decatur, Ind. "Black Beauty"  
Scheffer & Ruscum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"  
Schoellkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Shelbyville Harness Co., Shelbyville, Tenn.  
Shipley (Chas. P.) Saddlery & Merc. Co., Kansas City, Mo.  
Smith Sons Harness Co., Inc., Buffalo, N. Y.  
Smith Worthington Saddlery Co., Hartford, Conn.  
Southern Saddlery Co., Inc., Chattanooga, Tenn.  
Standard Belt Co., Chelsea, Mass.  
Standard Products Mfg. Co., Milwaukee, Wis.  
Sternberg (A.) Saddlery, Albany, Ore.  
Stratton-Warren Hdwe. Co., Memphis, Tenn. "Elk"  
Straus-Bodenheimer Co., Houston, Tex. "Star Brand"

Strecker Bros. Co., Marietta, O.  
Syracuse Saddlery Co., Syracuse, N. Y.  
Texas Tanning & Mfg. Co., Yoakum, Tex.  
Van Nostrand Saddlery Co., Muscatine, Ia. "Vanco"  
Van Voorhies-Phinney Co., Sacramento, Cal.  
Virginia Leather Co., Richmond, Va.  
Vogel, Adolf, San Antonio, Tex. "Vogel"  
Walsh Harness Co., Milwaukee, Wis.  
Wayne Saddlery Co., Wayne, Mich.  
Weider (John A.) & Son, Inc., Rochester, N. Y.  
Western Rawhide & Belting Co., Milwaukee, Wis.  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Wiggert Bros., La Crosse, Wis.  
Wyeth Hardware & Mfg. Co., St. Joseph, Mo.  
HAM BOILERS—See Kettles, Cast Iron  
HAMBURGER ROASTERS—See Roasters, Frankfurt and Hamburger  
HAME CHAINS—See Chains, Hame  
HAME STRAPS—See Straps, Hame

**HAME TRIMMINGS**

Imperial Bit & Snap Co., Racine, Wis.  
Midland Co., South Milwaukee, Wis.  
North & Judd Mfg. Co., New Britain, Conn. "Anchor Brand"  
Ushco Mfg. Co., Inc., Buffalo, N. Y.

**HAMES**

American Hame & Bit Co., 57 N. J. R. R. Av., Newark, N. J.  
Beagle Hame Wks., Freeland, Pa.  
Kelsey, Newton & Sons, Evansville, Ind.  
North & Judd Mfg. Co., New Britain, Conn.  
Ushco Mfg. Co., Inc., Buffalo, N. Y. "Long Star"

**HAMMER AND SCREW DRIVER COMBINATION**

—See Tools, Combination

**HAMMER HANDLES—See Handles, Hickory**

**HAMMER MOLDS—See Molds, Hammer, Soft Metal**

**HAMMER, Spring Drills—See Drills, Hammer Metal**

**HAMMER WEDGES—See Wedges, Axe, Hammer and Hatchet**

**HAMMERS, Athletic**

Medart (Fred) Mfg. Co., St. Louis, Mo.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.

**HAMMERS, Ball Pein, Cast Steel**

United States Tool Corp., Louisiana, Mo.

**HAMMERS, Ball Pein, Forged Steel**

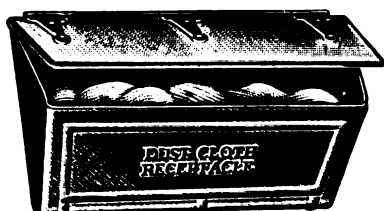
Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
Belden Mach. Co., New Haven, Conn. "Bel-den"  
Billings & Spencer Co., Hartford, Conn.  
Capewell Mfg. Co., 60 Governor, Hartford, Conn. "Capewell"  
Champion-De Arment Tool Co., Meadville, Pa.  
Estwing Mfg. Co., Rockford, Ill. "Estwing," "Unbreakable"  
Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Acme," "Crescent," "Evansville"

# The Fulton Line

## OPENS UP NEW MARKETS

There's year 'round demand for the FULTON LINE of household appliances. A complete line of fast selling, profitable items . . . made by the largest manufacturer of city Letter Boxes and Dust Pans in the United States!

"A Pattern and Price for Every Taste and Purse."



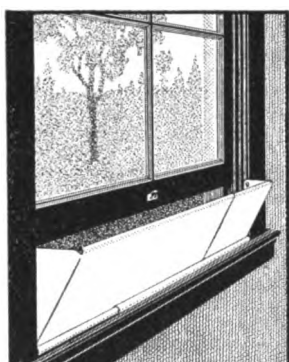
### NEW! DUST CLOTH RECEPTACLE

The only one of its kind. Every home can afford one or more of these new, low-priced *Dust Cloth Receptacles*! Holds ample supply of dust cloths. Openings provided for

easy wall attachment. Finish in black, ivory, green or blue enamel.

### NEW! WINDOVENT

Think of it! A Window Ventilator for only 50¢! All metal, unbreakable. Adjustable—fits all windows from 20" to 36" width. Windovent keeps out rain, drafts, etc.—does not interfere with opening or closing window. Finished in ivory, green or white.



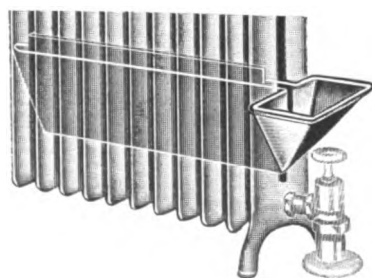
### NEW! SCRUB PAIL DOLLY

Another new, low-priced Specialty needed wherever floors are scrubbed. Ends drudgery of lifting or pushing scrub pail . . . prevents scratching or marring linoleum, varnished or waxed floors. Has four ball bearing casters. Rust-resistant galvanized finish.



### FULTON HEALTHIFIER

Every day there's greater recognition of the necessity for air humidification for health and comfort—so demand and sales of the low-priced Fulton Healthifiers are constantly increasing. Water pan concealed—cannot tip over. One piece rust-resistant metal—1 quart and 1½ quart sizes. Also models for warm air registers.

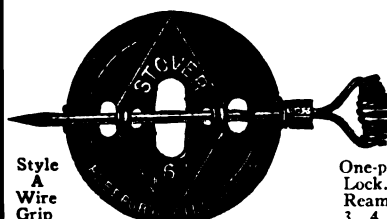


Ask Your Wholesaler About Our Low Prices  
**PATENT NOVELTY COMPANY**  
305 Eighth Avenue  
FULTON, ILLINOIS, U.S.A.

## STOVER MFG. & ENGINE COMPANY

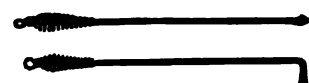
Dept. 81-G, Freeport, Illinois, U. S. A.

### STOVE ACCESSORIES



#### Red Spindle Reversible Dampers

One-piece Steel Spindle. Positive Lock. Covered Spring. Sharp Reamer Points. Round Blades in 3, 4, 4½, 5, 5½, 6, 7, 8, 9, 10 and 12 inch sizes. Oval Blades in 5, 5½, 6, 7 and 8 inch sizes. Also solid blades for gas and oil burners.



#### Stove Pokers

Cool Handle, Nickel Plated, ¼, 9/32, and ¾ inch diameter, 20 inch to 30 inch long. Also Cool Handle Fire Shovels and Heavy Furnace Pokers.



#### Stove Lifters

Style 66 is illustrated. Sixteen patterns in all, including Coil Wire Loop Handles and Combination Shakers and Lifters.

## BUILDERS' HARDWARE

### Pulleys



Nos. 45, 46

No. 45—Steel swivel eye. Single wheel. Cadmium. No. 46—Japanned. ½ to 2 inches.

No. 75—Fast eye, single wheel. Cadmium.

No. 65—Japanned. ½ to 2½ inches.

No. 55—Steel swivel eye, double wheel. Cadmium. No. 56—Japanned. ½ to 2 inches.

No. 95—Fast eye, double wheel. Cadmium.

No. 85—Japanned. ½ to 2½ inches.

No. 32—Side pulleys. Cast iron. Japanned. 1 to 5 inches.

No. 201—Clothes line pulley. Knot-passing. Cadmium. 1¼ to 2 inches.

No. 105—Cast frame and wheel. Japanned. Bright screw eye. ½ to 1 inch.

No. 166—Hot House Pulley. Double wheel. Cast iron. Japanned. 2 and 2½ inch.

No. 165 Single Wheel 1¼, 2 and 2½ inch.



No. 201



No. 105



No. 166



Nos. 55, 56



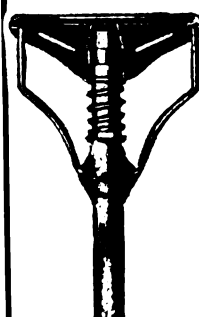
No. 32



No. 165

### Handy Hook, No. 105

Just the thing for hanging up tools, brooms, etc., in basement, garage, porch or barn. Cast iron. Cadmium finish. Carded with screws.



### NEW NO. 67 MOPSTICK

For household use. Full standard size. One piece 6" head. Rustless cadmium finish. ¾" by 48" waxed, guaranteed straight, handle. A machine driven, self-clinching staple holds the tempered spring from slipping down and the head from rotating. Tied 1 dozen in bundle. Weight 10 pounds.

SEND FOR STOVER'S  
COMPLETE  
HDWE. CATALOG

### JANITOR SIZE SCREW TYPE

Japanned or cadmium finish 7¼" steel heads. Brass or steel bolts. 1¼" by 54" ash handle. Tied one dozen in bundle. Weight 30 pounds. Write for information covering the complete line of Stover household and janitor size mopsticks.





**HAMMERS, Ball Pein, Forged Steel**  
(Continued)

Fairmount Tool & Forging Co., Cleveland, O.  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J. "Rubber"  
Henry & Allen, Inc., 2-36 Wadsworth, Auburn, N. Y.  
Hubbard Co., Pittsburgh, Pa.  
Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Flint Edge," "Kelly Perfect," "Vulcan"  
McKain-Hatch Co., Inc., Buffalo, N. Y.  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Maydole," "Maydole," "Norwich"  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Plumb (Fayette R.), Inc., Phila., Pa.  
Prentiss Vise Co., Little Falls, N. Y. "Cheney"  
Quality Tools Corp., New Wilmington, Pa. "Old-Forged"  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Defiance," "Stanley-Atha"  
Ushco Mfg. Co., Inc., Buffalo, N. Y. "Ushco"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel," "Twentieth Century"  
Viechek Tool Co., 3006 E. 87th, Cleveland, O.

**HAMMERS, Bill Posters', Forged Steel**

Gibson Good Tools, Inc., Orange, Mass. "Horseshoe Magnet"  
Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kelly"  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel"

**HAMMERS, Blacksmiths', Forged Steel**

Champion-De Arment Tool Co., Meadville, Pa.  
Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Acme," "Evansville"  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
Iron City Tool Wks., Pittsburgh, Pa.  
Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Flint Edge," "Kelly Perfect," "Vulcan"  
Klein-Logan Co., Pittsburgh, Pa.  
Maydole (David) Tool Corp., Norwich, N. Y. "Maydole," "Norwich"  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Maydole," "Norwich"  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"  
Plumb (Fayette R.), Inc., Phila., Pa.  
Prentiss Vise Co., Little Falls, N. Y. "Cheney"  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel," "Twentieth Century"  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.  
Woodings-Verona Tool Wks., Verona, Pa.

**HAMMERS, Boiler Makers', Forged Steel**

Iron City Tool Wks., Pittsburgh, Pa.

**HAMMERS, Brass**

Millers Falls Co., Greenfield, Mass.

**HAMMERS, Brick—See Hammers, Bricklayers', Forged Steel****HAMMERS, Bricklayers', Forged Steel**

Brunner & Lay Co., Chicago, Ill.  
Burbal Tool Mfg. Co., Inc., 220 Adams, Brooklyn, N. Y.  
Drew (C.) & Co., Kingston, Mass.  
Duffy Mfg. Co., Chicago, Ill.  
Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Acme," "Evansville"  
Griffith Tool Wks., Phila., Pa. "Franklin," "German-town"  
Iron City Tool Wks., Pittsburgh, Pa.  
Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Flint Edge," "Perfect," "Vulcan"  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Maydole," "Norwich"  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"  
Plumb Tool Co., Los Angeles, Cal.  
Plumb (Fayette R.), Inc., Phila., Pa.  
Prentiss Vise Co., Little Falls, N. Y. "Cheney"  
Roe (Wm.) & Bros., Sharon Hill, Pa.  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Garden City," "Supersteel"  
Viechek Tool Co., 3006 E. 87th, Cleveland, O.  
Warwood Tool Co., Wheeling, W. Va.

**HAMMERS, Chipping, Forged Steel**

Duffy Mfg. Co., Chicago, Ill.  
Griffith Tool Wks., Phila., Pa. "Franklin," "German-town"  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Maydole"  
Warwood Tool Co., Wheeling, W. Va.

**HAMMERS, Concrete—See Hammers, Electric, Portable****HAMMERS, Electric Portable**

Black & Decker Mfg. Co., Towson, Md.  
Chicago Pneumatic Tool Co., 6 E. 44th, New York, N. Y. "Boyer," "Little Giant"  
Millers Falls Co., Greenfield, Mass.  
Milwaukee Electrical Tool Corp., Milwaukee, Wis. "Hammerdrill"  
Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"  
Stanley Electric Tool Div., Stanley Works, New Britain, Conn.  
Syntroon Co., 1988 Black, Homer City, Pa.  
Van Dorn Electric Tool Co., Towson, Md.  
Wodack Electric Tool Corp., 4627 W. Huron, Chicago, Ill. "Do-All"

**HAMMERS, Engineers', Forged Steel**

Billings & Spencer Co., Hartford, Conn.  
Champion-De Arment Tool Co., Meadville, Pa.  
Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Acme," "Evansville"  
Fairmount Tool & Forging Co., Cleveland, O.  
Griffith Tool Wks., Phila., Pa.  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
Hubbard Co., Pittsburgh, Pa.  
Iron City Tool Wks., Pittsburgh, Pa.  
Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Flint Edge," "Kelly Perfect," "Vulcan"  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Maydole," "Norwich"  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"  
Plumb (Fayette R.), Inc., 4837 James, Phila., Pa.  
Prentiss Vise Co., Little Falls, N. Y. "Cheney"  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel," "Twentieth Century"  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.  
Woodings-Verona Tool Wks., Verona, Pa.

**HAMMERS, Farriers', Forged Steel**

Champion-De Arment Tool Co., Meadville, Pa.  
"Clean Claw," "Critica," "Driving," "Maud S," "Scotch"  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J. "Rubber"  
Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Flint Edge," "Perfect," "Vulcan"  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Maydole"  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"  
Plumb (Fayette R.), Inc., Phila., Pa.  
Prentiss Vise Co., Little Falls, N. Y. "Cheney"  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel"

**HAMMERS, Glaziers'**

Smith (Landon P.), Inc., Irvington, N. J. "Red Devil"

**HAMMERS, HEAVY—See Sledges****HAMMERS, Horseshoers'—See Hammers, Farriers', Forged Steel****HAMMERS, Magnetic—See Hammers, Tack, Magnetic Forged Steel****HAMMERS, Masons', Forged Steel**

Brunner & Lay Co., Chicago, Ill.  
Drew (C.) & Co., Kingston, Mass.  
Duffy Mfg. Co., Chicago, Ill.  
Fairmount Tool & Forging Co., Cleveland, O.  
Granite City Tool Co., Barre, Vt. "Safe-Hed"  
Iron City Tool Wks., Pittsburgh, Pa.  
Roe (Wm.) & Bros., Sharon Hill, Pa.  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
Viechek Tool Co., 3006 E. 87th, Cleveland, O.  
Vulcan Tool Mfg. Co., Quincy, Mass.  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.

**HAMMERS, Nail, Cast Iron**

Arcade Mfg. Co., Freeport, Ill.  
Ennis Mfg. Co., Reading, Pa. "N. S."  
Grey Iron Casting Co., Mt. Joy, Pa.  
Stover Mfg. & Engine Co., Freeport, Ill.  
U. S. Lock & Hdw. Co., Columbia, Pa.  
Wrightsville Hdw. Co., Wrightsville, Pa.

**HAMMERS, Nail, Cast Steel**

United States Tool Corp., Louisiana, Mo.

**HAMMERS, Nail, Forged Steel**

Capewell Mfg. Co., 60 Governor, Hartford, Conn.  
"Capewell"  
Champion-De Arment Tool Co., Meadville, Pa.  
"Mead"  
Chisel-Edge Claw Hammer Co., Hoboken, N. J. (Combination Claw and Chisel-Edge)

Collins Co., Collinsville, Conn. "Argyle," "Collins," "Commonwealth," "King"  
Estwing Mfg. Co., Rockford, Ill. "Estwing," "Unbreakable"  
Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Acme," "Crescent," "Defender," "Evansville"  
Griffith Tool Wks., Phila., Pa. "Franklin," "German-town"

Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J. "Rubber" (Shock Absorber)  
Henry & Allen, Inc., 2-36 Wadsworth, Auburn, N. Y.  
Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Champion," "Demon," "Falls City," "Flint Edge," "Hand Made," "Ideal," "Perfect," "Union Tool Co.," "Vanadium," "Vulcan," "World's Finest," "Yellow Hammer"

Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Black Forged," "D. M. T.," "Maydole," "Maydole," "Norwich," "Octole"  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"

Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Plumb (Fayette R.), Inc., Phila., Pa.  
Prentiss Vise Co., Little Falls, N. Y. "Cheney," "Mohawk," "Silver King" (Nail Holder)  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Defiance," "Stanley-Atha"  
Storms Drop Forging Co., Springfield, Mass.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Garden City," "Supersteel," "Twentieth Century," "Value," "Vanadium"

**HAMMERS, Napping, Forged Steel**

Hubbard & Co., Pittsburgh, Pa.  
Iron City Tool Works, Pittsburgh, Pa.  
Klein-Logan Co., Pittsburgh, Pa.  
Leetonia Tool Co., Leetonia, O.  
Plumb (Fayette R.), Inc., 4837 James, Phila., Pa.  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.  
Woodings-Verona Tool Works, Verona, Pa.

**HAMMERS, Patternmakers', Forged Steel**

Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Maydole"

**HAMMERS, Plow—See Hammers, Engineers' Forged Steel****HAMMERS, Prospecting, Forged Steel**

Estwing Mfg. Co., Rockford, Ill. "Estwing," "Unbreakable"  
Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Acme," "Evansville"  
Leetonia Tool Co., Leetonia, O.  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Maydole," "Norwich"  
Plumb Tool Co., Los Angeles, Cal.  
Prentiss Vise Co., Little Falls, N. Y. "Cheney"  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Garden City," "Supersteel"  
Warren Tool Corp., Warren, O. "Quikwerk"  
Warwood Tool Co., Wheeling, W. Va.

**HAMMERS, Rawhide**

(See also Mallets, Rawhide)

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
Garland Mfg. Co., Saco, Me. "Garland"  
Greene, Tweed & Co., 101 Park Av., New York, N. Y. "Basa"

**HAMMERS, Riveting, Forged Steel**

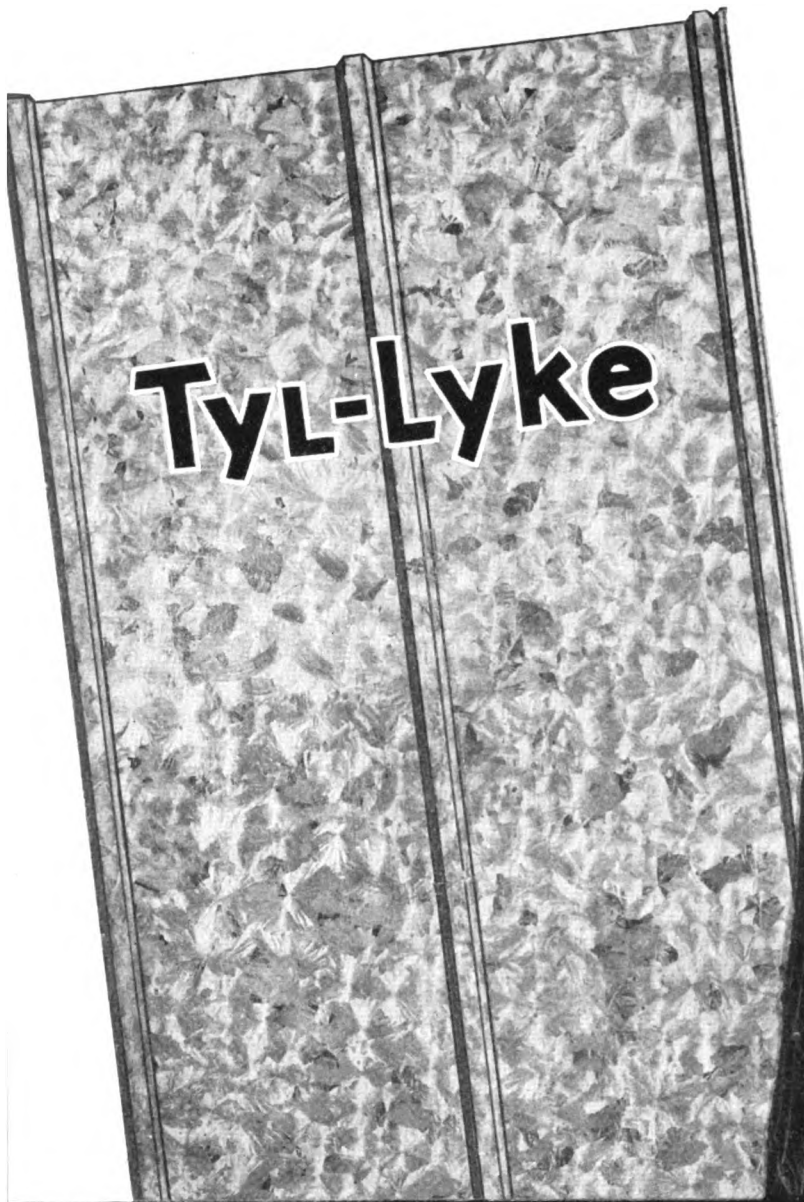
Champion-De Arment Tool Co., Meadville, Pa.  
Duffy Mfg. Co., Chicago, Ill.  
Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Evansville"  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
Iron City Tool Wks., Pittsburgh, Pa.  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Maydole"  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"  
Plumb (Fayette R.), Inc., Phila., Pa.  
Prentiss Vise Co., Little Falls, N. Y. "Cheney"  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
Ushco Mfg. Co., Inc., Buffalo, N. Y. "Ushco"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
Warwood Tool Co., Wheeling, W. Va.  
Woodings-Verona Tool Wks., Verona, Pa.

**HAMMERS, Saw Setting**

Atkins (E. C.) & Co., Indianapolis, Ind. "A. A. A." (Saw Makers)  
Disston (Henry) & Son, Inc., (Tacony), Phila., Pa.  
Iron City Tool Wks., Pittsburgh, Pa.  
Kelly Axe & Tool Works of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kelly"  
Menominee Saw Co., Menominee, Mich.  
Simonds Saw & Steel Co., Fitchburg, Mass.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel"  
Warwood Tool Co., Wheeling, W. Va.

# TWO GREAT SALES LEADERS

BACKED BY A LOCAL SALES BUILDING PROGRAM  
THAT BRINGS BUYERS TO YOUR STORE



**Tyl-Lyke**

The Continental is a popular line. It's a line that sells it has many modern practical features that customers like only dealer line of steel products made under CER QUALITY standards. It's the line that established sales with many dealers in 1939. It's the line that has more than any other in 1940 in the way of local sales helps for

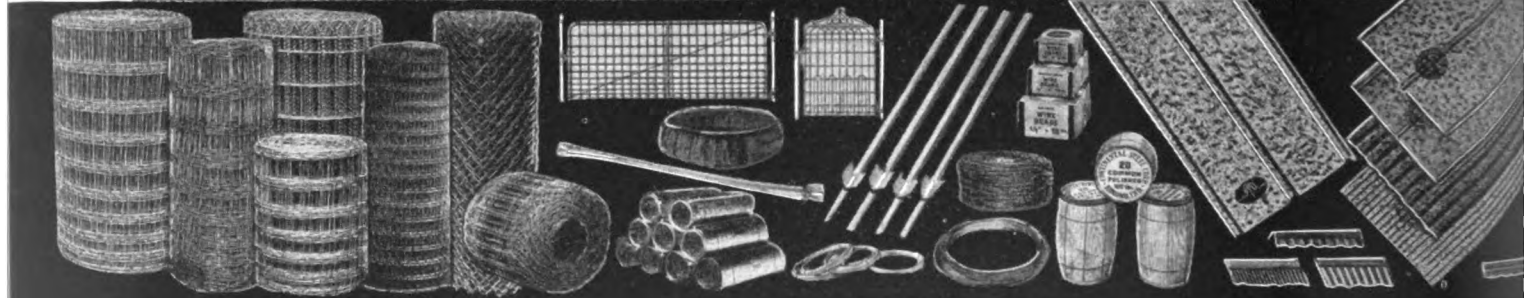
How would you like to have fifty, seventy-five, or a hundred customers come to your store to buy fence, gates, post roofing, etc., and every one also a prospect for fork hole diggers, tools, wheelbarrows, and other items you Continental has a plan that will do this for you. Dealers it's like adding an outside salesman. It goes out and finds prospects, gets them interested, and brings them in ready

**CONTINENTAL STEEL CORPORATION**

General Offices: KOKOMO, INDIANA • Plants at Canton, Kokomo and Indianapolis



**CONTINENTAL**  
*Flame & Sealed*  
U.S. PATS. RE. 18871, 19209 AND PATS. PENDING.  
**FENCE**



# CONTINENTAL

83 STEEL PRODUCTS FOR FARM AND HOME IMPROVEMENT



**HAMMERS, Shoemakers'**

Champion-De Arment Tool Co., Meadville, Pa.  
 Griffith Tool Wks., Phila., Pa. "Germantown"  
 Isperle (John C.) Foundry Co., St. Louis, Mo.  
 "Eclipse"  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"

Sargent & Co., New Haven, Conn.  
 Bar Heel Plate Co., Louis Sacks, Inc., 357 Wilson  
 Av., Newark, N. J.  
 J. S. Lock & Hdw. Co., Columbia, Pa.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av.,  
 Chicago, Ill. "Garden City," "Supersteel"  
 Williams (A. C.) Co., Ravenna, O.

**HAMMERS, Slaters'—See Tools, Roofing**

**HAMMERS, SLEDGE—See Sledges**

**HAMMERS, Soft Face**

Orsberg Mfg. Co., Sea View Av., Bridgeport, Conn.  
 "Thor"  
 Stanley Tools Div., Stanley Works, New Britain,  
 Conn. "Stanloid"

**HAMMERS, Soft Metal**

Kraham (James) & Co., New Haven, Conn.  
 Williams (E. A.) & Son, 105 Plymouth, Jersey City,  
 N. J.

**HAMMERS, Staple, Automatic**

Burgess Co., Inc., Beaver Falls, Pa. "Neu-Tak"

**HAMMERS, Stone Cutters', Forged Steel**

(See also Mallets, Stone Cutters')

Acme Forge Wks., Inc., Seattle, Wash. "Acme"  
 Brunner & Lay, Chicago, Ill.  
 Mallet (Thos. H.) Co., Phila., Pa.  
 Evansville Tool Wks., Div. of The American Fork  
 & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 "Evansville"

Granite City Tool Co., Barre, Vt. "Safe-Hed"  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Plumb (Fayette R.), Inc., Phila., Pa.  
 Stanley Tools Div., Stanley Works, New Britain,  
 Conn. "Stanley-Atha"  
 Trow & Holden Co., Barre, Vt.  
 Vogl (Geo.) Tool Co., Kansas City, Mo.  
 Vulcan Tool Mfg. Co., Quincy, Mass.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

**HAMMERS, Tack, Cast Iron**

Grey Iron Casting Co., Mt. Joy, Pa.  
 Sargent & Co., New Haven, Conn.  
 Storer Mfg. & Engine Co., Freeport, Ill.  
 Wrightsville Hdw. Co., Wrightsville, Pa. "Brighton"

**HAMMERS, Tack, Forged Steel**

Osborne (C. S.) & Co., Harrison, N. J.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Prentiss Vise Co., Little Falls, N. Y. "Cheney"  
 Sargent & Co., New Haven, Conn.  
 Sayre (L. A.) Co., 333 Mulberry, Newark, N. J.  
 Stanley Tools Div., Stanley Works, New Britain,  
 Conn. "Stanley-Atha"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av.,  
 Chicago, Ill. "Supersteel"  
 Williams (A. C.) Co., Ravenna, O.

**HAMMERS, Tack, Magnetic, Forged Steel**

Fairmount Tool & Forging Co., Cleveland, O.  
 Gibson Good Tools, Inc., Orange, Mass. "Horseshoe  
 Magnet"  
 Kelly Axe & Tool Works of the American Fork &  
 Hoe Co., 1623 Euclid Av., Cleveland, O. "Kelly"  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Sargent & Co., New Haven, Conn.  
 Sayre (L. A.) Co., Newark, N. J.  
 Stanley Tools Div., Stanley Works, New Britain,  
 Conn. "Stanley-Atha"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av.,  
 Chicago, Ill. "Garden City," "Supersteel"

**HAMMERS, Tile Setters', Forged Steel**

Bucabel Tool Mfg. Co., Inc., 220 Adams, Brooklyn,  
 N. Y.  
 Drew (C.) & Co., Kingston, Mass.  
 Goldblatt Tool Co., 1622 Walnut, Kansas City, Mo.  
 "Trowel Brand"  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 "Maydole"  
 Rose (Wm.) & Bros., Sharon Hill, Pa.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av.,  
 Chicago, Ill. "Supersteel"

**HAMMERS, Tinnors', Forged Steel**

Champion-De Arment Tool Co., Meadville, Pa.  
 Estwing Mfg. Co., Rockford, Ill. "Estwing," "Un-  
 breakable"  
 Evansville Tool Wks., Div. of The American Fork  
 & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 "Evansville"  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark,  
 N. J.  
 Kelly Axe & Tool Wks. of American Fork & Hoe  
 Co., 1623 Euclid Av., Cleveland, O.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 "Maydole"  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Plumb Tool Co., Los Angeles, Cal.

Plumb (Fayette R.), Inc., Phila., Pa.  
 Prentiss Vise Co., Little Falls, N. Y. "Cheney"  
 Stanley Tools Div., Stanley Works, New Britain,  
 Conn. "Stanley-Atha"  
 Ushco Mfg. Co., Inc., Buffalo, N. Y. "Ushco"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av.,  
 Chicago, Ill. "Supersteel"

**HAMMERS, Upholsterers', Forged Steel**

Gibson Good Tools, Inc., Orange, Mass. "Horseshoe  
 Magnet"  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Kelly Axe & Tool Wks. of American Fork & Hoe  
 Co., 1623 Euclid Av., Cleveland, O.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Sayre (L. A.) Co., 333 Mulberry, Newark, N. J.  
 Stanley Tools Div., Stanley Works, New Britain,  
 Conn. "Stanley-Atha"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av.,  
 Chicago, Ill. "Supersteel"  
 Williams (A. C.) Co., Ravenna, O.  
**HAMMERS, Wooden—See Mallets, Wooden**  
**HAMMOCK CHAINS—See Chains, Hammock**  
**HAMMOCK HOOKS—See Hooks, Hammock**

**HAMMOCKS**

Algoma Net Co., Inc., Algoma, Wis. "Trumald"  
 Atlanta Tent & Awning Co., Atlanta, Ga.  
 Berg (F. O.) Co., Spokane, Wash.  
 Couch Bros. Mfg. Co., Atlanta, Ga. (Jail)  
 Ficks, Reed Co., 424 Findlay, Cincinnati, O. "Vaga-  
 bond" (with stand)  
 Fowler Net & Twine Co., Phila., Pa.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 (Duck)  
 Gem Hammock & Fly Net Co., Milwaukee, Wis.  
 Gold Medal Camp Furniture Mfg. Co., Racine, Wis.  
 "Knowlton"  
 Hettrick Mfg. Co., 1401 Summit, Toledo, O.  
 Lack Mfg. Co., Paducah, Ky. "Kumfy"  
 Palmer (I. E.) Co., Middletown, Conn. "Arawanas"  
 Presumpter Mfg. Co., Inc., Portland, Me.  
 Rowe (E. L.) & Son, Gloucester, Mass. "Gloucester"  
 St. Charles Net & Hammock Co., St. Charles, Ill.

**HAMMOCKS, Automobile, Baby**

International Mfg. Co., Boston, Mass. "Practo"  
 Market Forge Co., Everett, Mass.  
 Perfection Mfg. Co., St. Louis, Mo. "Rock-a-Bye"

**HAMMOCKS, Doll**

Gem Hammock & Fly Net Co., Milwaukee, Wis.

**HAMPERS, Clothes**

(See also Baskets, Clothes)  
 Belding Basket Co., Belding, Mich.  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles,  
 Cal. "Boyco"  
 Burlington Basket Co., Burlington, Ia. "Hawkeye"  
 Conant Bros., Somerville, Mass.  
 Durlach Can & Iron Works, 168 7th Av., Brooklyn,  
 N. Y.  
 Erie Art Metal Co., Erie, Pa.  
 Gleitsman's, Inc., Dry Harbor Rd., Glendale, N. Y.  
 "Pearl-Wick"  
 Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
 Hemp & Co., Macomb, Ill. (Metal)  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Luke Basket Co., Berrien Springs, Mich.  
 Marion Basket Co., Inc., Marion, Ind. "Marion  
 Maid"  
 Master Metal Products, Inc., 291 Chicago, Buffalo,  
 N. Y. "Sanette"  
 National Metal Art Mfg. Co., Inc., 420 12th, Brook-  
 lyn, N. Y. "Kay"  
 National Veneer Products Co., Mishawaka, Ind.  
 "Fibre"  
 N. Y. Standard Mfg. Co., Inc., 99 Kent Av., Bklyn.,  
 N. Y.  
 Reunion (W. C.) Sons & Co., Peru, Ind.  
 Reliable Metal Novelty Co., 13 W. 26th, New York,  
 N. Y. "Ramco"  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Shelton Basket Co., Shelton, Conn.  
 United Metal Box Co., Inc., 168 7th, Bklyn., N. Y.  
 (Built In)

Whitney (F. A.) Carriage Co., Leominster, Mass.  
**HAND BALL GLOVES—See Gloves, Hand Ball**  
**HAND BALLS—See Balls, Hand**  
**HAND BELLOWS—See Bellows, Hand**  
**HAND BELLS—See Bells, Dinner, Etc.**  
**HAND BLOWERS—See Blowers, Hand**  
**HAND BOTTLE CAPPERS—See Cappera, Bottle,**  
**Hand**  
**HAND BRACKETS—See Brackets, Hand or Stair**  
**Rail**

**HAND CARS, Children's—See Cars, Hand, Children's**  
**HAND CART SPRAYERS—See Sprayers, Hand Cart**  
**HAND CORKERS—See Corkers, Hand**  
**HAND CORN PLANTERS—See Planters, Corn,**  
**Hand**  
**HAND POTATO PLANTERS—See Planters, Potato,**  
**Hand**

**HANDCUFFS, Twisters, Leg Irons, Etc.**  
 Harrington & Richardson Arms Co., Worcester,  
 Mass.  
 Murrin Co., 719 S. Spadra Drive, Fullerton, Cal.  
 Peerless Handcuff Co., Springfield, Mass.  
 Union Hdw. Co., Torrington, Conn. "Towers"

**HAND DRILLS—See Drills, Hand**

**HAND ELEVATORS—See Dumb-Walters**

**HAND HAMMER DRILLS—See Drills, Hand, Ham-**  
**mer**

**HAND LAMPS, Electric—See Lamps, Electric, Hand**  
**HAND LAWN MOWER SHARPENERS—See Sharp-**  
**eners, Lawn Mower, Hand**

**HAND PASTES—See Soaps and Pastes, Hand**

**HAND POWER CLOTHES WASHING MACHINES**  
**—See Washing Machines, Clothes, Hand Power**

**HAND POWER DUMBWAITERS—See Dumbwait-**  
**ers, Hand Power**

**HAND POWER ELEVATORS—See Elevators, Hand**  
**Power**

**HAND POWER GRINDERS—See Grinders, Foot and**  
**Hand Power**

**HAND POWER PUNCHES—See Punches, Hand**  
**Power**

**HAND POWER SPRAYERS—See Sprayers**

**HAND PUMPS—See Pumps, Hand**

**HAND PUMPS, Portable—See Pumps, Portable,**  
**Hand**

**HAND PUNCHES—See Punches, Hand**

**HAND PUSH CARTS—See Carts, Push, Hand**

**HAND RAIL SCREWS—See Screws, Hand Rail**

**HAND REAMERS—See Reamers, Hand**

**HAND SANDERS—See Holders, Sand Paper**

**HAND SAW FILERS—See Filers, Saw, Hand**

**HAND SAW HANDLES—See Handles, Saw, Hand**

**HAND SAWS—See Saws, Hand**

**HAND SCREWS—See Screws, Hand**

**HAND SCROLL SAW MACHINES—See Machines,**  
**Saw, Scroll, Hand**

**HAND SPRAYERS—See Sprayers**

**HAND SPRING WINDERS—See Winders, Spring,**  
**Hand**

**HAND STAPLE TACKERS—See Tackers, Staple,**  
**Hand**

**HAND TRUCK WHEELS—See Wheels, Hand, Truck**

**HAND TRUCKS—See Trucks, Hand**

**HAND VACUUM CLEANERS—See Cleaners,**  
**Vacuum, Hand, Electric**

**HAND VISES—See Vises, Hand**

**HAND WASH STANDS—See Washstands, Hand,**  
**Sanitary**

**HANDLES, Ash**

American Fork & Hoe Co., 1623 Euclid Av., Cleve-  
 land, O.  
 Bruner-Ivory Handle Co., Hope, Ark. "#1-Jupiter,"  
 "X-Paramount," "XX-Olympic"  
 Bryan Handle Co., Bryan, O.  
 Bryant Mfg. Co., Wapakoneta, O.  
 Crook Son & Co., Hicksville, O.  
 Ehinger (Fred) & Co., Palmyra, Mich.  
 Gallup-Ruffing Handle Co., Norwalk, O.  
 Greenslate Mfg. Co., Rich Hill, Mo.  
 Hanna & Young Handle Co., Poplar Bluff, Mo.  
 Hartwell Bros., Memphis, Tenn. "Arcadian,"  
 "North Wind," "Robin Hood"  
 Imperial Handle Mfg. Co., Tahlequah, Okla.  
 Link (O. P.) Handle Co., Salem, Ind. "Advance,"  
 "Blue Boy," "Can't Break 'Em," "Dependable,"  
 "Excelsall," "Firmus," "Goodenuf," "Guaran-  
 teed," "Hoosier Maid," "Hygrade," "Links,"  
 "Links Best," "Links Star," "Onex," "Perfect,"  
 "Pet," "Snowflake," "Tufstuf"  
 Marion Handle & Box Co., Marion, Ind.  
 Miller Mfg. Co., Hicksville, O. "Defiance," "Hard-  
 ware," "Maumee"  
 Oregon Handle Mfg. Co., Newberg, Ore.  
 Phipps (J. H.) Lumber Co., Fayetteville, Ark.  
 South Bend Dowel & Mfg. Co., South Bend, Ind.  
 Sperry Mfg. Co., New Haven, Ind.  
 Union Fork & Hoe Co., Columbus, O.  
 Vickers Lumber Co., Piedmont, O.

**HANDLES, Auger**

Millers Falls Co., Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 Swan (Jas.) Co., Seymour, Conn.

**HANDLES, Axe—See Handles, Hickory**

**HANDLES, Blade, Pattern Makers' and Shirt Cutters'**

Mitchell Bros. Co., Kalaska Handle Co. Div., Cadillac,  
 Mich.  
 Murphy's (Robert) Sons Co., Ayer, Mass.

**HANDLES, Blade, Shoe Cutters'**

Mitchell Bros. Co., Kalaska Handle Co. Div., Cadillac,  
 Mich.  
 Murphy's (Robert) Sons Co., Ayer, Mass.

**HANDLES, Boat Hook, Ice Hook, Etc.**

American Fork & Hoe Co., 1623 Euclid Av., Cleve-  
 land, O.  
 Bruner-Ivory Handle Co., Hope, Ark. "Paramount  
 Brand"  
 Crook Son & Co., Hicksville, O.  
 Miller Mfg. Co., Hicksville, O.  
 Stewart (G. S.) Co., Norwalk, Conn.

# WASHERS - WASHERS - WASHERS

*The World's Largest Producer? Yes! The Most Varied Line? Yes!!  
The Largest Stocks on Hand? Yes!!! The Most Complete Service? Yes!!!!*

**1887- FIFTY-THREE YEARS OF UNINTERRUPTED -1940**  
**SERVICE TO THE HARDWARE TRADE!**

STANDARD WASHERS • S.A.E. WASHERS • RIVETING WASHERS • LIGHT STEEL WASHERS  
SQUARE WASHERS • MACHINERY BUSHING WASHERS • CARRIAGE WASHERS • BRASS WASHERS  
FIBRE WASHERS • FINISHING WASHERS • MALLEABLE IRON WASHERS • SPLIT REPAIR WASHERS  
LOCK WASHERS • SHAKEPROOF LOCK WASHERS • EXPANSION PLUGS  
SCREW MACHINE PRODUCTS • STAMPINGS

**WROUGHT WASHER MFG. CO.**

2218 South Bay St.

Milwaukee, Wis., U. S. A.



*Allen*

## OIL BURNING HEATERS and COMBINATION COAL-GAS RANGES \*

\* Approved by Underwriters'

Oil Burning Water Heaters . . . Coal  
Ranges . . . Modern Styling . . . original  
features . . . Write for Catalog.

**THE ALLEN MFG. COMPANY**

Founded 1867  
NASHVILLE, TENN.



## AJAX ROOFING AND SCAFFOLD BRACKETS

*A Type and a Size for Every Need*

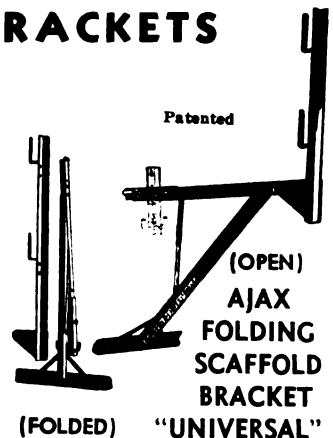
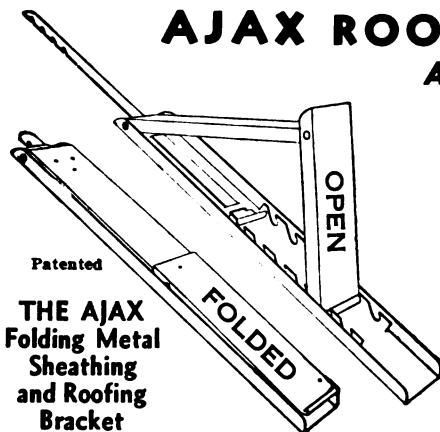
- Attached in a Minute
- Detached in a Minute

Every builder and roofer needs Ajax Brackets to make work safer, easier and quicker. Usually pay for themselves on first job alone. Superior in design and construction. Send for literature and prices.

**AJAX BUILDING BRACKET CO.**

1551 Rydal Mount Rd.

Cleveland Heights, Ohio



## ARE YOU LOOKING FOR VALUE, QUALITY AND PROFIT?

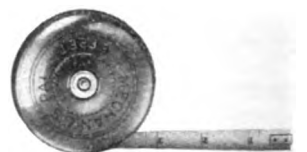
**WALSCO—The Best Yet!**

TRADE-MARK

Meet the demand for dependable, low-price Padlocks with the big WalSCO line, comprising the fastest selling shell and die cast locks on the market. A lock for every purpose—all locks guaranteed.

We also manufacture the most outstanding line (quality and price considered), of Flexible Steel Rolling Rules from 3 to 6 ft. and 25 and 50 ft. Cloth Measuring Tapes. All 100% American made merchandise. Catalog, prices and samples cheerfully sent upon request.

**THE WATERBURY LOCK & SPECIALTY CO.**  
MILFORD, CONN., U. S. A.



Mention Hardware Age When Writing



# HANDLES, Boiler and Milk Can

Mitchell Bros. Co., Kalaska Handle Co. Div., Cadillac, Mich.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Stanley Wks., New Britain, Conn.  
Stover Mfg. & Engine Co., Freeport, Ill.  
HANDLES, Canthook—See Handles, Hickory

# HANDLES, Chest

Brainerd Mfg. Co., East Rochester, N. Y.  
Champion Hdw. Co., Geneva, O.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Eaton-Pond Co., Inc., Collinsville, Conn.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Lawrence Bros., Sterling, Ill.  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Lock Co., Rockford, Ill.  
Pena Hdw. Co., Reading, Pa.  
Reading Hdw. Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sager Lock Works, North Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Shelby Spring Hinge Co., Shelby, O.  
Slaymaker Lock Co., Lancaster, Pa.  
Stanley Wks., New Britain, Conn.  
Stover Mfg. & Engine Co., Freeport, Ill.  
Voss Co., Inc., New Haven, Conn.  
Weber-Knapp Co., Jamestown, N. Y.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
HANDLES, China—See Buttons, Handles and Knobs, China

# HANDLES, Chisel

Allen, Chas. L., Pequabuck, Conn.  
Bradley (C. E.) Corp., Brattleboro, Vt.  
Rock Bros., Milbury, Mass.  
Celluloid Corp., 180 Madison Av., New York, N. Y.  
"Celluloid" (Unbreakable)  
Gallup-Ruffing Handle Co., Norwalk, O.  
Hartwell Bros., Memphis, Tenn.  
Kaslot Mfg. Co., Chicago, Ill.  
Mitchell Bros. Co., Kalaska Handle Co. Div., Cadillac, Mich.  
Peck, Stow & Wilcox Co., Southington, Conn.  
Piqua Munising Wood Products Co., Cleveland, O.  
Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. (Unbreakable)  
Rousseau Wood Turning Co., 244 Walton, Fitchburg, Mass.  
Stanley Tools Div., Stanley Works, New Britain, Conn.  
Stevenson Mfg. Co., South Bend, Ind.  
Stossell (Carl) Sons & Co., Front Royal, Va.  
Strock (L. W.) & Co., Bethlehem, Pa.  
Swan (James) Co., Seymour, Conn.  
Trick Mfg. Co., Brockton, Mass.  
Union Hdw. Co., Torrington, Conn.

# HANDLES, "D," Steel and Wood

American Fork & Hoe Co., Cleveland, O. "I-D-L," "Sturd E," "True Temper"  
Ames Baldwin Wyoming Co., Parkersburg, W. Va. "Armor-D"  
Bruner-Ivory Handle Co., Hope, Ark. "#1-Jupiter," "X-Paramount," "XX-Olympic"  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Columbus Handle & Tool Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Sturd E"  
Crook Son & Co., Hicksville, O. "Tru-Dee"  
Ely Mfg. Co., Girard, Pa.  
Erie City Mfg. Co., Erie, Pa.  
Hall Mfg. Co., Cedar Rapids, Ia.  
Marion Handle & Box Co., Marion, Ind.  
Miller Mfg. Co., Hicksville, O.  
Pratt (Wm. E.) Mfg. Co., Joliet, Ill.  
Richards-Wilcox Mfg. Co., Aurora, Ill. "R-W"  
Strock (L. W.) & Co., Bethlehem, Pa.  
Union Fork & Hoe Co., Columbus, O. "I-D-L," "Steel UD"  
Wood Shovel & Tool Co., Piqua, O. "Moly-D"

# HANDLES, Door, Drawer, Etc.

American Cabinet Hdw. Corp., Rockford, Ill. "Amer-rock"  
Barrows Lock Wks. of Yale & Towne Mfg. Co., North Chicago, Ill.  
Bassick Co., Bridgeport, Conn.  
Brainerd Mfg. Co., East Rochester, N. Y.  
Braun (J. G.) Co., Chicago, Ill.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J. "J. H. W."  
Cooke-Roberts Corp., Orange, Mass.  
Corbin, P. & F., New Britain, Conn.  
Frantz Mfg. Co., Sterling, Ill.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Grey Iron Casting Co., Mt. Joy, Pa.  
Griffin Mfg. Co., Erie, Pa.  
Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
Imperial Brass Mfg. Co., Chicago, Ill.  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
McKinney Mfg. Co., Pittsburgh, Pa.  
Midwest Hardware Co., Chicago, Ill.  
Monarch Mfg. Co., Detroit, Mich.  
National Lock Co., Rockford, Ill.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Peerless Bronze & Aluminum Co., 723 Gratiot Av., Detroit, Mich. "Peerless"

Penn. Hdw. Co., Reading, Pa.  
Roth, John, 601 Madison Av., New York, N. Y. (Glass & Metal)  
Russell & Erwin Mfg. Co., New Britain, Conn. "Busawin"  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Slaymaker Lock Co., Lancaster, Pa.  
Stanley Wks., New Britain, Conn.  
Stevenson Mfg. Co., South Bend, Ind.  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Tegco" (Glass)  
Warren (J. D.) Mfg. Co., Montpelier, O.  
Wrightville Hdw. Co., Wrightville, Pa.  
Yale & Towne Mfg. Co., Stamford, Conn.  
HANDLES, Drawer—See Handles, Door, Etc.

# HANDLES, Drop and Lever

Barrows Lock Wks. of Yale & Towne Mfg. Co., North Chicago, Ill.  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
McKinney Mfg. Co., Pittsburgh, Pa.  
Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sager Lock Wks. of Yale & Towne Mfg. Co., North Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Skillman Hardware Mfg. Co., Trenton, N. J.  
Yale & Towne Mfg. Co., Stamford, Conn.

# HANDLES, Drop Ring

Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
McKinney Mfg. Co., Pittsburgh, Pa.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Stanley Works, New Britain, Conn.  
Yale & Towne Mfg. Co., Stamford, Conn.

# HANDLES, Entrance Door

Best Universal Lock Co., 730 E. Washington, Indianapolis, Ind.  
Champion Hardware Co., Geneva, O.  
Chesler (J.) & Sons Co., 41 Varick Av., Bklyn., N. Y.  
City Plating & Mfg. Co., St. Louis, Mo.  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill. "Kastlok"  
Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
Hillgren Mfg. Co., 1862 E. 67th, Los Angeles, Cal. "Hillgren"  
Lawrence Bros., Sterling, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Hardware Co., 8630 103rd Av., Ozone Park, N. Y. "National"  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Reading Hardware Corp., Reading, Pa.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Skillman Hardware Mfg. Co., Trenton, N. J.  
Yale & Towne Mfg. Co., Stamford, Conn.

# HANDLES, File

Allen, Chas. L., Pequabuck, Conn.  
American Stamping Co., Battle Creek, Mich. "Blue Nose"  
Anchor Mfg. Co., Piqua, O.  
Aster, W. G., 13 Penfield, Buffalo, N. Y. "Can't Split"  
Baker, McMillen Co., Akron, O.  
Bradley (C. E.) Corp., Brattleboro, Vt.  
Buckeye Mfg. & Foundry Co., Cleveland, O.  
Cooke-Roberts Corp., Orange, Mass.  
Cumberland Plateau Handle Co., Crossville, Tenn.  
Dixton (Henry) & Sons, Inc. (Tacony), Phila., Pa. "Stronghold"  
Ehinger (Fred C.) Mfg. Co., Palmyra, Mich.  
Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
Franklin Tool Co., Buffalo, N. Y.  
Gallup Ruffing Handle Co., Norwalk, O.  
Grover File Co., Nashua, N. H.  
Judd (N. L.) Co., Inc., Wallingford, Conn.  
Kaslot Mfg. Co., Chicago, Ill.  
Lauber Handle Mfg. Co., Milwaukee, Wis.  
Luts File & Tool Co., Cincinnati, O.  
Maim, Henry, 692 B'way, New York, N. Y. (Rubber)  
Mitchell Bros. Co., Kalaska Handle Co. Div., Cadillac, Mich.  
Narragansett Mach. Co., Providence, R. I.  
National Aluminum Co., Inc., Racine, Wis.  
Nicholson File Co., Providence, R. I.  
Parker-Kalon Corp., 200 Varick, New York, N. Y. "Hyro Shur-Grip"  
Peck, Stow & Wilcox Co., Southington, Conn. "Pextro"  
Piqua Munising Wood Products Co., Cleveland, O.

Robinson (M. W.) Co., 28 Warren, New York, N. Y. "Lock Jaw," "Rollis"  
Rousseau Wood Turning Co., 244 Walton, Fitchburg, Mass.  
Rowe (Henry) Mfg. Co., Newago, Mich.  
Safety Tool Corp., Watertown, N. Y. "Skroo-Zon"  
Sargent & Co., New Haven, Conn.  
Schrivier (O. P.) Co., Cincinnati, O. "Gem"  
"I. X. L."  
Standard Turning Works, Cambridge, Mass.  
Stearns (E. C.) & Co., Syracuse, N. Y.  
Stevenson Mfg. Co., South Bend, Ind.  
Stossell (Carl) Sons & Co., Front Royal, Va.  
Stover Mfg. & Engine Co., Freeport, Ill.  
Strock (L. W.) & Co., Bethlehem, Pa.  
Strombeck-Becker Mfg. Co., Moline, Ill. "Taperfit"  
Troy File Wks., Troy, N. Y. "Troy Best"  
Union Hdw. Co., Torrington, Conn.  
Warren Handle Wks. Co., Cortland, O.

HANDLES, Fork—See Handles, Repair

# HANDLES, Hack Saw

Electro-Dyne Mfg. Co., Benton Harbor, Mich.  
Schartow Iron Products Co., Racine, Wis. "Sipco"  
HANDLES, Hammer—See Handles, Hickory

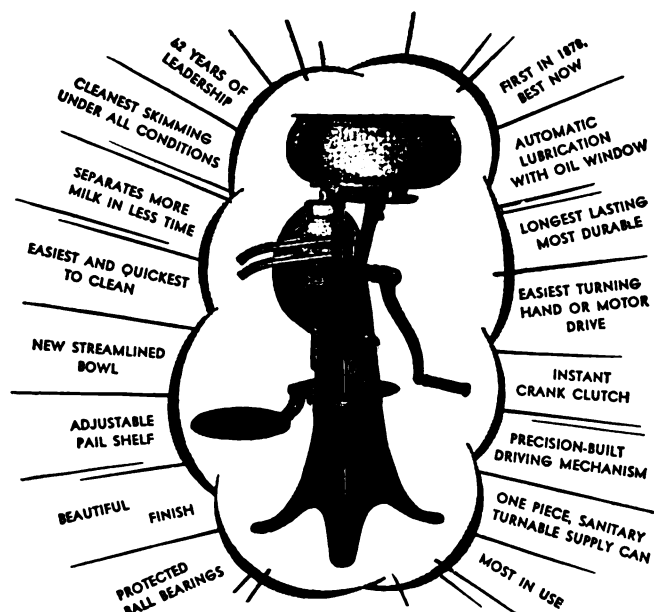
# HANDLES, Hickory

American Handle Co., Jonesboro, Ark. "American King," "Condor," "Falcon," "Hawk," "Kite," "Missouri," "Owl"  
Amos (Chas. H.) Handle Co., Stilwell, Okla. "Chaco"  
Benjamin Handle Co., Sidney, O.  
Blue Oak Handle Co., Bowling Green, Mo.  
Bruner-Ivory Handle Co., Hope, Ark. "Arrow," "Bearcat," "Blue Diamond," "Bulls Eye," "Burnt Ivory," "Champion," "Clipper," "Guaranteed," "Indian," "Mohawk," "Monarch," "Olympic," "Pathfinder," "Rambler," "Ranger," "Regina," "Service," "Star," "Texan," "Warrior"  
Cheesebrough, Thos. E., Freeport, Mich.  
Coleman (W. H.) Co., Jackson, Tenn.  
Cordorus Mfg. Co., Cordorus, Pa.  
Cotton (Lemuel) & Son, Hiram, Me.  
Cumberland Plateau Handle Co., Crossville, Tenn. "Cumberland Special," "Guaranteed," "Mountain High," "Nun Beets," "Plateau Beauty," "Straight Grain," "The Best," "Tree Brand"  
Des Arc Handle Co., Des Arc, Mo.  
Ehinger (Fred C.) Mfg. Co., Palmyra, Mich.  
Falkerson Bros. Handle Co., Puxico, Mo.  
Gallon Handle & Mfg. Co., Gallon, O.  
Gallup Ruffing Handle Co., Norwalk, O.  
Gregory (T. J.) Handle Co., Cookeville, Tenn.  
Handle & Excelsior Co., Picture Rocks, Pa.  
Hanna & Young Hdw. Co., Poplar Bluff, Mo.  
Hartwell Brothers, Memphis, Tenn. "Axeman's Pride," "Buckeye," "Cavalier," "Crusader," "Gem," "Grey Gorge," "Jewel," "Old Hickory," "Rival," "Superior," "Utility"  
Hickory Handle & Mfg. Co., Conover, N. C.  
Hopple, Wm. H., Tiffin, O.  
Imperial Handle Mfg. Co., Tahlequah, Okla.  
Indiana Handle Co., Paoli, Ind. "Hoosier Pride"  
Isbell, J. A., Cookeville, Tenn.  
Jones (J. F.) & Sons, Columbus Grove, O.  
La Pierre-Sawyer Handle Co., Jackson, Mo.  
Leathers (A. N.) Mfg. Co., Dickson, Tenn.  
Link (O. P.) Handle Co., Salem, Ind. "Advance," "Blue Boy," "Can't Break 'Em," "Dependable," "Excelsior," "Firmus," "Goodenuff," "Guaranteed," "Hoosier Maid," "Hygrade," "Links," "Links Best," "Links Star," "Onex," "Perfect," "Pet," "Snowflake," "Tufstuff"  
McCrillis Handle Co., Monroeville, O.  
McLaughlin (J. L.) & Sons, Bedford, Pa.  
Marion Handle Mills, Inc., Marion, Va. "Ace," "Chancellor," "Premier," "Standard," "Virginian"  
Medina Bending Wks., Medina, O.  
Midlothian Wood Products Co., Midlothian, Va. "Chesterfield"  
Mo-Ark Handle Co., St. Louis, Mo.  
Moellenbrook, F. H., Washington, Mo.  
Oregon Handle Mfg. Co., Newberg, Ore.  
Piggott Handle Co., Piggott, Ark. "Bear State," "Black Bird," "Economy," "Favorite," "Ideal," "Red Bird," "Special," "Supreme"  
Prouty (C.) & Co., Eldred, Pa.  
Railway Handle Corp., Kenbridge, Va. "Ajax," "Champion," "Dominion," "Echo," "Perfecto," "Sampson," "Service," "Trojan," "Veribest"  
Richland Handle Co., Butler, O.  
Salles Bros., Pocahtontas, Ark. "Atlas," "Dictator," "Faithless," "Pioneer," "Pointer," "Winner"  
Schmidt, Louis L., Des Arc, Mo.  
Sheldon Handle Co., Malvern, Ark.  
Snowden Hardwood Export Co., Inc., Alexandria, La. "Bugle"  
Stevenson Mfg. Co., South Bend, Ind.  
Stiles (Jas. L.) Handle Mfg. Co., Fayetteville, Ark.  
Stossell (C.-I.) & Sons Co., Front Royal, Va.  
Strock (L. W.) & Co., Bethlehem, Pa.  
Tatem (J. M.) Handle Co., Eastford, Conn. "Wear Ever"  
Tennessee Handle Co., Cookeville, Tenn.  
Titusville Handle Co., Titusville, Pa.  
Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky. "Turnerday," "Daniel Boone," "Perfection," "Triumph," "Hercules," "Success," "Eagle," "Genuine Hickory," "Pedigreed," "Police Dog Brand"  
Vickers (J. W.) & Son, Piedmont, O.  
Warren Handle Wks. Co., Cortland, O. "Cortland"  
Yingling Bros. & Co., Monroeville, O.

HANDLES, Hoe—See Handles, Repair

HANDLES, Hook, Grass—See Handles, Repair

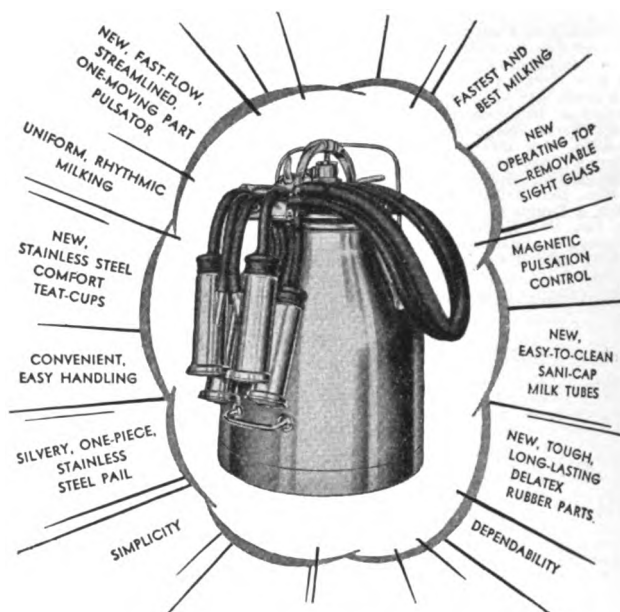
# De Laval Separators and Milkers Lead In Preference and Performance



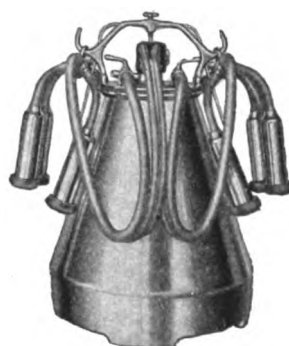
**De Laval World's Standard Separator**

Because for 62 years De Laval Separators have maintained their reputation for cleanest skimming, easiest turning, longest life, greatest earning power and lowest cost per year of use, there are more De Laval separators in use today than any other make of separator.

Opportunities for the sale of new De Laval Separators are almost unlimited. De Laval Separators are built in three series, including 12 sizes and styles—a De Laval for every need and purse. Some good territories open—write for information.



**De Laval Magnetic Speedway Milker**



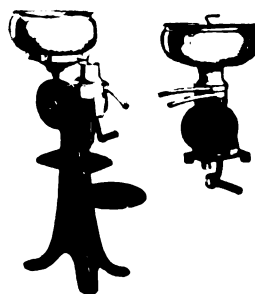
**De Laval Utility Milker**  
Lower priced De Laval Milker—second only to Magnetic Speedway. Single or double units.

The new De Laval Magnetic Speedway Milker is the most highly acclaimed milker in the world because it has proved that it provides best, fastest and cleanest milking. There are more De Laval Milkers in use than any other, milking the world's best herds of all breeds. Wonderful production records have been made by De Laval milked individual cows and complete herds. 60% of U. S. Certified Milk is produced with De Laval Milkers. More De Laval Milkers are being sold and installed today than ever in our history. A wonderful opportunity—write for information.



## World's Standard Series

The last word in cream separators—the perfected result of 62 years of maintained leadership in the manufacture of more than 6,000,000 separators. Increased capacities. Still more perfect separation and possessing every practical feature for efficiency and convenience. Best separators possible to build. Four sizes. Hand or motor drive.



## Junior Series

A lower priced quality line of De Laval machines limited to smaller capacities. Highly efficient and durable. They are superior to all other separators in anywhere near their price class. Five sizes.

## Electro Series

First all-electric separators ever built. Direct motor drive. Ideal for large dairy or small milk plant. Two sizes.



**THE DE LAVAL SEPARATOR COMPANY**  
NEW YORK 165 Broadway  
CHICAGO 427 Randolph St.  
SAN FRANCISCO 61 Beale St.

Mention Hardware Age When Writing



## HANDLES, Logging Tool

American Logging Tool Co., Ewart, Mich.  
Bruner-Ivory Handle Co., Hope, Ark. "Bearcat,"  
"Clipper," "Paramount," "Sampson"  
Crook Son & Co., Hicksville, O.  
Hartwell Bros., Memphis, Tenn.  
Imperial Handle Mfg. Co., Tahlequah, Okla.  
Miller Mfg. Co., Hicksville, O.  
Peavey Mfg. Co., Brewer, Me.  
Prouty (C.) & Co., Eldred, Pa.  
St. Marys Wheel & Spoke Co., St. Marys, O.  
Sheldon Hdl. Co., Malvern, Ark.  
Snow & Nealley Co., Bangor, Me. "Our Best"  
Stenphenson Mfg. Co., South Bend, Ind.

HANDLES, Milk Can—See Handles, Boiler and Milk Can

HANDLES, Mop—See Sticks and Holders, Mop

## HANDLES, Oak

American Handle Co., Jonesboro, Ark. "Chicot,"  
"Hawk," "Ozark"  
Blue Oak Co., Bowling Green, Mo. "Blue Oak"  
Bruner-Ivory Handle Co., Hope, Ark.  
Cumberland Plateau Handle Co., Crossville, Tenn.  
"Cumberland Special," "Guaranteed," "Mountain High," "Nun Betta," "Plateau Beauty," "Straight Grain," "The Best," "Tree Brand"  
De Arc Handle Co., Des Arc, Mo.  
Ehinger (Fred C.) & Co., Palmyra, Mich.  
Hartwell Bros., Memphis, Tenn. "Blue Oak,"  
"Charter Oak," "Golden Oak"  
Imperial Handle Mfg. Co., Tahlequah, Okla.  
Larriere-Sawyer Handle Co., Jackson, Mo.  
Leathers (A. H.) Mfg. Co., Dickson, Tenn.  
Link (O. P.) Handle Co., Salem, Ind. "Advance,"  
"Blue Boy," "Can't Break 'Em," "Dependable,"  
"Excel," "Firmus," "Goodenuff," "Guaranteed,"  
"Hoosier Maid," "Hygrade," "Links,"  
"Linka Best," "Links Star," "Onex," "Perfect,"  
"Pet," "Snowflake," "Tufstuff"  
Marion Handle Mills, Inc., Marion, Va. "Ace,"  
"Chancellor," "Premier," "Standard," "Virginian"  
Oregon Handle Mfg. Co., Newberg, Ore.  
Larrie Bros., Pocatontos, Ark. "Lynx," "Monarch,"  
"Study"  
Brook (L. W.) & Co., Bethlehem, Pa.  
Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky. "Select Oak"

HANDLES, Peavy—See Handles, Hickory

## HANDLES, Percolator

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Baker, McMillen Co., Akron, O.  
Mittell Brothers Co., Kalaska Handle Co. Div., Cadillac, Mich.  
Prime Plastic Mfg. Corp., 401 Bedford Av., Bklyn, N. Y. (Catalin)  
Rousseau Wood Turning Co., 244 Walton, Fitchburg, Mass.

HANDLES, Pick—See Handles, Hickory

HANDLES, Pike Pole—See Handles, Hickory

## HANDLES, Plane

Stanley Tools Div., Stanley Works, New Britain, Conn.

## HANDLES, Plow

Fort Recovery Stirrup Co., Fort Recovery, O.  
Mr. Smith Rim & Bow Co., Fort Smith, Ark.  
"Cutting Brand"  
Imperial Handle Mfg. Co., Tahlequah, Okla.  
Judy (G. A.) Plow Co., Longview, Tex.  
The Plow Co., Atlanta, Ga.  
Jones (J. H.) Lumber Co., Fayetteville, Ark.  
Northern Plow Co., Columbus, Ga.  
Sparta Spoke Factory, Inc., Sparta, Tenn.

HANDLES, Rake—See Handles, Repair

## HANDLES, Repair

American Fork & Hoe Co., Cleveland, O. "True Temper"  
James Baldwin Wyoming Co., Parkersburg, W. Va. "A B W"  
Baker Sawmills Co., Kenner, La.  
Bart Mfg. Co., Wapakoneta, O.  
Bruner-Ivory Handle Co., Hope, Ark. "#1-Jupiter,"  
"X-Paramount," "XX-Olympic"  
C. Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, O.  
Columbus Handle & Tool Div., American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, O. "Sturd E"  
Crook Son & Co., Hicksville, O. "Tru-Dee"  
Imperial Handle Mfg. Co., Tahlequah, Okla.  
Kalaska Handle Co., Paoli, Ind.  
Mfg. Co. & Box Co., Marion, Ind.  
Miller Mfg. Co., Hicksville, O. "Defiance," "Hard Ware," "Maumee"  
Piqua Munising Wood Products Co., Cleveland, O.  
Reading Hardware Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Shovel & Tool Co., Piqua, O. "Artwood"

## HANDLES, Sad Iron

Allen-Rogers Corp., Laconia, N. H.  
Baker, McMillen Co., Akron, O.  
Champion Hdw. Co., Geneva, O.  
Colebrookdale Iron Co., Boyertown, Pa. "Mrs. Potts"  
Ennis Mfg. Co., Reading, Pa.  
Gallup Ruffing Handle Co., Norwalk, O.  
Hoehn, Fred, Cleveland, O. "Mrs. Pott's"  
Mitchell Bros. Co., Kalaska Handle Co. Div., Cadillac, Mich.  
Narragansett Mach. Co., Providence, R. I.  
Piqua Munising Wood Products Co., Cleveland, O.  
Stevenson Mfg. Co., South Bend, Ind.  
Williams (A. C.) Co., Ravenna, O.

## HANDLES, Saw, Cross-Cut

Atkins (E. C.) & Co., Indianapolis, Ind.  
Bruner-Ivory Handle Co., Hope, Ark. "Clipper Brand"  
Columbus Handle & Tool Div., American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Decker (E. F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, (Tacony), Phila., Pa.  
Ely Mfg. Co., Girard, Pa.  
Erie City Mfg. Co., Erie, Pa. "Arrow"  
Indiana Handle Co., Paoli, Ind.  
Ohlen-Bishop Co., Columbus, O.  
Piqua Munising Wood Products Co., Cleveland, O.  
Prouty (C.) & Co., Eldred, Pa.  
Simonds Saw & Steel Co., Fitchburg, Mass.  
U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.

## HANDLES, Saw, Hand

Atkins (E. C.) & Co., Indianapolis, Ind.  
Diston (Henry) & Sons, (Tacony), Phila., Pa.  
Indiana Handle Co., Paoli, Ind.  
Ohlen-Bishop Co., Columbus, O.  
Piqua Munising Wood Products Co., Cleveland, O.  
Stark (James E.) Co., 25 Plum, Memphis, Tenn.  
Stevenson Wks. Co., South Bend, Ind.  
U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.

## HANDLES, Scoop, Spade and Shovel

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Ames, Baldwin Wyoming Co., Parkersburg, W. Va. "A B W"  
Bruner-Ivory Handle Co., Hope, Ark. "#1-Jupiter,"  
"X-Paramount," "XX-Olympic"  
Columbus Handle & Tool Corp. Works of the National Handle Co., Columbus, Ind. "Sturd E"  
Crook Son & Co., Hicksville, O. "Tru-Dee"  
Hanna Mfg. Co., Athens, Ga.  
Imperial Handle Mfg. Co., Tahlequah, Okla.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Marion Handle & Box Co., Marion, Ind.  
Miller Mfg. Co., Hicksville, O. "Defiance," "Hard Ware," "Maumee"  
Rousseau Wood Turning Co., 244 Walton, Fitchburg, Mass.  
Strock (L. W.) & Co., Bethlehem, Pa.  
Union Fork & Hoe Co., Columbus, O.  
Wood Shovel & Tool Co., Piqua, O. "Moly-D"

HANDLES, Sledge—See Handles, Hickory

## HANDLES, Soldering Iron

Allen-Rogers Corp., Laconia, N. H.  
Anchor Mfg. Co., Piqua, O.  
Aster, W. G., 18 Penfield, Buffalo, N. Y. "Can't Split"  
Baker, McMillen Co., Akron, O.  
Bradley (C. E.) Corp., Brattleboro, Vt.  
Cooke-Roberts Corp., Orange, Mass.  
Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
Erie City Mfg. Co., Erie, Pa.  
Handy Things Mfg. Co., Ludington, Mich.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Kaolot Mfg. Co., Chicago, Ill.  
Lauber Handle Mfg. Co., Milwaukee, Wis.  
Mitchell Bros. Co., Kalaska Handle Co. Div., Cadillac, Mich.  
Narragansett Mach. Co., Providence, R. I.  
Parker-Kalon Corp., 200 Varick, New York, N. Y. "Hyro Shur-Grip"  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Piqua Munising Wood Products Co., Cleveland, O.  
Rousseau Wood Turning Co., 244 Walton, Fitchburg, Mass.  
Rowe (Henry) Mfg. Co., Newwago, Mich.  
Safety Tool Corp., Watertown, N. Y. "Skroo-Zon"  
Standard Turning Wks., Cambridge, Mass.  
Stoessel (Carl) Sons & Co., Front Royal, Va.  
Strock (L. W.) & Co., Bethlehem, Pa.  
Unique Mfg. Co., Inc., Chicago, Ill.

## HANDLES, Store Door

Barrows Lock Wks., of Yale & Towne Mfg. Co., North Chicago, Ill.  
Champion Hardware Co., Geneva, O.  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Eagle Lock Co., Terryville, Conn.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
McKinney Mfg. Co., Pittsburgh, Pa.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Reading Hardware Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Safe Padlock & Hdw. Co., Lancaster, Pa.

Sager Lock Wks., of Yale & Towne Mfg. Co., No. Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Skillman Hardware Mfg. Co., Trenton, N. J.  
Yale & Towne Mfg. Co., Stamford, Conn.

## HANDLES, Tool, Small, Etc.

Allen-Rogers Corp., Laconia, N. H.  
Celluloid Corp., 180 Madison Av., New York, N. Y. "Celluloid"  
Cooke-Roberts Corp., Orange, Mass.  
Flanders Hardware Co., Manchester, N. H.  
Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
Mooney (G. F.) & Son, Inc., Farmington, N. H.  
Piqua Munising Wood Products Co., Cleveland, O.  
Rousseau Wood Turning Co., 244 Walton, Fitchburg, Mass.

HANDY CUT SAWS—See Saws, Handy Cut

HANGER BOLTS—See Bolts, Hanger

HANGERS, Clothes—See Hangers, Garment

HANGERS, Coat—See Hangers, Garment

## HANGERS, Door, Barn

Allith-Prouty, Inc., Danville, Ill. "Reliable," "Ten-Ten," "Trolley"  
Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Frantz Mfg. Co., Sterling, Ill. "Frantz," "Glide," "Hilo," "Runwell," "Rollaway," "Shedwell"  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
Hudson (D. H.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "All-weather," "Beatsall"  
Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y. "Lane's"  
Lawrence Bros., Sterling, Ill. "Cleveland," "Clipper," "Cyclone," "Hummer," "Rival," "Trolley"  
Libbey (C. A.) Co., Oshkosh, Wis. "Bischoff"  
Louden Mch. Co., Fairfield, Ia. "Bird Proof,"  
"Double-V," "Raintite," "Roll-Easy," "Speedway"  
McCabe Hanger Mfg. Co., 425 W. 25th, New York, N. Y.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Martin, S. E., Dalton, O. "Bird," "Channel," "Martin Wonder"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Economy," "Faultless," "Flexible," "Giant," "Myers Adjustable," "Myers Sure Lock," "New Way," "New Way Giant," "O. K. Stayer," "Right Angle," "Simplex," "Sure Grip"  
National Mfg. Co., Sterling, Ill. "Big 4," "Storm-proof"  
Ney Mfg. Co., Canton, O.  
Penn Hdw. Co., Reading, Pa.  
Richards-Wilcox Mfg. Co., Aurora, Ill. "Acme," "Ajax," "Duplex," "Erie," "Everson," "Expansion," "Gem," "Hercules," "Jumbo," "King," "L. T.," "Nero," "New Jap," "O. K.," "Richards Boss," "Richards Peerless," "Samson," "Standard," "Superior," "Sure-On," "U. S.," "Victor," "Wilcox," "Wilcox Stay-On," "Wilcox Tandem," "Wilcox World Wide," "World"  
Richmond Fireproof Door Co., Richmond, Ind.  
Sharon Hdw. Mfg. Co., Sharon, Pa. "Common"  
Stanley Wks., New Britain, Conn.  
Starline, Inc., Harvard, Ill. "Cannon Ball," "Giant," "Knexall," "20th Century," "U. S."  
Swett (A. L.) Iron Works, Medina, N. Y. "Hylo"  
Topping Mfg. Co., Ashland, O. "Red-Rib," "Safety," "Storm King," "U. S. Standard," "Wizard Adjustable," "World's Best"  
Wagner Mfg. Co., Cedar Falls, Ia. "Leader," "Wagner"  
Western Products, Inc., Newcastle, Ind. "Aurora Queen," "Aurora Victor," "Western"  
Wrightsville Hdw. Co., Wrightsville, Pa.

## HANGERS, Door, Parlor

Allith-Prouty, Inc., Danville, Ill.  
Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y. "Lane's"  
Lawrence Bros., Sterling, Ill.  
McCabe Hanger Mfg. Co., 425 W. 25th, New York, N. Y.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
National Mfg. Co., Sterling, Ill. "Silent"  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Sharon Hardware Mfg. Co., Sharon, Pa.  
Wagner Mfg. Co., Cedar Falls, Ia. "Dix," "Wagner"  
Western Products, Inc., Newcastle, Ind. "Western"

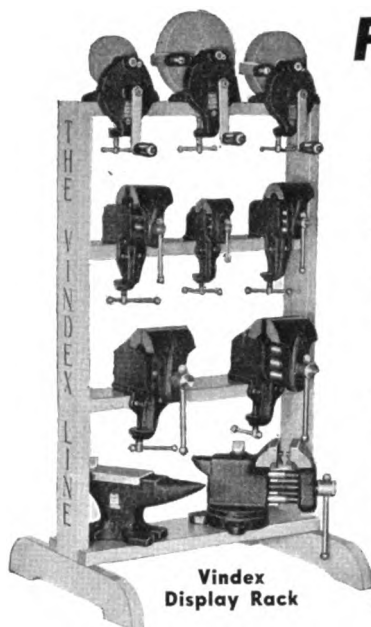
## HANGERS and HINGES, Door, Garage

Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Frantz Mfg. Co., Sterling, Ill.  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
Griffin Mfg. Co., Erie, Pa.  
Lawrence Bros., Sterling, Ill.  
Louden Machy. Co., Fairfield, Ia. "Around-the-Corner," "Folding"  
McCabe Hanger Mfg. Co., 425 W. 25th, New York, N. Y.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Economy," "New Way Giant," "Right Angle,"  
National Mfg. Co., Sterling, Ill. "Junior"  
Ney Mfg. Co., Canton, O.  
Richards-Wilcox Mfg. Co., Aurora, Ill. "Slidetite"  
Sharon Hdw. Mfg. Co., Sharon, Pa.  
Stanley Wks., New Britain, Conn.  
Starline, Inc., Harvard, Ill. "Cannon Ball," "Weatherproof"  
Wagner Mfg. Co., Cedar Falls, Ia. "Cloz-tite," "Foldz-tite," "Wagner"  
Western Products, Inc., Newcastle, Ind. "Western Aurora"

## FREE DISPLAY RACK

### Have You Received Yours?

When you place a minimum order of \$24.99 you not only receive 33 profit-bringing pieces covering 10 different VINDEX numbers but this beautiful display rack FREE as well. And sales will start as soon as you display these popular, fast selling numbers. Write for prices and you will understand why the quality-built Vindex line of Vises, Grinders, Sharpeners and Anvils is America's fastest selling line.



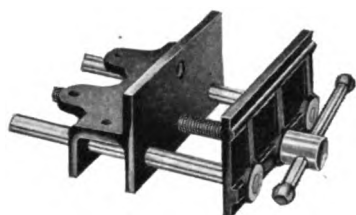
Vindex  
Display Rack

#### The Complete Line

No. 49 Vindex Vise	5" x 1" Vindex Grinder
" 77 " "	No. 150 6" Vindex Bench Grinder
" 250 " "	No. 600 4" Vindex Bench Grinder
" 343 " "	Vindex Household Sharpener
" 300 " "	Vindex Water Grinder
" 400 " "	Jack Shaft for Vindex Water Grinder
" 500 " Wood-working Vise	No. 100 Vindex Anvil
3" x 3/4" Vindex Grinder	Hardy for Vindex Anvil
4" x 1" " "	

#### Vindex Bench Grinders

Priced to meet all competition. New streamlined design, finished in Turquoise Blue Baked Art Metal. Equipped with coarse and fine, fast cutting wheels, oilless bronze bearings, die cast pulleys. Individually cartoned. No. 150—6" x 3/4" wheels. Shipping weight 18 lbs. No. 600—4" x 3/4" wheels (same as above except size and less guards). Shipping weight 7 1/2 lbs.

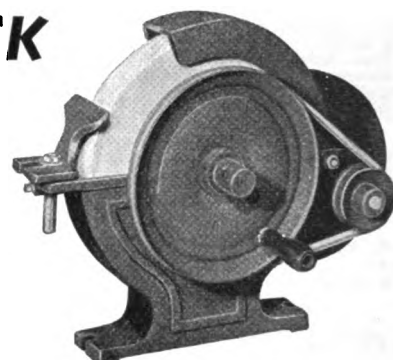


No. 500 Vindex Woodworking Vise

Easy operating vise with 5 1/2" jaws that open 4 1/2". Steel screw and guide bars, black japan finish. Shipping weight 5 1/2 lbs.

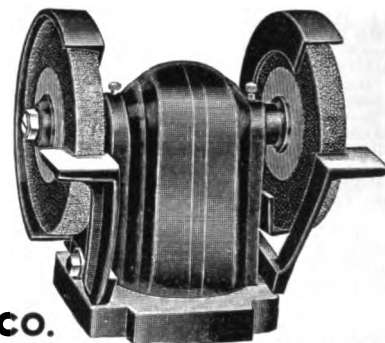
## NATIONAL SEWING MACHINE CO.

Belvidere, Illinois



Vindex Water Grinder

Operated by hand or power. Sharpens woodworking tools, cutlery, etc., without danger of burning. White cut stone of fine quality 10" diameter, 1 1/2" wide. Bronze bearings. Finished in Blue Art Metal, 12 1/2" high, 6 1/4" wide, 13 3/4" long. Supplied with or without Jack Shaft. Shipping weight 33 lbs.

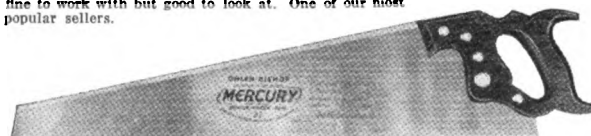


No. 150 Vindex Bench Grinder



The "ZEPHYR" 44

It's streamlined, taper ground, double tempered steel blade is set in 5 cushions of live rubber making it shock-proof. The Zephyr is straight back lightweight with solid walnut handle. Not only fine to work with but good to look at. One of our most popular sellers.



The "MERCURY" 22

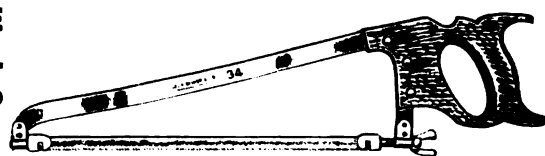
A companion to the Zephyr, also shock-proof. The same fine saw in every respect except that it has the double horned conventional handle. A ready seller and steady repeater.

**OHLEN-BISHOP'S NEW HEAT TREATING PLANT NOW IN OPERATION IS PRODUCING THE MOST UNIFORMLY TEMPERED HAND SAWS MADE TODAY!**

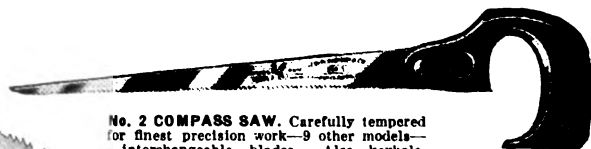
For 88 years the name "OHLEN-BISHOP" has identified the finest quality and most satisfactory service in saws for every sawing purpose. The use of special analysis steel uniformly tempered and precision filed assures flexibility, longer wear and faster, smoother cutting. Every saw user knows OHLEN-BISHOP quality... make your store headquarters for his needs.

**FREE—4 COLOR DISPLAYS AND  
OTHER DEALER HELPS**

## FEATURE AND SELL Ohlen-Bishop GUARANTEED SAWS



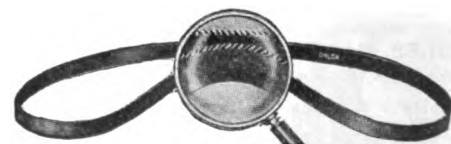
No. 34 "SWIVEL PRUNING SAW," constructed for hard usage and fast cutting, permits close sawing. Cadmium plated frame. 17 other models in every price range.



No. 2 COMPASS SAW. Carefully tempered for finest precision work—9 other models—interchangeable blades. Also keyhole, nest, back and mitre box saws.



"MASTERSAWS". Rip cutoff, combination and jointer patterns. Sizes to 12".



BAND SAWS. Popularly priced—furnished in every length. Special analysis steel, uniform temper, assure long service.



No. 225-B CROSS CUT. Lance tooth, taper ground 5 gauges—26 other models, from heavy duty to one man saws.

**The Ohlen-Bishop Co., Columbus, Ohio, U. S. A.**

Mention Hardware Age When Writing

Digitized by Google



**HANGERS, Door, Warehouse—See Hangers, Door, Barn**

### HANGERS, Dumb-Bell and Indian Club

Hellenberg (J. B.) & Co., Inc., Coldwater, Mich.  
Kupferle, J. C., St. Louis, Mo.  
Medart (Fred) Mfg. Co., St. Louis, Mo.  
Rawlings Mfg. Co., St. Louis, Mo.  
Star Heli Plate Co., 357 Wilson Av., Newark, N. J.  
Williams (A. C.) Co., Ravenna, O.

### HANGERS, Eave Trough and Conductor Pipe

Abbott Mfg. Co., Painesville, O. "Peerless," "Redi-Nail"  
Badger Corrugating Co., La Crosse, Wis.  
Barger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
Barger Bros. Co., 229 Arch, Phila., Pa. "B. B."  
Braden Mfg. Co., Terre Haute, Ind.  
Canton Art Metal Co., Canton, O.  
Edwards Mfg. Co., Cincinnati, O.  
Eller Mfg. Co., Canton, O.  
Friedley-Voshardt Co., Chicago, Ill.  
Gray Metal Products, Inc., Rochester, N. Y.  
Gray Iron Casting Co., Mt. Joy, Pa.  
Heartley Mach. & Tool Co., 900 Summit, Toledo, O.  
Horn Stay Hanger Co., Louisville, Pa.  
Howell Mfg. Co., Byron, Mich. "Ideal"  
Hussey (C. G.) & Co., Pittsburgh, Pa. (Copper)  
Iwan Bros., South Bend, Ind. "Perfection"  
Klauser Mfg. Co., Dubuque, Ia.  
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis. "Minnemeyer," "Never-Slip"  
Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
Messenger & Parks Mfg. Co., Aurora, Ill.  
Milcor Steel Co., Milwaukee, Wis. "Titelock"  
New Delphos Mfg. Co., Delphos, O.  
Ohio Corrugating Co., Warren, O.  
Ohio Wire Products Co., Dover, O. "Dover Imperial," "Ohio"  
Reves Steel & Mfg. Co., Dover, O. "Dover"  
Stratton & Terstege Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"  
Tiffin Art Metal Co., Tiffin, O.  
Wheeling Corrugating Co., Wheeling, W. Va.  
Wright (Thos.) Co., Chicago, Ill.  
Wusterbarth Bros., Meriden, Conn.

**HANGERS, FIRE DOOR—See Fixtures, Door, Fire**

### HANGERS, Garment

American Kleenon Corp., 1133 Bway., New York, N. Y. "Master"  
American Mfg. Concern, Falconer, N. Y.  
Belmar Mfg. Co., Canton, Pa.  
Beverly Coat Hanger Co., 500 Indiana, San Francisco, Cal.  
Canham (Victor H.) & Co., Buffalo, N. Y. "Cushion Grip," "Original," "Star" (Trousers)  
Cimet Products Co., 89 Allen, Rochester, N. Y.  
Empire Co., North Girard, Pa.  
Fisher (Adam) Mfg. Co., St. Louis, Mo. "Multiplex" (Folding)  
Forth Metal Goods Co., Inc., East Aurora, N. Y.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Hinchey Mfg. Co., Washington, Ind. "Peerless"  
Hunt Mfg. Co., Ann Arbor, Mich. "Prestolock"  
Ideal Automatic Garment Hanger Co., Rochester, N. Y. (Folding)  
Imperial Bit & Snap Co., Racine, Wis. "Hold-More"  
Jenkins (E.) Mfg. Co., Worcester, Mass.  
Kason Hdw. Corp., 127 Wallabout, Bklyn., N. Y.  
Kasper Wire Works., Shiner, Tex.  
Keytone Wire Matting Co., Beaver Falls, Pa.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Krischer Trading Corp., 210 Taaffe Pl., Bklyn., N. Y. "Press-Rite"  
LeMontree Mfg. Co., Cincinnati, O. "Lemco"  
Mackie Lovejoy Mfg. Co., 1701 W. 13th, Chicago, Ill. "Belmar," "Setwell"  
Milwaukee Stamping Co., Milwaukee, Wis. "Riteway"  
Page & Gleason Hanger Co., Fitchburg, Mass.  
Racine Iron & Wire Wks., Racine, Wis. "Rite-Shape"  
Roche, Dr. Edwin J., 402 Caesar Misch Bldg., Providence, R. I.  
Rumsead Wood Products, Inc., Rochester, N. Y. "Holdmore"  
Sommer (J. L.) Mfg. Co., 251 N. J. Railroad Av., Newark, N. J. "Fitwell" (Folding)  
South Montrose Mfg. Co., Inc., South Montrose, Pa.  
Stanley Wks., New Britain, Conn.  
Stiles (H. A.) & Co., Boston, Mass. "Goodform," "Haco"  
Tadlin Mfg. Co., New Britain, Conn. "Victor"  
Timberlake (J. B.) & Sons, Jackson, Mich.  
Troy Wire Goods Co., Troy, N. Y.  
United States Lock & Hdw. Co., Columbia, Pa.  
Wayne Paper Goods Co., Fort Wayne, Ind.  
Washington Company, Worcester, Mass. "American," "Fold-Bak"

### HANGERS, Gate

Allith-Prouty, Inc., Danville, Ill.  
Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
McGee Hanger Mfg. Co., 425 W. 25th, New York, N. Y.

### HANGERS, Hose, Garden

Store Pipe & Mfg. Co., 2104 Woodland Av., Cleveland, O. "Handy"  
Hanger Door Catch Co., Superior, Wis.  
**HANGERS, Indian Club—See Hangers, Dumb-Bell and Indian Club**

### HANGERS, Joist

Cleveland Steel Spec. Corp., 3767 E. 91st, Cleveland, O. "Cleveland"  
Duplex Hanger Co. Div. Consolidated Iron-Steel Mfg. Co., 1290 E. 53rd, Cleveland, O.  
Ideal Hanger Co. Div. Consolidated Iron-Steel Mfg. Co., 1290 E. 53rd, Cleveland, O.  
Lane Joist Hanger Co., 3612 O'Donnell, Baltimore, Md.  
Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y.  
McDougall & Potter Co., Rider Av. & 141st, New York, N. Y.  
O'Leary (Arthur J.) & Son Co., 5767 W. 65th, Chicago, Ill.  
Riesack Iron Works, Pittsburgh, Pa.  
St. Louis Wire & Iron Co., St. Louis, Mo.  
Smith (A. L.) Iron Works, Chelsea, Mass.  
Smith (F. P.) Wire & Iron Wks., 2346 Clybourn Av., Chicago, Ill. "Ideal"

**HANGERS, License—See Brackets, License**

### HANGERS, Outlet Box

Adapti Co., Cleveland, O.  
Appleton Electric Co., Chicago, Ill.  
Austin (M. B.) Co., Chicago, Ill.  
Bonnell Electric Mfg. Co., 194 Chambers, New York, N. Y.  
Chicago Steel Tank Co., Chicago, Ill. "C.S.T."  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Mid-West Metal Products Co., Muncie, Ind. "Fits-M-All," "Krusse"  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Quadrangle Mfg. Co., Chicago, Ill.  
Rattan Mfg. Co., New Haven, Conn.  
Roach-Appleton Mfg. Co., South Bend, Ind. "Raco"  
Steel City Electric Co., Pittsburgh, Pa.  
Thomas & Betts Co., Elizabeth, N. J. "T & B"

### HANGERS, Picture

(See also Hooks, Picture)

Moore Push Pin Co., 113-125 Berkley, Phila., Pa. "Push-Less"  
Stransky Products Corp., 261 Canal, New York, N. Y. "King Pin"  
Tate (E. H.) Co., 251 Causeway, Boston, Mass. "Bull Dog"

**HANGERS, PIPE, CONDUCTOR—See Hangers, Eaves Trough & Conductor Pipe**

### HANGERS, Pipe

Beaton & Caldwell Mfg. Co., New Britain, Conn. "Perfection," "Universal"  
Carpenter & Paterson, Inc., East Boston, Mass.  
Crawford Co., Chicago, Ill.  
Fee & Mason Mfg. Co., 81 Beekman, New York, N. Y. "A.B.C.," "Astoria," "Beekman"  
Ford & Kendig Co., Phila., Pa.  
Grabler Mfg. Co., 6565 Bway, Cleveland, O. "G"  
Grinnell Co., Providence, R. I.  
Heartley Mach. & Tool Co., 900 Summit, Toledo, O.  
Hubeny Brothers, Inc., Roselle, N. J.  
Illinois Malleable Iron Co., Chicago, Ill.  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
Neptune Hdw. Mfg. Co., 70 Duane, New York, N. Y.  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Pittsburgh Valve & Fitting Co., Barborton, O.  
Red Jacket Mfg. Co., Davenport, Ia.  
Rockwood Sprinkler Co., Worcester, Mass. "Adjustable Clips"  
Signode Steel Strapping Co., 2635 N. Western Av., Chicago, Ill. "Fit-All"  
Wall (P.) Mfg. Supply Co., 3126-3166 Preble Av., Pittsburgh, Pa.  
Walworth Co., 60 E. 42nd, New York, N. Y.  
Wrigley (Thomas) Co., Chicago, Ill. "Ahlander"  
Zurn (J. A.) Mfg. Co., Erie, Pa. "Advance"

### HANGERS, Pipe, Perforated Strap

Hays Mfg. Co., Erie, Pa.  
Modern Mfg. Co., 4734 Hough Av., Cleveland, O.  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"

### HANGERS, Plate and Plaque

Timberlake (J. B.) & Sons, Jackson, Mich.

### HANGERS, Sash Pole

Barrows Lock Wks., of Yale & Towne Mfg. Co., North Chicago, Ill.  
Champion Hardware Co., Geneva, O.  
Corbin, P. & F., New Britain, Conn.  
Ives (H. B.) Co., New Haven, Conn.  
Sager Lock Wks., of Yale & Towne Mfg. Co., No. Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Yale & Towne Mfg. Co., Stamford, Conn.

**HANGERS, Storm Sash—See Hangers, Window Screen and Storm Sash**

### HANGERS, Window Screen and Storm Sash

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-O-Krat"  
Alsteel Mfg. Co., Battle Creek, Mich.  
American Brass Goods Co., Grand Rapids, Mich.  
Brainerd Mfg. Co., East Rochester, N. Y. "F-Z"  
Casement Hdw. Co., 404 North Wood, Chicago, Ill. "Win-Dor"  
Champion Hardware Co., Geneva, O.  
Cramer & Co., Gardner, Kan.  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. "F-Z-Way"

Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
Fiwale Equipment Mfg. Co., 64 Reade, New York, N. Y.  
Frantz Mfg. Co., Sterling, Ill.  
Fernald Mfg. Co., North East, Pa.  
General Hardware Mfg. Co., 16 Warren, New York, N. Y.

Griffin Mfg. Co., Erie, Pa.  
Handy Things Mfg. Co., Ludington, Mich.  
Judd (H. L.) Co., Wallingford, Conn.  
Kees (F. D.) Mfg. Co., Beatrice, Neb. "Gossett"  
Lafayette Metal Products Co., 2416 San Pablo Av., Oakland, Cal.

Lawrence Bros., Sterling, Ill.  
Louden Machinery Co., Fairfield, Ia.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Merrill (P. W.) Co., Cambridge, Mass.  
Merrill Mfg. Corp., Merrill, Wis.  
National Lock Co., Rockford, Ill. "Snapin-Place"  
National Mfg. Co., Sterling, Ill.  
New Britain Tool & Mfg. Co., Inc., New Britain, Conn.

Parker Wire Goods Co., Worcester, Mass.  
Phenix Mfg. Co., Inc., 2684 N. Humboldt Blvd., Milwaukee, Wis.

Porter (G. E.) Co., Ottawa, Ill.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Saint Louis Hdw. Mfg. Co., St. Louis, Mo. "Douglass"  
Sharon Hardware Mfg. Co., Sharon, Pa.  
Shelby Metal Products Co., Shelby, O.  
Shelby Spring Hinge Co., Shelby, O.  
Stanley Wks., New Britain, Conn.  
Superior Fastener Corp., 5224 N. Clark, Chicago, Ill.

Thompson Mfg. Co., Los Angeles, Cal. "Universal," "Simplex"  
Weber-Knapp Co., Jamestown, N. Y.  
Woodruff (Walter W.) & Sons, Mt. Carmel, Conn. "Dobler"

**HANGING LANTERNS—See Lanterns, Hanging**

### HARDWARE, Airport Door

Allith-Prouty, Inc., Danville, Ill.  
Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Lawrence Bros., Sterling, Ill.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Stanley Wks., New Britain, Conn.  
Starline, Inc., Harvard, Ill.  
Western Products, Inc., Newcastle, Ind. "Western"

**HARDWARE, Builders—See article desired**

**HARDWARE, Cabinet—See Cabinet Hardware**

### HARDWARE, Carded

American Cabinet Hdw. Corp., Rockford, Ill. (Individually Packaged)  
Champion Hardware Co., Geneva, O.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Lawrence Bros., Sterling, Ill.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Sargent & Co., New Haven, Conn.  
Shelby Metal Products Co., Shelby, O.  
Shelby Spring Hinge Co., Shelby, O.  
Stanley Works, New Britain, Conn.  
Weber-Knapp Co., Jamestown, N. Y.

**HARDWARE, Casement, Window—See Casement Window Hardware**

**HARDWARE, Colonial—See Wrought Iron Hardware**

**HARDWARE CLOTH—See Cloth, Hardware**

### HARDWARE, Curtain and Drapery

Alden Mfg. Co., Painesville, O.  
Getty (H. S.) & Co., Inc., 8348 No. 10th, Phila., Pa.  
Gould-Mersereau Co., Inc., 189 Lexington Av., New York, N. Y.

Judd (H. L.) Co., Inc., Wallingford, Conn.  
Kenney Mfg. Co., Cranston, R. I. "Drapewell"  
Kirsch Co., Sturgis, Mich.  
Krischer Trading Corp., 210 Taaffe Pl., Bklyn., N. Y. "Knight Brand"  
Kroder Reubel Co., Inc., 108 Meeker Av., B'klyn., N. Y.

Painesville Metallic Binding Co., Painesville, O.  
Turner & Seymour Mfg. Co., Torrington, Conn.

### HARDWARE, Disappearing Door

Allith-Prouty, Inc., Danville, Ill.  
Easy-Raise Door Co., National Bldg., Cleveland, O.  
Lawrence Bros., Sterling, Ill.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Wagner Mfg. Co., Cedar Falls, Ia.

### HARDWARE, Door, Sliding and Folding (See also Garage Hardware)

Allith-Prouty, Inc., Danville, Ill.  
Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Corbin, P. & F., New Britain, Conn.  
Easy-Raise Door Co., National Bldg., Cleveland, O.  
Evans (W. L.), Washington, Ind.  
Frantz Mfg. Co., Sterling, Ill.  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y. "Lane's"

Lawrence Bros., Sterling, Ill.  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Mfg. Co., Sterling, Ill.  
Philipp Mfg. Co., Easthampton, Mass.  
Richards-Wilcox Mfg. Co., Aurora, Ill. "Fold-B-Way" (Also for Partitions)

Stanley Wks., New Britain, Conn.  
Starline, Inc., Harvard, Ill. "Cannon Ball"  
Wagner Mfg. Co., Cedar Falls, Ia. "Cloz-Tite," "Foldz-Tite"  
Western Products, Inc., New Castle, Ind. "Western"  
**HARDWARE, Fire Door—See Fixtures, Door Fire**



**SELL  
THE  
BEST...**

**Sell  
BUCKEYE  
RIVETS**



They cost no more than ordinary rivets, yet each one is backed by 70 years of T R & S Co. experience and integrity. Thus your customers are assured complete satisfaction and your profit is the same as for ordinary brands.



**TUBULAR RIVET & STUD CO.**

World's Largest Manufacturers of Tubular and Split Rivets

WOLLASTON (Boston)

MASSACHUSETTS

New York Chicago Detroit Indianapolis San Francisco  
Nashville Dallas St. Louis

UTILITY

NEWS

PROFIT  
PROVED  
HOUSEHOLD  
TOOLS



**No. 14 HAND  
DRILL**—Length  
9 3/4", gear 2 1/2".  
Spring chuck,  
chuck capacity 1  
1/4". Packed 1  
doz. to box, 12  
boxes to carton.



**No. 75 RATCHET SCREW DRIVER**  
—3" hardened and tempered steel blade,  
black pear shaped hardwood handle, nickel-  
plated brass ferrule. 1 doz. to box, 12 boxes  
to carton.

*Also smaller size with 2 1/4" blade—  
Black Beauty Model 276*



**No. 337 FOUNTAIN PEN—  
RATCHET SCREW DRIVER**  
—2" hardened and tempered steel  
blade, red hardwood handle, nickel-  
plated brass ferrule. 1 doz. to box,  
12 boxes to carton.



**No. 39 ADJUSTABLE PIS-  
TOL GRIP HACKSAW**—  
Cadmium plated. Adjustable  
8-10-12" blades. Packed 1  
doz. to box complete with  
blades.

Send for  
**FOLDER**  
and  
**PRICES**

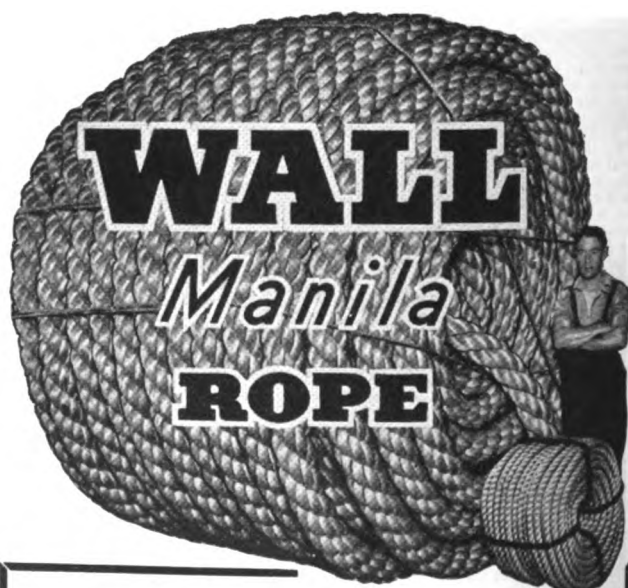
**UTILITY  
HARDWARE CORP.**  
315-323 Berry St., Brooklyn, N. Y.

High standard of  
the industry —

**WRIGHT  
POULTRY  
NETTING**



**G.F. WRIGHT STEEL & WIRE CO.**  
WORCESTER • MASS.



**RELIABLE — TRUSTWORTHY — ECONOMICAL**  
Specially constructed in a wide variety of sizes and  
types, but only the highest standard.

**GENERAL HARDWARE CORDAGE**

Pile Driver	Hoisting	Hammerfall
Transmission	Drilling	Bolt Rope
Shovel Rope	General Contracting	Tree
Climb	Structural	Marine
doring	Dredging	Oil & Water-Well



**WALL ROPE WORKS, INC.**

48 South St.  
New York, N. Y.

Factory:  
Beverly, N. J.

Boston, Philadelphia, Chicago, San Francisco, Houston,  
Tulsa, Baltimore, New Orleans, Norfolk, Pittsburgh.



## HARDWARE, Gable Door.

Allith-Prouty, Inc., Danville, Ill.  
Frantz Mfg. Co., Sterling, Ill.  
National Mfg. Co., Sterling, Ill.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Wagner Mfg. Co., Cedar Falls, Ia.

**HARDWARE, Garage—See Garage Hardware**

## HARDWARE, Garage Door, Overhead Acting

Barber-Colman Co., Rockford, Ill. "Barcol"  
Coburn Trolley Track Co., Holyoke, Mass. "Easy-Lift," "Tip-Top," "Turn-Over"  
Easy Raise Door Co., National Bldg., Cleveland, O.  
Empire Plow Co., 3140 E. 65th, Cleveland, O. "Automatic Hinge"  
Frantz Mfg. Co., Sterling, Ill. "Over-The-Top," "Pivot-Lift"  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
Hall Mfg. Co., Cedar Rapids, Ia. "Overall"  
Lawrence Bros., Sterling, Ill.  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Mfg. Co., Sterling, Ill.  
Richards-Wilcox Mfg. Co., Aurora, Ill. "Do-R-Way," "Over-R-Way"  
Rose Mfg. Co., Galesburg, Ill. "Ro-Way"  
Stanley Wks., New Britain, Conn. "Roll-Up," "Swing-Up"  
Starline, Inc., Harvard, Ill. "Cannon Ball"  
Wagner Mfg. Co., Cedar Falls, Ia. "Canopy," "Glideover," "Wagner"  
Western Products, Inc., Newcastle, Ind. "Tip-Top"

**HARDWARE, Heavy—See article desired**

**HARDWARE, Harness and Saddlery—See Harness and Saddlery Hardware**

**HARDWARE JOBBERS' CATALOG COMPILERS, PRINTERS AND BINDERS—See Catalog Compilers, Printers and Binders**

## HARDWARE, Lavatory

Barrows Lock Wks., of Yale & Towne Mfg. Co., North Chicago, Ill.  
Bommer Spring Hinge Co., 263 Clason Av., B'klyn, N. Y.  
Bry-Krause Mfg. Co., Allentown, Pa.  
Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. (Stall Door)  
City Plating & Mfg. Co., St. Louis, Mo.  
Corbin, P. & F., New Britain, Conn. "Newton"  
Getty (H. S.) & Co., Inc., 3348 N. 10th, Phila., Pa.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
McKinney Mfg. Co., Pittsburgh, Pa.  
Milwaukee Stamping Co., Milwaukee, Wis.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Reading Hardware Corp., Reading, Pa.  
Sager Lock Wks., of Yale & Towne Mfg. Co., No. Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Sargent & Greenleaf, Inc., Rochester, N. Y.  
Slaymaker Lock Co., Lancaster, Pa.  
Yale & Towne Mfg. Co., Stamford, Conn.

**HARDWARE, REFRIGERATORS—See Refrigerator Hardware**

**HARDWARE SCALES—See Scales, Counter**

**HARDWARE SCREEN DOOR—See Screen Door Hardware**

**HARDWARE SHELF BOXES—See Boxes, Shelf Hardware**

## HARDWARE, Shutter

Brown (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
Corbin, P. & F., New Britain, Conn.  
Bess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
Lawrence Bros., Sterling, Ill.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Sharon Hdw. Mfg. Co., Sharon, Pa.  
Stanley Wks., New Britain, Conn.

## HARDWARE, Sign

Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O.

## HARDWARE, Suit Case

Brainerd Mfg. Co., East Rochester, N. Y.  
Cabin Cabinet Lock Co., New Britain, Conn.  
Eagle Lock Co., Terryville, Conn.

## HARDWARE, Trunk

Prainerd Mfg. Co., Inc., East Rochester, N. Y.  
Bodd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
Cabin Cabinet Lock Co., New Britain, Conn.  
Greene Mfg. Co., Racine, Wis.  
Milwaukee Stamping Co., Milwaukee, Wis.  
North & Judd Mfg. Co., New Britain, Conn.  
Rondell Pressed Metal Wks., Inc., Richmond, Va.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sessions (J. H.) & Son, Bristol, Conn.  
Stanley Wks., New Britain, Conn.

## HARDWARE, Venetian Blind

Bead Chain Mfg. Co., Bridgeport, Conn. (Bead Chain Controls)  
Beale Equipment Mfg. Co., 64 Reade, New York, N. Y.  
Blind Specialty Mfg. Co., Cleveland, O.  
Blind Specialty Hardware Mfg. Corp., 891 W. B'way, New York, N. Y.  
Venetian Blind Corp., 3447 E. 24th, Los Angeles, Cal. "Afr-Lite"

**HARDWARE WROUGHT IRON—See Wrought Iron Hardware**

**HARDWOOD FLOOR CLEANERS—See Cleaners, Floor, Hardwood**

## HARMONICAS

Hohner (M.) Inc., 351 Fourth Av., New York, N. Y.  
Rolmonica Music Co., Inc., Baltimore, Md. (Chromatic)

## HARNESS and SADDLERY

(See also article desired)

Allen (Bona), Inc., Buford, Ga. "Latigotan"  
Barnett Mfg. Co., 315 Poplar, Macon, Ga.  
Barret (W. G.) Co., Inc., Owensboro, Ky.  
Beard (H. B.) & Co., York, Pa.  
Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
Belknap Hdw. & Mfg. Co., Louisville, Ky.  
Boyt Harness Co., Des Moines, Ia. "Breadwinner," "Standard Boyt"  
Buffalo Weaving & Belting Co., Black Rock, N. Y.  
Burton Mfg. Co., Jasper, Ala.  
Caldwell Lace Leather Co., Auburn, Ky.  
Central Harness & Saddlery Co., Louisville, Ky.  
Clinton Saddlery Co., Clinton, Ia.  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Dakota Harness & Hdw. Co., Fargo, N. Dak.  
Dodson-Fisher Co., Minneapolis, Minn.  
Dorries Co., Inc., 89 B'way, Buffalo, N. Y.  
Duhamel Co., Rapid City, S. Dak.  
Dusman, H. F., York, Pa.  
Ferguson Co., 1000 B'way, Paducah, Ky.  
Friend (Chas.) & Son, Inc., 343 Jackson, St. Paul, Minn.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Godfrey, G. R., Gardner, Mass.  
Goetz Saddlery Co., Ransom, W. Va.  
Harbison & Gathright, Inc., Louisville, Ky.  
Harpham Bros. Co., Lincoln, Neb.  
Harrer, Fred C., 1107 W. Montgomery Ave., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Heiser (Herman H.) Saddlery Co., Denver, Colo.  
Hermann-Brownlow Co., Springfield, Mo. "Black Beauty"  
Hess & Hopkins Leather Co., Rockford, Ill.  
Hide & Leather Co., Seymour, Ind.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Jackson (A. D.) Saddlery Co., Benton, Ill.  
Kentucky Whip & Collar Co., Eddyville, Ky.  
Keystone Bros., 755 Mission, San Francisco, Cal.  
Klein Savidge Co., Inc., 161 N. 3rd, Phila., Pa.  
Kopf Mfg. Co., 49 Warren, New York, N. Y. "Blue Ribbon"  
Krieger (J. P.) Saddlery Co., 320 Pearl, Louisville, Ky.  
Kurzynski Mfg. Co., 1608 Central Av., Cincinnati, O. "Kurco"  
Lawrence (Geo.) Co., Portland, Ore.  
Lea Co., Elgin, Ill.  
Leather Products, Inc., Sheboygan, Wis. "Master"  
Lentz, A. C., Gold Hill, N. C.  
Lichtenberger-Ferguson Co., 352 S. Los Angeles, Los Angeles, Cal.  
McConnell (S. R. & I. C.) Co., Burlington, Ia. "Hawkeys"  
Merchants Supply Co., Ft. Wayne, Ind.  
Meyer Bros. Saddlery Co., Sioux City, Ia.  
New Braunfels Leather Co., Inc., New Braunfels, Tex.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Mueller (Fred) Saddle & Harness Co., Denver, Colo.  
Noe (Geo. D.) Harness Co., Minneapolis, Minn.  
Olmdsted Co., 235 W. Water, Syracuse, N. Y.  
Orman Partee Saddlery Co., Nashville, Tenn.  
Oxley Bros., Newark, O.  
Paxgitt Bros. Co., Dallas, Tex. "Broncho"  
Pekin Leather Products Co., Pekin, Ill.  
Pierce Harness Co., Spokane, Wash.  
Porter (N.) Saddle & Harness Co., Phoenix, Ariz.  
Read (J. G.) & Bros. Co., Ogden, Utah.  
Regnier (T. J.) Inc., Springfield, Mass.  
Robinson-McGill Mfg. Co., Shelbyville, Tenn.  
Schafer Co., Decatur, Ind. "Black Beauty"  
Scheffer & Rossum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"  
Schollkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Sears Saddlery Co., Davenport, Ia.  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind. "Dura-Tan"  
Shelbyville Harness Co., Shelbyville, Tenn.  
Shipley (Chas. P.) Saddlery & Merc. Co., 1629 Genesee, Kansas City, Mo.  
Smith Sons Harness Co., Inc., Buffalo, N. Y.  
Smith-Worthington Saddlery Co., Inc., Hartford, Conn.  
Southern Saddlery Co., Inc., Chattanooga, Tenn.  
Sternberg (A.) Saddlery, Albany, Ore.  
Stratton-Warren Hdw. Co., Memphis, Tenn. "Elk"  
Straus-Bodenheimer Co., Houston, Tex. "Star Brand"  
Strecker Bros. Co., Marietta, O.  
Syracuse Saddlery Co., Syracuse, N. Y.  
Texas Tanning & Mfg. Co., Yoakum, Tex. "Hereford"  
Van Nostrand Saddlery Co., Muscatine, Ia. "Vanco"  
Van Voorhies-Phinney Co., Sacramento, Cal.  
Virginia Leather Co., Richmond, Va.  
Vogel, Adolf, San Antonio, Tex. "Vogel"  
Walsh Harness Co., Milwaukee, Wis.  
Wayne Saddlery Co., Wayne, Mich.

Weidez (John A.) & Son, Inc., Rochester, N. Y.  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Wiggert Bros., La Crosse, Wis. "Monarch"  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

## HARNESS and SADDLERY HARDWARE

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
American Hame & Bit Co., 59 N. J. R. R. Av., Newark, N. J.  
American Mfg. Co., Chattanooga, Tenn.  
Covert Mfg. Co., Troy, N. Y.  
Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2784 Tennyson Rd., S. E., Cleveland, O. "Eberhard's Finish"  
Enterprise Mfg. Co., Dept. HA, Akron, O.  
Haven Malleable Castings Co., Cincinnati, O.  
Imperial Bit & Snap Co., Racine, Wis.  
Jenkinson (R. C.) & Co., 306 Adams, Newark, N. J.  
Kalamazoo Steel Goods Co., Kalamazoo, Mich.  
Midland Co., South Milwaukee, Wis.  
Moline Iron Wks., Moline, Ill.  
North & Judd Mfg. Co., New Britain, Conn. "Anchor Brand"  
Parker Metal Goods Co., Worcester, Mass.  
Perforated Pad Co., Woonsocket, R. I.  
Schartow Iron Products Co., Racine, Wis. "Sipco"  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind.  
Steffens-Amberg Co., 262 Morris Av., Newark, N. J.  
Ushco Mfg. Co., Inc., Buffalo, N. Y.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.  
**HARNESS AWLS—See Awls, Harness**  
**HARNESS BITS—See Bits, Bridle**  
**HARNESS BUCKLES—See Buckles, Harness**  
**HARNESS CHAINS—See Chains, Harness**

## HARNESS, Dog

American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
Baltimore Leather Goods Co., Baltimore, Md.  
Brauer Bros., Inc., St. Louis, Mo. "Moose Brand"  
Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
Craftsman Leather Specialty Co., Dayton, O. "A-Just-X"  
Decker, J. C., Inc., Montgomery, Pa.  
Empire Dog Furnishing Corp., 171 Greene, New York, N. Y.  
Graton & Knight Mfg. Co., Worcester, Mass.  
Improved Mfg. Co., 58 Montgomery, Jersey City, N. J.  
Kraus (Edw. E.) & Son, Milwaukee, Wis.  
Lefkowitz (Louis) & Bro., Inc., 25 Water, New Brunswick, N. J.  
Montauk Leather Specialty Co., 3 W. 19th, New York, N. Y.  
Pine, Geo. D., 89 Chambers, New York, N. Y.  
Regnier (T. J.), Inc., Springfield, Mass. "Kennel King"  
Schaefer (A. W.), 323 St. Nicholas Av., B'klyn, N. Y.  
Schoellkopf Co., Dallas, Tex.  
Smith-Worthington Saddlery Co., Hartford, Conn.  
Stalker Mfg. Co., 71 Murray, New York, N. Y.  
Stevens (W. B.) & Son, 155 W. B'way, New York, N. Y.  
Weider (John A.) & Son, Inc., Rochester, N. Y.  
Wilson, Wm. A., 50 Warren, New York, N. Y.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.  
**HARNESS DRESSINGS—See Dressings, Harness**

## HARNESS, Frog, Fishing

Enterprise Mfg. Co., Dept. H A, Akron, O.  
Heddon's (James) Sons, Dowagiac, Mich.  
Jamison (W. J.) Co., 5817 W. Division, Chicago, Ill.  
Marathon Bait Co., Wausau, Wis.  
South Bend Bait Co., South Bend, Ind.

**HARNESS HARDWARE—See Harness and Saddlery Hardware**

**HARNESS HOOKS—See Hooks, Harness**

**HARNESS MAKERS' TOOLS—See article desired**

**HARNESS PADS—See Pads, Horse Collar**

**HARNESS PUNCHES—See Punches, Belt and Saddlers'**

**HARNESS ROSETTES—See Rosettes**

## HARNESS, Ski and Snowshoe

Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Flexible Flyer"  
American Fork & Hoe Co., Geneva, O. (Snowshoe)  
Bredenberg Bros., Inc., Champlain, N. Y. "Broad-mount"  
Dodds (Harvey E.) Co., N. Tonawanda, N. Y. "Chalet," "Trailblazer"  
Gerber Bros., 2606 First Av., Seattle, Wash.  
Groswood Ski Co., Inc., 1205 Shoshone, Denver, Col.  
Lund (C. A.) Co., Hastings, Minn.  
Metal Products Mfg. Co., 1762 Rainier Av., Seattle, Wash. "Geisert"  
Northland Ski Mfg. Co., St. Paul, Minn.  
Oxford Corp., W. Paris, Me.  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. (Swedish)  
Snocraft, Inc., Norway, Me.  
Strand (Martin A.) Ski Co., New Richmond, Wis.  
Warren Belting Co., Worcester, Mass.  
**HARNESS SNAPS—See Snaps, Harness**

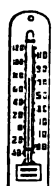
# AMERICAN THERMOMETERS

Listed below are some popular numbers in our complete line of domestic and commercial thermometers. Fifty-six years' experience in building precision instruments has made AMERICAN a brand nationally known for accuracy and dependability. All thermometers individually boxed unless otherwise specified.

## HOUSEHOLD THERMOMETERS

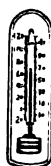
Send for bulletins No. 111 describing our complete line of Household thermometers.

No. 5003—8" Lucite Window "Klear-Vue" Thermometer. Attaches to outside of window pane by two 1" rubber vacuum cups. Available in dark red or clear. Red Spirit magnifying lens tube. Average range —40° to +120° in 2° divisions. Packed 6 in a display box assorted colors or individual box.

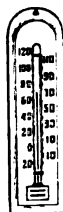


No. 5007 — 6" White Lacquered Wall Thermometer. Protective guard integral with frame. Red Spirit magnifying lens tube. Average range —40° to +120° F. Packed 6 to display box.

No. 5013 — 5" White Porcelain Wall Thermometer. Red Spirit magnifying lens tube. Average range: —10° to +120° F.



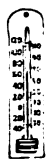
No. 5015—9" White Porcelain Thermometer. Sturdy protective guard. Non-fading Red Spirit magnifying lens tube. Average range —40° to +120° F.



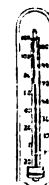
No. 5005—"Temp-plate" 4 1/2" Satin Chrome Switch Plate Thermometer. Attaches to standard toggle switch. Scale and numerals stamped in plate. Non-fading Red Spirit magnifying lens tube. Scale range —20° to +120° F. Packed 12 instruments in display box with screws.



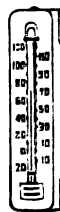
No. 5045 — 6" White Porcelain Thermometer. Same as No. 5007 except white porcelain. Average scale range —40° to +120° F.



No. 5035 — 7" White Porcelain Thermometer. Non-fading Red Spirit magnifying lens tube.

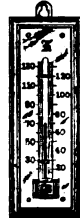


No. 5001 — 6" White Porcelain Window "Ezy-Vue" Thermometer. Attaches to underside of top sash of telescoping window, or to side of window frame. Triangular frame. Red Spirit magnifying lens tube. Average range —40° to +120° F. Packed 6 to display box with screws.



No. 5019—8" White Porcelain Window Thermometer. Frame 8 1/4" x 1 3/4". Attaches to window, door frame or porch. Red Spirit magnifying lens tube. Average range —40° to +120° F., in 2° divisions. Packed in individual box with brackets and screws.

No. 5067—Baby Bath Thermometer. Floating, boat-shaped wooden frame, 4" x 2" x 1 1/2". Finished in Baby Blue or Baby Pink (harmless) enamel. Red Spirit magnifying lens tube. Average range +40° to +115° F. Packed in gift box—6 boxes to counter display carton.



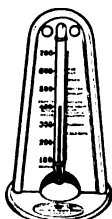
No. 5025—5" Wood Back Wall Thermometer. Maple or Mahogany. Engraved scale. Red Spirit magnifying lens tube. Average scale +10° to 120° F.

No. 5023—8" Wood Back Wall Thermometer. Finished in Oak. Engraved scale, black finished brass. Red Spirit magnifying lens tube. Average range—30° to +120° F.



## COOKING AND BAKING THERMOMETERS

Send for Bulletin No. 102 describing our complete line of Cooking and Baking thermometers.



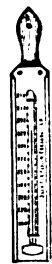
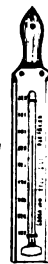
No. 5700—"Bakerite" White Porcelain Portable Oven Thermometer. Frame 5 3/16" high with 3" round base. Mercury magnifying lens tube. Average range +100 to +600° F. Approved by Good Housekeeping Institute. Recipe book included.

No. 5701—White Porcelain Refrigerator Thermometer. Frame 5 3/16" high with 3" round base. Average range 0 to +120° F. Red Spirit magnifying lens tube. Similar to No. 5700.



No. 5702 — White Porcelain Candy & Jelly Thermometer. Frame 8 1/4", with rigid maple wood handle. Adjustable clip. Average range +50° to +330° F. Mercury magnifying lens tube. Approved by Good Housekeeping Institute. Recipe book included.

No. 5704 — White Porcelain Combination Candy and Fat Frying Thermometer. Frame 8 1/4", with rigid maple wood handle. Adjustable clip. Average range +50° to +500° F. Mercury magnifying lens tube. Recipe book included.

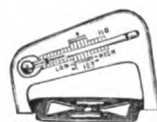


No. 5706—White Porcelain Deep Fat Frying Thermometer. Frame 8 1/4", with rigid maple wood handle. Adjustable clip. Average range +50° to +650° F. Mercury magnifying lens tube. Recipe book included.

## INCUBATOR AND BROODER THERMOMETERS

Send for Bulletin No. 113 describing our complete line of Incubator and Brooder Thermometers.

No. 6050—Incubator thermometer with stand. Porcelain frame and stand. Hatching zone 100° to 105°. Mercury magnifying lens tube.



No. 6052—Certified incubator thermometer with engraved tube to match the printed scale. Same construction features as No. 6050.



No. 6054—Incubator thermometer with special stand. Porcelain frame and stand. Hatching zone 100° to 105°. Mercury magnifying lens tube.

No. 6058—Incubator thermometer without stand. White Porcelain. Hatching zone 100° to 105°. Mercury magnifying lens tube.

No. 6060—Certified incubator thermometer with engraved tube to match printed scale. Construction features similar to No. 6074.

## INCUBATOR AND BROODER THERMOMETERS (continued)

No. 6074—Incubator thermometer without stand. White porcelain. Hatching zone 99° to 103°. Mercury magnifying lens tube.



No. 6062—Incubator thermometer. White enameled scale mounted on wooden frame. Range 90° to 110° F. emphasized at 103° point. Recommended for electric forced circulation incubators.

## INDUSTRIAL THERMOMETERS

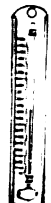
Send for Bulletin No. 106 describing our complete line of Industrial thermometers.

No. 7001—Floating Dairy Thermometer. Glass tube 7/8" x 3/8" in diameter. Average range +20° to +220° F. Red Spirit magnifying lens tube. Packed in cylindrical carton.

No. 7011—8" White Porcelain Hot Room Thermometer. Average range 0 to +220° F. Red Spirit magnifying lens tube.

No. 8021—11" Stainless Steel Hot Room Thermometer. Average range 0 to +220° F. Red spirit magnifying lens tube.

No. 7021—Ham Boiling Thermometer. Same as No. 7011 except rigid wood handle.



No. 8025—11" Stainless Steel Ham Boiling Thermometer—same as No. 8021 except rigid wood handle.



No. 7035—6 1/2" White Porcelain Refrigerator Car Thermometer. Average range —20° to +120° F. Red Spirit magnifying lens tube.

No. 7033—Same as No. 7035 except average range 0 to 70° F.

No. 7020—10" Tin Case Maximum and Minimum Thermometer. Average range —40° to +120° F. "U" type mercury tube and magnet.



No. 7050—9" Wood Back Hygrometer. Wet and Dry bulb. Relative humidity table on back. Average range 0 to +120° F. Mercury magnifying lens tube.

No. 7052—Same as No. 7050 except average range 0 to +220° F.



No. 8035—10" American Tobacco curing thermometer. White lacquered steel frame with 7/16" protective flange. Large rust-proofed hanger. Average range +40 to +270° F. Yellow band on scale range 80°—120° F. Blue band on scale range 140°—170° F. Red spirit magnifying lens tube.

**Order Through  
Your Wholesaler**

**AMERICAN THERMOMETER CO. 2901-21 Clark Ave., St. Louis, Mo.**

Mention Hardware Age When Writing

Digitized by Google



**HARNES SOAPS**—See Soaps, Harness  
**HARNES SPOTS**—See Spots, Harness  
**HARNES STITCHING CLAMPS**—See Clamps, Harness Stitching  
**HASP LOCKS**—See Locks, Hasp; also Locks, Padlock

## HASPS and STAPLES

American Specialty Co., Bridgeport, Conn.  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Corbin, P. & F., New Britain, Conn.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Frantz Mfg. Co., Sterling, Ill.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Hurd Lock Co., Almont, Mich.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Mfg. Co., Sterling, Ill.  
 Ney Mfg. Co., Canton, O.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Ruswin"  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 Titchener (E. H.) & Co., Binghamton, N. Y.  
 Wagner Mfg. Co., Cedar Falls, Ia.

## HASPS, Hinge

Bucabel Tool Mfg. Co., Inc., 220 Adams, Bklyn, N. Y.  
 Champion Hardware Co., Geneva, O.  
 Corbin, P. & F., New Britain, Conn.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Four-Way Lock Co., 4619 Ravenswood Av., Chicago, Ill. "4-Way"  
 Frantz Mfg. Co., Sterling, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Green (G. G.) Mfg. Co., Warren, Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Lafayette Metal Products Co., 2416 San Pablo Av., Oakland, Cal.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Master Lock Co., 926 W. Juneau Av., Milwaukee, Wis. "Master"  
 National Mfg. Co., Sterling, Ill.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

## HAT HOLDERS—See Holders, Hat

## HAT BOOKS, See Hooks, Coat and Hat

## HAT RACKS—See Racks, Coat and Hat

## HATCHET HANDLES—See Handles, Hickory; also Handles, Oak

## HATCHET WEDGES—See Wedges, Axe, Hammer and Hatchet

## HATCHETS, BOY SCOUT—See Axes, Boy Scout, Ferged Steel

## HATCHETS, Cast Iron

Rens Mfg. Co., Reading, Pa.  
 Grey Iron Casting Co., Mt. Joy, Pa. "Monarch"  
 Wrightsville Hdw. Co., Wrightsville, Pa.

## HATCHETS, Cast Steel

United States Tool Corp., Louisiana, Mo.

## HATCHETS, Forged Steel

Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Everette"

Collins Co., Collinsville, Conn. "Collins Legitimate"

"Dynamicut," "Homestead," "King"

Estwing Mfg. Co., Rockford, Ill. "Estwing," "Unbreakable"

Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.

"Acme," "Crescent," "Defender," "Evansville"

Griffiths Tool Works, Phila., Pa. "Franklin," "Germanstown"

Kelly Axe & Tool Wks., of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.

"Black Raven," "Columbian," "Falls City," "Plint Edge," "Hand Made," "Jim Dandy," "Kelly Standard," "Perfect," "Red Rover," "Standard," "Underhill," "Vanadium," "Vulcan"

Pek, Stow & Wilcox Co., Southington, Conn.

"Easy Cut," "Troquois," "Pexto"

Phoenix Hdw. Mfg. Co., Buffalo, N. Y.

Plumb (Fayette R.), Inc., Phila., Pa. "Anchor"

Sarge (L. A.) Co., 332 Mulberry, Newark, N. J.

Stanley Tools Div., Stanley Works, New Britain, Conn. "Defiance," "Stanley," "Stanley-Atha"

Vanhook & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Double Duty," "Garden City," "Supersteel," "Value"

## HATS, Hunting

Drybak Corp., Binghamton, N. Y.  
 Emerson Cap Co., Toledo, O.  
 Ideal Shirt Co., Sykesville, Pa.  
 Super Dux Co., 12th & Michigan Av., Detroit, Mich. "Super Dux"  
 Utica-Duxbak Corp., Utica, N. Y.  
 Western Hat & Cap Co., St. Joseph, Mo.  
 Woolrich Woolen Mills, Woolrich, Pa. "Woolrich"

## HATS, SAFETY, MINERS—See Caps & Hats, Safety, Miners

## HATS, Paper

Beistle Co., Shippensburg, Pa.  
 Dessart Bros., 503 Metropolitan Av., B'klyn, N. Y.

## HAWK BILL KNIVES—See Knives, Oil Cloth

## HAWK CALLS—See Calls, Hawk

## HAWKS, Plasterers'

(See also Plasterers)

Atlas-Ansonia Co., New Haven, Conn. "Sanford"  
 Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
 Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
 Holtum Mfg. Co., Freeport, Ill.  
 Marshalltown Trowel Co., Marshalltown, Ia.  
 Masons' Tool Mfg. Co., Rochester, N. Y.  
 Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
 Sand's Level & Tool Co., 8629 Gratiot Av., Detroit, Mich. "Sand's"

## HAY AND ALFALFA FORKS—See Forks, Alfalfa and Hay

## HAY CARRIER ROPE—See Rope, Hay Stacker

## HAY CARRIER SLINGS—See Slings, Hay Carrier

## HAY CARRIER TRACKS—See Tracks, Hay Carrier

## HAY CARRIERS—See Carriers, Hay

## HAY FORK PULLEYS—See Pulleys, Hay Fork

## HAY FORK ROPE—See Rope, Hay Fork

## HAY FORKS—See Forks, Alfalfa and Hay

## HAY HOIST HOOKS—See Hooks, Hay Hoist

## HAY HOISTING SINGLETREES—See Singletrees, Hoisting, Hay

## HAY HOOKS—See Hooks, Cotton, Box, Hay, Etc.

## HAY KNIVES—See Knives, Hay

## HAY LOADERS—See Loaders, Hay

## HAY RACK CLAMPS AND FIXTURES—See Clamps and Fixtures, Hay Rack

## HAY RACK IRONS—See Irons, Hay Rack

## HAY RACKS—See Fittings, Stable

## HAY RAKES—See Rakes, Hay

## HAY STACK COVERS—See Covers, Stack, Hay, Etc.

## HAY STACKER ROPE—See Rope, Hay Stacker

## HAY TIES—See Ties, Bale

## HAY UNLOADING TOOLS—See Tools, Hay Unloading

## HEDGE SHEARS—See Shears, Hedge

## HEADER FORKS—See Forks, Header

## HEADS, Cylinder, Automobile

Stover Mfg. & Engine Co., Freeport, Ill. "Stover-Swarts"

## HEADS, Cylinder, Tractor

Stover Mfg. & Engine Co., Freeport, Ill. "Stover-Swarts"

## HEADS, Grinding and Polishing

Arcade Mfg. Co., Freeport, Ill.

Clisbe Bros. Mfg. Co., Plymouth, Ind.

Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.

Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill.

Millers Falls Co., Greenfield, Mass.

Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"

## HEADS, MOP—See Mops

## HEADS, Power, Deep Well Pumping

Dempster Mill Mfg. Co., Beatrice, Nebr.

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.

"Bull Dozer," "Defiance," "Direct-Line," "Faultless," "Hercules," "Self-Oiling"

Red Jacket Mfg. Co., Davenport, Ia.

Worthington Pump & Machy. Corp., 2 Park Av., New York, N. Y.

## HEALTH EXERCISERS—See Exercisers, Health

## HEALTH SCALES—See Scales, Bathroom

## HEAT BRICKS—See Bricks, Heat

## HEAT, Canned

Sternau (S.) & Co., Inc. 9 E. 37th, New York, N. Y.

"Sternau"

## HEAT CIRCULATORS—See Circulators, Heat

## HEAT REGULATORS—See Regulators, Furnace

## HEAT, Portable

Chicago Flexible Shaft Co., 5600 Roosevelt Rd., Chicago, Ill. "Clark"

## HEATER OIL BURNING UNITS—See Units, Oil Burning, for Room Heater, Range, Stove, Etc.

## HEATER REPAIRS—See Repairs, Stove

## HEATER UNITS—See Elements, Electric Heating

## HEATERS—See Kind Desired

## HEATERS, AIR-TIGHT—See Heaters, Wood

## HEATERS, Aquarium, Electric

Riverside Aquarium Supply Co., Short Beach, Conn.

## HEATERS, Automobile

Harrison Radiator Corp., Lockport, N. Y.

Metal Specialties Mfg. Co., 3200 Carroll Av., Chicago, Ill. "Presto"

Nobliht-Sparks Industries, Inc., Columbus, Ind.

"Arvin"

Westinghouse Electric & Mfg. Co., Mansfield, O.

## HEATERS, Brooder

Advance Mfg. Co., Tipton, Ind.

Buckeye Incubator Co., Springfield, O. "New Town"

Gardner Mfg. Co., Horicon, Wis. "Ideal"

Harder Silo Co., Inc., Cobleskill, N. Y.

James Mfg. Co., Fort Atkinson, Wis. "Jamesway"

Makomb Steel Products Co., Macomb, Ill. "Makomb"

March-Brownback Stove Co., Pottstown, Pa. "Eureka"

Mit-Shel Stamping Mfg. Co., Quincy, Ill.

Oakes Mfg. Co., Inc., Tipton, Ind. "Red Oakes," "Red Top"

Putnam (I.), Inc., Elmira, N. Y.

Queen Stove Wks., Inc., Albert Lea, Minn. "Queen" (Oil Burning)

Royal Mfg. Co., Bowling Green, O. "Royal"

Silent Sioux Oil Burner Corp., Orange City, Ia. (Oil Burning)

Simplex Brooder Stove Co., Grand Rapids, Mich. "Simplex"

Starline, Inc., Harvard, Ill.

## HEATERS, Circulating, Coal or Wood

A. & J. Mfg. Co., Gadsden, Ala. "A. & J."

Advance Stove Wks., Evansville, Ind. "Advance"

Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"

Allen Mfg. Co., Nashville, Tenn. "Allen's"

Althoff (L. A.) Corp., 165 N. Clinton, Chicago, Ill.

Anchor Stove & Range Co., Inc., New Albany, Ind. "Anchor"

Andes Range & Furnace Corp., Geneva, N. Y. "Andes"

Agricola Furnace Co., Inc., Gadsden, Ala. "De-luxe," "General," "Modernistic," "Supreme"

Atlanta Stove Wks., Atlanta, Ga.

Auto Stove Wks., New Athens, Ill.

Bellaire Stove Co., Bellaire, O. "Star"

Birmingham Stove & Range Co., Birmingham, Ala. "Red Mountain"

Brown Stove Wks., Inc., Cleveland, Tenn.

Caloric Gas Stove Wks., Trenton Av. & Tioga, Phila., Pa. "Caloric"

Charter Oak Stove & Range Co., St. Louis, Mo. "Oak"

Cole's Hot Blast Mfg. Co., Chicago, Ill. "Cole's Hot Blast," "Cole's Little Giant"

Columbus Iron Wks., Columbus, Ga. "Ace," "Acme," "Airlog," "Apex," "Comfort," "Heatwood," "Hearthside," "Junior," "Super," "Woodlog," "Woodlawn"

Comstock-Castle Stove Co., Quincy, Ill. "Economy"

Copper-Clad Malleable Range Co., St. Louis, Mo.

"Twin Flue Super Heater"

Cox (Abram) Mfg. Corp., Lansdale, Pa. "Novelty"

Crescent Stove Wks., Evansville, Ind. "Crescent"

Cribben & Sexton Co., Chicago, Ill. "Universal"

Danville Stove & Mfg. Co., Danville, Pa. "Beaver"

Dixie Foundry Co., Cleveland, Tenn. "Dixie"

Dorch Stove Wks., Inc., Franklin, Tenn. "Royal"

Duffy Trowbridge Stove Mfg. Co., Hannibal, Mo. "Pattern"

Eagle Foundry Co., Belleville, Ill. "Eagle"

Early Foundry Co., Dickson, Pa. "Dickson"

Enterprise Fdry. Co., Belleville, Ill. "St. Clair"

Estate Stove Co., Hamilton, O. "Estate Heatrola"

Eureka Products Corp., O'Fallon, Ill. "Eureka"

Excelsior Stove & Mfg. Co., Quincy, Ill. "National"

Florence-Wehrle Stove Co., Newark, O.

Foster Stove Co., Ironton, O. "Foster's"

Fox Furnace Co., Elyria, O. "Sunbeam"

Gem City Stove Co., Dayton, O. "Clermont"

Germer Stove & Mfg. Co., Erie, Pa. "Radiant Home"

Glascok Stove & Mfg. Co., Greensboro, N. C. "Banner"

Globe American Corp., Kokomo, Ind. "Globe," "Glow-Boy," "Ray-Boy"

Gohmann-Kahler Corp., New Albany, Ind. "Pointer"

Gray & Dudley Co., Nashville, Tenn. "Captain Washington," "General Washington"

Hammer-Bray Co., Ltd., Oakland, Cal. "Spark"

Hardwick Stove Co., Cleveland, Tenn.

Hart Mfg. Co., Louisville, Ky.

Hayes-Custer Stove & Furnace Co., Bloomington, Ill.

Home Stove Co., Indianapolis, Ind. "Model"

Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Boss"

Independent Stove & Furnace Co., Independence, Mo.

Indiana Stove Wks., Evansville, Ind.

Indianapolis Stove Co., Indianapolis, Ind.

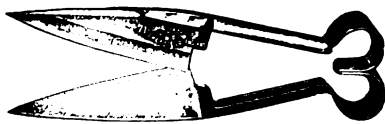
Jewett & Co., Buffalo, N. Y. "Jewett"

Kalamazoo Stove Co., Kalamazoo, Mich. "Classic," "Colonial," "Comfort," "Commander," "Triumph," "Victoria"

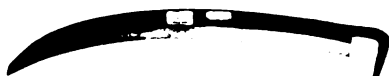
**The Trade Unionists' Sheep Shear  
Co-Operative Society, Ltd., Sheffield, England  
Sheep Shears and Grass Shears**

T. U. S. Shears are made of Finest Sheffield Steel, Perfectly Ground and Deep Tempered, Insuring Wonderful Cutting Qualities and Long Life.

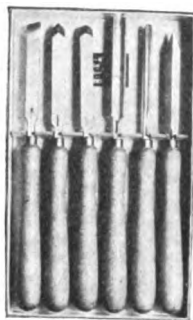
**No. 71  
The Celebrated  
T.U.S.  
United States  
Shear**



The Most Popular Shear on the market. Large Double Bows Adjusted to Exactly Right Tension, Best Suited for Fast Work and Long Wear.

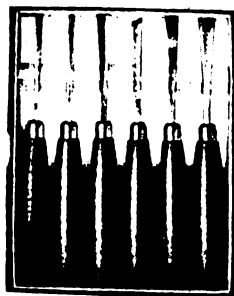


**FRASER'S ENGLISH  
SCYTHES—  
GRASS HOOKS—  
HEDGE SHEARS—**



**SET No. C  
HERRING BROS. "PRIZE MEDAL"  
HENRY TAYLOR "ACORN"  
WOOD CARVING TOOLS  
CHIP CARVING KNIVES  
LINOLEUM BLOCK TOOLS**

**WM. MARPLES & SONS, LTD.  
"SHAMROCK" SHEFFIELD STEEL  
WOODTURNING TOOLS  
HAND CHISELS & GOUGES  
SPOKESHAVES & PLANE IRONS**



**SET No. 11**



**No. 8111**

**STAINLESS STEEL  
ENGLISH GARDEN  
TROWELS—  
—WEEDING FORKS—  
—SPADES—  
—SPADING FORKS**



**No. 8113**

**ALSO  
FORCED CARBON  
STEEL GARDEN  
TROWELS &  
FORKS**

**\*\* JOSEPH RODGERS & SONS, LTD., SHEFFIELD  
"STAR & CROSS" CUTLERY—POCKET KNIVES  
RAZORS—HOUSEHOLD AND HOTEL SUPPLY  
SLICERS, BUTCHER KNIVES, etc.  
TABLE KNIVES AND CARVERS**



**No. 1675V909—3 PIECE**

**FISH HOOKS**

**Henry Milward & Sons, Ltd.  
R. Harrison Bartleet & Co.**

**Redditch  
Redditch**

**White Label "Fish" and "Iron Arm" Brands**

**SOLE AGENTS U. S. A.**

**ALFRED FIELD & CO., INC.**

*Est. 1836*

**93 CHAMBERS ST.**

**NEW YORK**

# Toledo Torches

**IN THE FIELD FIRST—STILL FIRST IN THE FIELD**

These heavily built torches of simple, trouble-free construction perform perfectly at all times in the hands of unskilled labor. With no parts to break or replace, operating expenses are reduced to the simple purchase of kerosene. Their distinctive signal prevents accidents and keeps traffic moving smoothly. Their use converts danger zones into the safest spots on the road.



## Self-righting

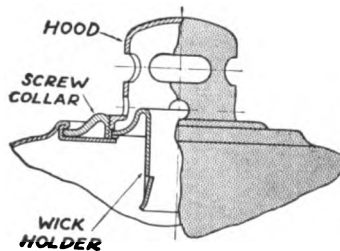
**No. 620 "Leader"**—An all-purpose, self-righting torch, kerosene capacity 3 quarts, burns up to 48 hours on one filling. Weight, 5½ lbs.

**No. 630 "Champion"**—Same as No. 620 except made of heavier material and is all welded construction. Weight, 6½ lbs.

## Non-Self-righting

**No. 641 "Model F"**—A non-self-righting torch, of reduced height for convenience and stability. Oil capacity, 4½ pts. Weight, 2½ lbs.

**No. 651 "Model A"**—A non-self-righting torch of full 6½ pts. capacity. Extra wide base.



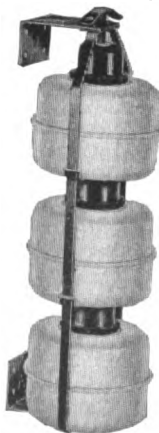
## The Economy Burner

This fully patented burner construction conserves wick and fuel and insures a dependable signal in any weather. It appears in identical form and size on all Toledo Torches and Truck flares.

# Toledo Truck Flares

Interstate Commerce Commission regulations make every truck driver a prospect for flares. Toledo Flares meet all the requirements of these regulations and give maximum service with greatest convenience at lowest cost and operating expense.

Available in either steel boxes or in brackets and in combination with flags and fuses. Approved in all States. Bears Underwriters' Laboratories label if required.



**Write for particulars**

**THE TOLEDO PRESSED STEEL CO.  
TOLEDO, O.**

**Mention Hardware Age When Writing**

**HEATERS, Circulating, Coal or Wood**

(Continued)

Leary Stove Co., Columbia, Pa. "Columbian"  
 Ling Stove & Range Co., Sheffield, Ala. "Martin's American Beauty"  
 Knox Stove Wks., Knoxville, Tenn.  
 Lammers (W. J.) & Sons, Greenville, O. "Supreme"  
 Louisville Tin & Stove Co., Louisville, Ky. "Progress"  
 Majestic Mfg. Co., 2134 Morgan, St. Louis, Mo. "Majestic"  
 Malleable Iron Range Co., Beaver Dam, Wis. "Monarch"  
 Marion Stove Co., Marion, Ind. "Retort"  
 Mascot Stove Co., Chattanooga, Tenn.  
 Moore Corp., Joliet, Ill. "Moore's"  
 Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill. "Illini," "Vernois"  
 Mueller (L. J.) Furnace Co., Milwaukee, Wis. "Furnace"  
 Oakland Foundry Co., Belleville, Ill.  
 Orbon Stove Co., Belleville, Ill. "Orbon"  
 Original Enamel Range Co., Belleville, Ill. "Original"  
 Pacific States Cast Iron Pipe Co., Heating Appliance Div., Provo, Utah. "Pacific Super-Heater"  
 Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
 Pittston Stove Co., Pittston, Pa.  
 Portland Stove Foundry Co., Portland, Me. "Atlantic"  
 Portsmouth Stove & Range Co., Portsmouth, C.  
 Premier Furnace Co., Dowagiac, Mich. "Crusader"  
 Premier Stove Co., Belleville, Ill. "Premier"  
 Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
 Reese Stove Co., Inc., Evansville, Ind. "Leader"  
 "Reese"  
 Renown Stove Co., Owosso, Mich. "Major," "Renown"  
 Richmond Stove Co., Richmond, Va. "Richmond"  
 Rock Island Stove Co., Rock Island, Ind. "River-side Radians"  
 Rockwood Stove Wks., Rockwood, Tenn. "Famous"  
 Southern Co-Operative Fdry. Co., Rome, Ga. "Champion," "Supreme," "Comfort," "Tropic Heat"  
 Southern Stove Wks., Richmond, Va. "Tip-Top"  
 Spence Baggs Stove Co., Martins Ferry, O.  
 Standard Stove & Range Co., Rome, Ga. "Colonial"  
 Steiger & Kerr Stove & Fdry. Co., San Francisco, Cal. "Occidental"  
 Tappan Stove Co., Mansfield, O.  
 Tennessee Stove Wks., Chattanooga, Tenn.  
 Union Mfg. Co., Inc., Boyertown, Pa. "Pennola," "Sentrolas," "Umco"  
 United States Stove Co., South Pittsburgh, Tenn. "Erie," "Huron"  
 Volunteer Stove Works, Nashville, Tenn. "Volco"  
 Walker & Pratt Mfg. Co., Boston, Mass. "Crawford"  
 Washington Stove Wks., Everett, Wash. "Olympic"  
 White-Warner Co., Taunton, Mass. "Household," "Quaker"  
 Woods Everts Stove Co., Springfield, Mo. "Heat-all," "Service," "Woodrola," "Wood Superba"

**HEATERS, Circulating and Radiant, Fuel Oil Burning**

Allen Mfg. Co., Inc., Nashville, Tenn. "Allen's"  
 American Gas Machine Co., Inc., Albert Lea, Minn. "Sun Flame"  
 American Range Corp., Shakopee, Minn. "Sanico"  
 American Stove Co., Lorain Div., 1200 Long Av., Lorain, O. "Quick Heat," "Quick Meal"  
 Anchor Stove & Range Co., Inc., New Albany, Ind. "Anchor"  
 Andes Range & Furnace Corp., Geneva, N. Y. "Andes"  
 Automatic Burner Corp., 1823 Carroll Av., Chicago, Ill. "ABC"  
 Automatic Burner Corp., Chicago, Ill. "ABC"  
 Auto Stove Works, New Athens, Ill.  
 Benson Oil Burner Corp., Hartford, Conn.  
 Caloric Gas Stove Wks., Trenton Av. & Tioga, Phila., Pa. "Caloric"  
 Carlton Oil Burner Co., Hartford, Conn. "Lincoln"  
 Coleman Lamp & Stove Co., Wichita, Kan. "Coleman"  
 Cole's Hot Blast Mfg. Co., Chicago, Ill. "Cole's Hot Blast"  
 Diamond Oil Burner Mfg. Co., Providence, R. I.  
 Dixie Fdry. Co., Inc., Cleveland, Tenn. "Dixola"  
 Duo-Therm Div. Motor Wheel Corp., Lansing, Mich. "Duo-Therm"  
 Estate Stove Co., Hamilton, O. "Estate Heatrola," "Estate Speedex"  
 Evans Products Co., Evanovl Div., Greenfield and Florence, Mich. "Evanovl"  
 Florence Stove Co., Gardner, Mass. "Florence"  
 Fay-Wells Co., Roversford, Pa.  
 Gilbert & Barker Mfg. Co., Springfield, Mass.  
 Gite American Corp., Macomb, Ill. "Safeway"  
 Machine & Stamping Co., 1250 W. 76th, Cleveland, O. "Modernaire"  
 Gohmann-Kahler Corp., New Albany, Ind.  
 Gray & Dudley Co., Nashville, Tenn. "Century"  
 "Washington," "Fagil," "Heatflo Washington," "Washington-Plymouth"  
 Gifferson Oil Heater Corp., 1000 Forest Av., Dallas, Tex.  
 Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Rotahot"  
 Ingle Mfg. Co., San Diego, Cal.  
 International Oil Burner Co., Inc., Spring & Park Aves., St. Louis, Mo.  
 "Jenners"  
 Keely Stove & Range Co., Grafton, Wis.  
 Keely Stove Co., Columbia, Pa.

Kleen Heat, Inc., 1823 Carroll Av., Chicago, Ill.  
 "Kleen Heat"  
 Laco Oil Burner Co., Griswold, Ia.  
 Leonard & Baker Stove Co., Taunton, Mass.  
 Little (H. C.) Burner Co., Inc., San Rafael, Cal.  
 Lonergran Mfg. Co., Albion, Mich. "Lonergran"  
 Majestic Mfg. Co., 2134 Morgan, St. Louis, Mo. "Majestic"  
 Malleable Iron Range Co., Beaver Dam, Wis. "Monarch"  
 Moore Corp., Joliet, Ill. "Moore's"  
 Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill. "Vernois"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco," "Super De Luxe"  
 New England Oil Burner Co., Barre, Vt.  
 Norge Heating & Conditioning Div. Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Fast-temp"  
 Oakland Foundry Co., Belleville, Ill. "Oakdale," "Oakland," "Oak Rest"  
 Odin Stove Mfg. Co., Erie, Pa. "Beauty"  
 Ohio Fdry. & Mfg. Co., Steubenville, O. "Ohio"  
 Orbon Stove Co., Belleville, Ill. "Orbon"  
 Perfect Burner Co., Lynn, Mass.  
 Perfection Stove Co., 7666 Platt Av., Cleveland, O. "Superfex"  
 Prentiss Wabers Products Co., Wisconsin Rapids, Wis. "Preway"  
 Progressive Machinery Co., Minneapolis, Minn.  
 Quaker Mfg. Co., 221 W. Erie, Chicago, Ill. "Aristocrat," "Quaker Burnoil," "Victor"  
 Queen Stove Wks., Inc., Albert Lea, Minn. "Spir-O-Flame," "Superflame"  
 Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
 Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant"  
 Renown Stove Co., Owosso, Mich. "Renown"  
 Rhode Island Welding Co., Providence, R. I.  
 Samuel Stamping & Enameling Co., Chattanooga, Tenn. "Samco"  
 Silent Glow Oil Burner Corp., Hartford, Conn. "Pilgrim"  
 Silent Sioux Oil Burner Corp., Orange City, Ia.  
 Skinner (E. E.) Co., Fitchburg, Mass.  
 Tower Mfg. Corp., Boston, Mass.  
 Volunteer Stove Works, Nashville, Tenn. "Volco"

**HEATERS, Coal**

A. & J. Mfg. Co., Gadsden, Ala. "A. & J."  
 Advance Stove Wks., Evansville, Ind. "Advance"  
 Allen Mfg. Co., Nashville, Tenn. "Allen's Oak"  
 Althoff (L. A.) Corp., 165 N. Clinton, Chicago, Ill.  
 Anchor Stove & Range Co., Inc., New Albany, Ind. "Anchor"  
 Andes Range & Furnace Corp., Geneva, N. Y. "Andes"  
 Atlanta Stove Wks., Atlanta, Ga.  
 Auto Stove Wks., New Athens, Ill.  
 Barstow Stove Co., Providence, R. I.  
 Bellaire Stove Co., Bellaire, O. "Star"  
 Birmingham Stove & Range Co., Birmingham, Ala. "Red Mountain"  
 Brown Stove Wks., Inc., Cleveland, Tenn.  
 Buffalo Co-Operative Stove Co., Buffalo, N. Y. "Amherst"  
 Charter Oak Stove & Range Co., St. Louis, Mo. "Oak"  
 Cole's Hot Blast Mfg. Co., Chicago, Ill. "Cole's Hot Blast"  
 Columbus Iron Wks. Co., Columbus, Ga. "Pyro"  
 Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
 Crescent Stove Wks., Evansville, Ind. "Crescent"  
 Danville Stove & Mfg. Co., Danville, Pa. "Beaver"  
 Dixie Foundry Co., Cleveland, Tenn. "Dixie"  
 Dortch Stove Wks., Inc., Franklin, Tenn. "Royal"  
 Duffy-Trowbridge Stove Mfg. Co., Hannibal, Mo. "Fattern"  
 Eagle Foundry Co., Belleville, Ill. "Eagle"  
 Early Foundry Co., Dickson City, Pa. "Dickson"  
 Enterprise Fdry. Co., Belleville, Ill. "St. Clair"  
 Estate Stove Co., Hameton, O. "Estate Heatrola"  
 Excelsior Stove & Mfg. Co., Quincy, Ill. "National"  
 Florence Wehrle Stove Co., Newark, O.  
 Foster Stove Co., Ironton, O. "Maple"  
 Gem City Stove Co., Dayton, O. "Clermont"  
 Germer Stove & Mfg. Co., Erie, Pa. "Radiant Home"  
 Glascock Stove & Mfg. Co., Greensboro, N. C. "Carolina," "Carolina Globe," "Carolina Oak," "Carolina Pride"  
 Gohmann-Kahler Corp., New Albany, Ind. "Pointer"  
 Gray & Dudley Co., Nashville, Tenn. "Pet," "Washington"  
 Hammer-Bray Co., Ltd., Oakland, Cal. "Spark"  
 Hanks Stove & Range Co., Rome, Ga. "Big Joe," "Como," "Hanks," "Hero," "Jumbo Box," "Palm Oak"  
 Hardwick Stove Co., Cleveland, Tenn.  
 Hart Mfg. Co., Louisville, Ky.  
 Home Stove Co., Indianapolis, Ind. "Model"  
 Hoosier Stove Co., Marion, Ind. "Cannon," "Dixie," "Gem," "Hoosier Oak," "Junior," "Leader," "Royal"  
 Howes (S. M.) Co., Boston, Mass.  
 Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Boss"  
 Huntington Stove & Fdry. Co., Huntington, W. Va. "Burnside," "Ruby," "Sunflower"  
 Independence Stove & Furnace Co., Independence, Mo.  
 Indiana Stove Wks., Evansville, Ind.  
 Indianapolis Stove Co., Indianapolis, Ind.  
 Jewett & Co., Buffalo, N. Y. "Jewett"  
 Kalamazoo Stove Co., Kalamazoo, Mich. "Cottage Pride," "Model Oak," "Vulcan," "Wonder Cook"  
 Keeley Stove Co., Columbia, Pa. "Columbian"  
 Keystone Stove Fdry., Spring City, Pa. "Cable"  
 King Stove & Range Co., Sheffield, Ala. "Alabama Oak," "Crown Oak," "King Oak"

Knox Stove Wks., Knoxville, Tenn.  
 Lammers (W. J.) & Sons, Greenville, O. "Elco," "Sturdy," "Supreme"  
 Leonard & Baker Stove Co., Taunton, Mass. "Barstow," "Glendale," "Fairmount"  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L. & H."  
 Locke Stove Co., 1012 Baltimore Av., Kansas City, Mo. "Warm Morning"  
 Louisville Tin & Stove Co., Louisville, Ky. "Progress"  
 Marion Stove Co., Marion, Ind. "Retort"  
 Moore Corp., Joliet, Ill. "Moore's"  
 Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill. "Illini," "Vernois"  
 Oakland Foundry Co., Belleville, Ill. "King Oak"  
 Orbon Stove Co., Belleville, Ill. "Orbon"  
 Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
 Pittston Stove Co., Pittston, Pa.  
 Portland Stove Fdry. Co., Portland, Me. "Atlantic"  
 Portsmouth Stove & Range Co., Portsmouth, O.  
 Premier Stove Co., Belleville, Ill. "Premier"  
 Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
 Reese Stove Co., Inc., Evansville, Ind. "Reese"  
 Renown Stove Co., Owosso, Mich. "Beauty," "Brilliant," "Comet," "Rader," "Renown," "Supreme"  
 Richmond Stove Co., Richmond, Va. "Richmond"  
 Rock Island Stove Co., Rock Island, Ill.  
 Rockwood Stove Wks., Rockwood, Ill. "Rockwood"  
 Round Oak Co., Dowagiac, Mich. "Air-Tight," "Duplex," "Square Base"  
 Schill Mfg. Co., Crestline, O.  
 Somersworth Fdry Co., Salmon Falls, N. H. "Standard"  
 Southern Co-Operative Fdry. Co., Rome, Ga. "Champion Hot Blast," "Coil Crown," "Dixie Laundry," "Ruby"  
 Southern Stove Wks., Richmond, Va. "Tip-Top"  
 Spear (James) Stove & Heater Co., 1823 Market, Phila., Pa. "New Silver Moon"  
 Spence Baggs Stove Co., Martins Ferry, O.  
 Standard Stove & Range Co., Rome, Ga. "Bull Dog," "Hot Blast," "Oaks"  
 Steiger & Kerr Stove & Fdry. Co., San Francisco, Cal. "Occidental"  
 Taplin, Rice-Clerkin Co., Akron, O. "Climax"  
 Tappan Stove Co., Mansfield, O.  
 Tennessee Stove Wks., Chattanooga, Tenn.  
 Thatcher Co., 89 St. Francis, Newark, N. J. "De Luxe," "Elite," "Progress"  
 Thomas (Oscar G.) Co., Taunton, Mass. "Herald," "Oakland"  
 United States Stove Co., South Pittsburgh, Tenn. "Comfort," "Glow," "Sumter Oak"  
 Volunteer Stove Works, Nashville, Tenn. "Volco"  
 Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass. "Crawford"  
 Washington Stove Wks., Everett, Wash. "Olympic"  
 White-Warner Co., Taunton, Mass. "Household," "Quaker"  
 Wilson Stove & Mfg. Co., Metropolis, Ill. "Wilson"  
 Woods Everts Stove Co., Springfield, Mo. "Heatall," "High Grade," "Mission," "Radium," "Superba"

**HEATERS, Curling Iron**

Oster (John) Mfg. Co., Racine, Wis. (Gas &amp; Electric)

**HEATERS, Electric**

Adams Bros. Mfg. Co., Inc., Pittsburgh, Pa. "Colorful" (Wall)  
 Air-Way Electric Appliance Corp., Toledo, O.  
 "Airlet" (Combination Air Purifier)  
 Alliance Mfg. Co., Alliance, O. "Quik-Heat"  
 Armstrong Products Corp., Huntington, W. Va.  
 Betsey Ross Electric Products Corp., Johnson City, N. Y.  
 Birman Electric Co., Chicago, Ill. "Bee Vac," "Fan-O-Heat" (Combination Fan)  
 Bossert Corp., Utica, N. Y. "Duplex"  
 Chicago Electric Mfg. Co., Chicago, Ill. "Handy Hot," "Victory"  
 Chicago Flexible Shaft Co., Chicago, Ill. "Sunbeam" (Combination Hair Dryer)  
 C. T. Electric Co., Inc., Jackson, Mich. "Multiglo"  
 Dominion Electrical Mfg. Co., Mansfield, O. "Domino"  
 Eagle Electric Mfg. Co., 59 Hall, B'klyn, N. Y. "Gloheater"  
 Ev'ryday Electric Co., Marion, Ind.  
 Faries Mfg. Co., Decatur, Ill. "E-B"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Arizona," "Hotpoint"  
 Gilbert (A. C.) Co., New Haven, Conn. "Polar Cub"  
 Hexcel Radiator Co., Racine, Wis. (Fan)  
 Hot-Glow Electric Mfg. Co., Buffalo, N. Y. (Also Electric Logs)  
 Jackson Electro Corp., 625 B'way, New York, N. Y. "Red Glo"  
 Jiffy Electric Co., Inc., Hazel Park Station, Royal Oak, Mich. (Fan Type)  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "K M," "Kwikway"  
 Landers, Frary & Clark, New Britain, Conn. "Universal" (Also Wall)  
 Lawson Mfg. Co., Pittsburgh, Pa.  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L. & H. Electric"  
 Metal Products Mfg. Co., 1762 Rainier Av., Seattle, Wash.  
 Metal Ware Corp., Two Rivers, Wis. "Empire"  
 Miller-Somes, Inc., Tarrytown, N. Y.  
 National Stamping & Electric Wks., Chicago, Ill. "White Cross"





KEEN-EYED INSPECTORS CANNOT  
FIND "WAVINESS" OR DISTORTION  
IN THIS NEW LUSTRAGLASS

*Baffling new product looks like plate glass but  
sells at window glass prices*

## WHAT IS IT?

Who ever saw a window glass without an obvious distorting waviness? Who ever heard of a plate-like product selling at window glass prices? Well, now it's happened. This amazing new Lustraglass just defies ordinary classification. The uniformity of its perfection has definitely set a new and infinitely higher standard of quality. The ultra-violet rays of sunlight it transmits and the great tensile strength it displays make it the world's most efficient glass for windows. Lustraglass is lighter in color (freer from that greenish cast characteristic of both window and plate glass) than any other glass used for regular glazing.

Add to these advantages its jewel-like luster and you have a product that architects and builders agree is really a new species . . . That's today's Lustraglass and if it isn't window glass and it isn't plate glass—what is it?

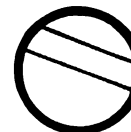
**THE SHADOWGRAPH TELLS THE STORY**  
*by amplifying distortion and defects 20 times*



(1) This is high quality cylinder drawn window glass. The bent and twisted lines shown by the shadowgraph testing device indicate the presence of considerable distortion. This glass became obsolete in 1928.



(2) Here is what most manufacturers offer today as top quality window glass . . . Made by the sheet drawn process, it shows a characteristic distortion in the waviness of the black lines.

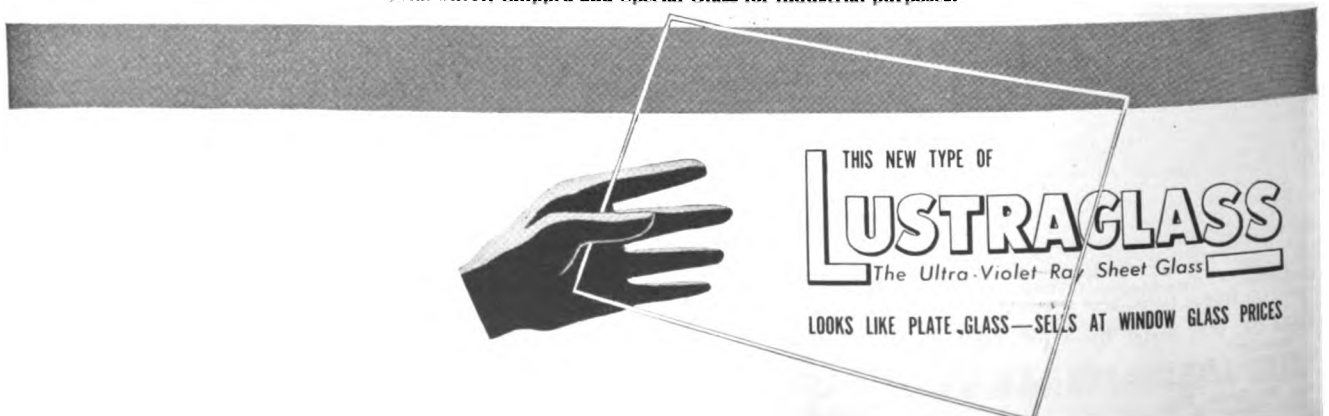


(3) Now look at this "shadowgraphed" sample of the new Lustraglass. Obviously an important improvement. The lines are straight, showing relatively perfect vision—freedom from distortion.

★ Write for the new Windowgraph Slide Rule Chart and a sample of the new Lustraglass. Examine both—then tell us what you think.

**AMERICAN WINDOW GLASS CO., PITTSBURGH, PA.**

*Manufacturers of Plexite, the safer safety glass; Lustrablu and Lustragold for ornamental uses; Crystal Sheet, Chipped and Special Glass for industrial purposes.*



**Mention Hardware Age When Writing**

# HEATERS, Electric (Continued)

Nobilit-Sparks Industries, Inc., Columbus, Ind. "Arvin"  
Noma Electric Corp., 55 W. 13th, New York, N. Y. "Noma"  
Rutenber Electric Co., Marion, Ind. "Chill Chaser," "Marion"  
Samson-United Corp., Rochester, N. Y.  
Seymour Products Co., Seymour, Conn.  
Shepler (F. W.) Stove Co., Pittsburgh, Pa. "Radia"  
Smith (F. A.) Mfg. Co., Inc., 255 N. Union, Rochester, N. Y. "Roto-Glo"  
Sparton Electric Co., 255 N. Union, Rochester, N. Y.  
Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, O. (Wall)  
Stoughton Mfg. Co., Stoughton, Wis.  
Superior Electric Products Corp., Cape Girardeau, Mo. "Superlectric"  
Swartsbaugh Mfg. Co., Toledo, O. "Everhot"  
Thermador Electric Mfg. Co., 2821 E. Pico, Los Angeles, Cal.  
Utica Products, Inc., Utica, N. Y.  
West Electric Heater Co., 390 First, San Francisco, Cal. "West"  
Westinghouse Electric & Mfg. Co., Mansfield, O. "Cosy Blo," "Radiant," "Solar Glow"  
Willette Corp. of New Jersey, New Brunswick, N. J. "Stae Fast" (Wall)

# HEATERS, Fireplace

Adams Bros. Mfg. Co., Pittsburgh, Pa.  
Colonial Fireplace Co., Chicago, Ill. "Glohot"  
Edward (W.) Mfg. Co., Inc., Cincinnati, O. "Fired-aire"  
General Gas Light Co., Kalamazoo, Mich. "Radiant-fire"  
Guardian Appliances, Inc., Cleveland, O.  
Hayes-Custer Stove Co., Bloomington, Ill. "Tropic-Air"  
Herd-Bailey Co., Ardmore, Okla. "Brooks"  
Marsh Electric Specialty Co., Milwaukee, Wis.  
Homestead Heater Co., 11 Selva, Newark, N. J.  
Hot-Glow Electric Mfg. Co., Buffalo, N. Y.  
Peerless Mfg. Corp., Louisville, Ky.  
Quad Stove Mfg. Co., Columbus, O.  
Ray-Glo Corp., Shelbyville, Ind. "Ray-Glo"  
Reading Stove Wks., Royersford, Pa. "Sunshine"  
Reznor Mfg. Co., Mercer, Pa. "Orthoray"  
Schoedinger, F. O., Columbus, O.  
Sexton (S. B.) Stove & Mfg. Co., Baltimore, Md.  
Shepler (F. W.) Stove Co., Pittsburgh, Pa. "Radia"  
Sheppard (Isaac A.) Co., Phila., Pa.  
Spear (James) Stove & Heater Co., 1823 Market, Phila., Pa. "New Golden Sun"  
Strait & Richards, Fabian Pl., Newark, N. J. "Glo-hot"

# HEATERS, Garage

Adams Mfg. Co., East Palestine, O. "Radia Steel"  
Automatic Burner Corp., 1823 Carroll Av., Chicago, Ill. "ABC" (Oil Burning)  
Carlton Oil Burner Co., Hartford, Conn. "Lincoln"  
Century Stove & Mfg. Co., Johnstown, Pa. "Hot Blast"  
Duo-Therm Div. Motor Wheel Corp., Lansing, Mich. "Duo-Therm" (Oil Burning)  
Gray & Dudley Co., Nashville, Tenn. "Washington"  
Kleen Heat, Inc., 1823 Carroll Av., Chicago, Ill. "Kleen Heat" (Oil Burning)  
Mannen (John E.) Co., Cleveland, O.  
Northfield Iron Co., Northfield, Minn. "Economy"  
Ohio Fry & Mfg. Co., Steubenville, O.  
Perfection Stove Co., 7666 Platt Av., Cleveland, O. "Perfection," "Superflex" (Oil Burning) (Also for Service Station and Crankcase Draining)  
Quaker Mfg. Co., 221 W. Erie, Chicago, Ill. "Quaker Burnoil" (Oil Burning)  
Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant"  
Renown Stove Co., Owosso, Mich. "Renown"  
Shepler (F. W.) Stove Co., Pittsburgh, Pa. "Radia" (Gas)  
Silent Glow Oil Burner Corp., Hartford, Conn. "Pilgrim"

# HEATERS, Gas, Replacement Parts

Stuler Radiant Co., Inc., 4029 St. Clair Av., Cleveland, O. (Heating Radiants)

# HEATERS, Glue

General Electric Co., 1 River Road, Schenectady, N. Y. "G-E"  
New Advance Mch. Co., Van Wert, O. "Wetmore"  
Sta-Warm Elec. Co., Ravenna, O.  
Van Dorn Electric Tool Co., Towson, Md.

# HEATERS, Hot Bed, Electric

General Electric Co., 1285 Boston, Bridgeport, Conn. "G-E"

# HEATERS, Kerosene, Cabinet

Duo-Therm Div. Motor Wheel Corp., Lansing, Mich. "Duo-Therm"  
Florence Stove Co., Gardner, Mass. "Florence"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco," "Super De Luxe"  
Perfection Stove Co., 7666 Platt Av., Cleveland, O. "Perfection"  
United Stove Co., Ypsilanti, Mich. "Savoil"

# HEATERS, Orchard

Adams (J. E.) & Son, Pomona, Cal.  
American Welding & Tank Co., Tampa, Fla.  
Jones (W. R.) Co., 150 Hooper, San Francisco, Cal.

Boyle Mfg. Co., Inc., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Kittle Mfg. Co., 648 Santa Fe Av., Los Angeles, Cal.  
Norris Stamping & Mfg. Co., 960 E. 61st, Los Angeles, Cal.  
Sheu Mfg. Co., Upland, Cal.  
Standard Sprinkler Mfg. Co., Tampa, Fla.

# HEATERS, Radiation, Gas

Adams Bros. Mfg. Co., Inc., Pittsburgh, Pa. "Cheerful"  
Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"  
Allen Mfg. Co., Inc., Nashville, Tenn. "Allen's"  
Armstrong Products Corp., Huntington, W. Va.  
Birmingham Stove & Range Co., Birmingham, Ala. "Red Mountain"  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Buffalo Co-operative Stove Co., Buffalo, N. Y. "Am-hurst"  
Cahill Co., Chattanooga, Tenn.  
Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
Continental Stove Corp., Ironton, O. "Ironton," "Lawson"  
Detroit-Mich Stove Co., Detroit, Mich. "Detroit"  
Jewel, "Garland," "Laurel"  
Estate Stove Co., Hamilton, O. "Estate Heatrols"  
Evans Products Co., Evanoli Div., Greenfield and Fullerton, Detroit, Mich. "Evanair"  
Florence Wehrle Stove Co., Newark, O.  
General Gas Light Co., Kalamazoo, Mich. "Humphrey Radiation," "Radiantfire"  
Guardian Appliances, Inc., Cleveland, O.  
Hammer-Bray Co., Oakland, Cal. "Spark"  
Hart Mfg. Co., Louisville, Ky.  
Hayes-Custer Stove & Furnace Co., Bloomington, Ill. "Normal," "Tropic-Air"

Herd-Bailey Co., Ardmore, Okla. "Brooks"  
Homestead Heater Co., 11 Selva, Newark, N. J.  
Home Stove Co., Indianapolis, Ind.  
Houchin (Thos. W.) Corp., 9 McPherson Pl., Jersey City, N. J. "Firelite," "Vesuvius"  
Hotstream Heater Co., 8007 Grand Av., Cleveland, O. "Hotstream"  
Independent Stove & Furnace Co., Independence, Mo.  
Ironton Stove & Mfg. Co., Ironton, O. "Master Ray"  
Jackes-Evans Mfg. Co., 4400 N. Union Blvd., St. Louis, Mo. "A-210," "Cardinal," "8 Minute," "Falcon," "Flamingo," "Hearth-Glo," "Lark," "Oriole," "Peacock," "Regal," "Swan," "Thrush"  
Lawson Mfg. Co., Pittsburgh, Pa.  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L. & H."  
Moore Corp., Joliet, Ill. "Moore's"  
Moore Gas Heater Mfg. Co., 225 Kauffman, El Monte, Cal.  
Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill. "Vernois"  
Ohio Foundry & Mfg. Co., Steubenville, O. "Circo-Let"  
Otis Boiler Co., Oswego, N. Y.  
Peerless Mfg. Corp., Louisville, Ky.  
Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
Pittston Stove Co., Pittston, Pa. "Happy Thought," "Lehigh"

Portable Elevator Mfg. Co., Bloomington, Ill. "Circo"  
Premier Stove Co., Belleville, Ill. "Premier"  
Quad Stove Mfg. Co., Columbus, O. "Vita-Ray"  
Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
Ray-Glo Corp., Shelbyville, Ind. "Ray-Glo"  
Reznor Mfg. Co., Mercer, Pa.  
Rud Mfg. Co., Pittsburgh, Pa. "Humphrey"  
Samuels Stamping & Enameling Co., Chattanooga, Tenn. "Samco"  
Schoedinger, F. O., Columbus, O. "Fosco," "Ohio State," "Thermola," "Thermoray"  
Security Mfg. Co., 1630 Oakland, Kansas City, Mo. "Security"  
Seymour Products Co., Seymour, Conn.  
Shepler (F. W.) Stove Co., Pittsburgh, Pa. "Radia"  
Standard Gas Equipment Corp., 18 E. 41st, New York, N. Y. "Oriole," "Triplex," "Vulcan"  
Sterling Range & Furnace Corp., Rochester, N. Y. "Sterling"  
Suvio Heating & Lighting Co., 696 E. 161st, New York, N. Y. "Bee Cee," "Giant Suvio," "Suvio," "Zee Neet"  
Tennessee Enamel Mfg. Co., Nashville, Tenn. "Circo-Ray," "Temco"  
Waterman (Hy) & Bros., 811 E. 9th, New York, N. Y.  
Welsbach Co., Gloucester City, N. J.

Allen Mfg. Co., Inc., Nashville, Tenn. "Allen's"  
Atlanta Stove Works, Atlanta, Ga.  
Avondale Stove & Fry Co., Birmingham, Ala.  
Charter Oak Stove & Range Co., Antelope & Conduit, St. Louis, Mo.  
Copper Boiler & Heater Works, Manitowoc, Wis.  
Eagle Foundry Co., Belleville, Ill. "Eagle"  
Eastern Foundry, Boyertown, Pa. "Peerless"  
Enterprise Foundry Co., Belleville, Ill.  
Gray & Dudley Co., Nashville, Tenn. "Washington"  
Glascock Stove & Mfg. Co., Greensboro, N. C.  
Glore (Evins F.) Sales Corp., 1939 Grand Central Terminal Bldg., New York, N. Y. "Gloco"  
Indianapolis Stove Co., Indianapolis, Ind.  
Keeler Stove Co., Columbia, Pa.  
King Stove & Range Co., Sheffield, Ala.  
Oakland Foundry Co., Belleville, Ill.  
Orbon Stove Co., Belleville, Ill.  
Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
Renown Stove Co., Owosso, Mich.  
Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass. "Crawford"

# HEATERS, Room, Gasoline

Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"  
American Gas Machine Co., Inc., Albert Lea, Minn. "American"  
Coleman Lamp & Stove Co., Wichita, Kan. "Coleman"  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "Kerogas"  
Prentiss Wabers Products Co., Wisconsin Rapids, Wis. "Preway"  
Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant"

# HEATERS, Room, Kerosene

American Stove Co., Lorain Div., 1200 Long Av., Lorain, O. "Quick Heat"  
Duo-Therm Div. Motor Wheel Corp., Lansing, Mich. "Duo-Therm"  
Florence Stove Co., Gardner, Mass. "Florence"  
Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Boss"  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "Bon Ami"

Mantle Lamp Co. of America, Inc., 223 W. Jackson Blvd., Chicago, Ill. "Aladdin"  
Miller (Robert E.), Inc., 85 Pearl, New York, N. Y. "Optimus" (Vapor)  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "De Luxe," "Nesco," "Tropical"  
Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Perfection"  
Premier Stove Co., Belleville, Ill. "Premier"  
Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant"  
United Stove Co., Ypsilanti, Mich. "Savoil," "Ypsilanti"

# HEATERS, Tank, Stock

American Scale Co., Kansas City, Mo.  
Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nu-Way"  
Butler Co., Butler, Ind. "Hot Stuff," "Twentieth Century"  
Cedar Rapids Foundry & Mach. Co., Cedar Rapids, Ia. "Clover Leaf"  
Celina Mfg. Co., Celina, O. "Artic"  
Challenge Co., Batavia, Ill.  
Dane Mfg. Co., Dane, Wis. "Dohm"  
Dayton-Dowd Co., Quincy, Ill. "Economy"  
Des Moines Steel Tank Co., Des Moines, Ia. "Drew Grub," "Grub"  
Farm Electric Mfg. Co., Inc., 1420 Wabash Av., Kansas City, Mo. (Electric)  
Farm Equipment Co., 1422 Wabash Av., Kansas City, Mo. "Paramount" (Electric)  
Ferguson Mfg. Co., Dubuque, Ia. "Gem," "Nelson," "Star"  
Flint & Walling Mfg. Co., Kendallville, Ind. "Hoosier"  
Freeland Steel Tank Co., Portage, Wis. "Madison," "Pioneer"  
Heller-Aller Co., Napoleon, O. "Napoleon"  
Howell (R. R.) & Co., Minneapolis, Minn. "Key-stone," "Perfection"  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Klondike," "Zero"  
Keeley Stove Co., Columbia, Pa.  
Lloyd Mfg. Co., Menominee, Mich.  
Mit-Shel Stamping Mfg. Co., Quincy, Ill.  
Moore Mfg. Co., Waterloo, Ia. "E-Z"  
Mundie Mfg. Co., Peru, Ill. "Cow Boy"  
Nebraska & Iowa Steel Tank Co., Omaha, Neb. "Gilt Edge"  
Only Tank Heater Co., Knoxville, Ill.  
Queen Stove Wks., Albert Lea, Minn. "Queen" (Oil Burning)  
Quinn Wire & Iron Wks., Boone, Ia. "Daisy"  
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn. "Pruden"  
Sargent, Osgood & Roundy Co., Randolph, Vt. "Randolph"  
Star Tank Co., Goshen, Ind. "Eclipse," "Ideal"  
Starline, Inc., Harvard, Ill. "Black Jack," "Harvard," "Iron King," "New Rinkle," "Standard"  
Sterling Foundry Co., Sterling, Ill. "Best," "The Best"  
Stewart Mfg. Co., Waterloo, Ia. "Special"  
Stover Mfg. & Engine Co., Freeport, Ill.  
Swift Mfg. Co., Waterloo, Ia. "Practical"  
Thieman Harvester Co., Inc., Albert City, Ia. (Self Heating)  
U. S. Engine & Pump Co., Batavia, Ill. "Artic," "Frost King"  
Vernier Mfg. Co., Cedar Rapids, Ia.  
Waterloo Mfg. Co., Waterloo, Ia.  
Western Hog Oiler Co., Washington, Ia. "Farmers' Delight"  
Whitaker Mfg. Co., Chicago, Ill. "Elgin," "Hold Fire"

# HEATERS, Water, Coal

Allen Mfg. Co., Inc., Nashville, Tenn. "Allen's"  
Atlanta Stove Works, Atlanta, Ga.  
Avondale Stove & Fry Co., Birmingham, Ala.  
Charter Oak Stove & Range Co., Antelope & Conduit, St. Louis, Mo.  
Copper Boiler & Heater Works, Manitowoc, Wis.  
Eagle Foundry Co., Belleville, Ill. "Eagle"  
Eastern Foundry, Boyertown, Pa. "Peerless"  
Enterprise Foundry Co., Belleville, Ill.  
Gray & Dudley Co., Nashville, Tenn. "Washington"  
Glascock Stove & Mfg. Co., Greensboro, N. C.  
Glore (Evins F.) Sales Corp., 1939 Grand Central Terminal Bldg., New York, N. Y. "Gloco"  
Indianapolis Stove Co., Indianapolis, Ind.  
Keeler Stove Co., Columbia, Pa.  
King Stove & Range Co., Sheffield, Ala.  
Oakland Foundry Co., Belleville, Ill.  
Orbon Stove Co., Belleville, Ill.  
Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
Renown Stove Co., Owosso, Mich.  
Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass. "Crawford"


# HEATERS, Water, Electric

Eagle Electric Mfg. Co., Inc., 59 Hall, Brklyn., N. Y.  
Edison General Electric Appliance Co., Inc., 5600 W. Taylor, Chicago, Ill. "Hotpoint"  
Electric Range Heater Co., 420 Lexington Av., New York, N. Y. (Automatic & Instantaneous)  
Electromaster, Inc., 1803 E., at Water, Detroit, Mich.  
Frigidaire Div. General Motors Sales Corp., Dayton, O. "Frigidaire"  
General Electric Co., Nela Park, Cleveland, O. "GE"  
Grinnell Electric Heater Co., Grinnell, Ia.  
Hanksraft Co., Madison, Wis. "Jiffy"  
Hotstream Heater Co., 8007 Grand Av., Cleveland, O. "Hotstream"

**ROBERTON**  
★ ★ ★ ★ IS THE  
**ELECTRIC MOWER**  
*Money Maker*

- FIRST IN SALES
- BIG DEALER PROFIT
- LAWN-TESTED COAST TO COAST

ASK YOUR JOBBER  
OR MAIL COUPON



**ROBERTON—ELECTRIC**  
**LAWN MOWER Pulls Itself**

● Roberton is the world's best known electric lawn mower. First in sales. First in dealer profits. First in user satisfaction.

The Roberton Electric is simple to use. Sells to homes with medium-sized as well as large lawns. Pulls itself. Mows acre after acre with only a few pennies' current. Full 18-inch cut. Powerful General Electric Motor. Speed: three miles per hour.

Order Robertons. You'll sell more . . . and they'll stay sold.

Roberton Manufacturing Co., Dept. HA7, Michigan City, Ind.

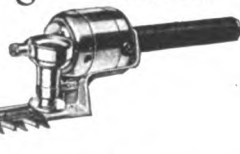


### Roberton Cord Reel

Results in extra ease and convenience for users of electric mowers and hedge trimmers. Capacity: 250 feet of light weight mid-rip type cord. (Shipped without cords and plugs.)

### Roberton-Dumore Hedge Trimmer

Electric. Quickly trims hedges, shrubs, borders. Easier to handle than an electric iron. Weighs only 3 3/4 lbs. Length over-all 18 1/2 in. Cutting width 9 in.



### EXTRA PROFITS

Roberton Manufacturing Co., Dept. HA7, Michigan City, Ind.  
Show me how the Roberton Plan sells electric lawn mowers.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

## NATIONALLY KNOWN

# C&L

## The Brand Your Customers Know and Want



### No. 800 TORCH For a Wide Market

No. 800 is low in price but has C. & L. quality construction throughout. It has a double valve pump, one piece feed tube with strainer and wick, and its tank has the patented C. & L. interlocking fittings. The high grade bronze burner is full size and has a bakelite hand wheel. The torch is filled by removing the pump. Polished Brass Finish: Capacity one quart weight in individual carton 4 lbs.

### No. 600-A TORCH An Outstanding Value

The bronze burner is tapered and is closed at the back. It has a bakelite hand wheel. The tank has the patented C. & L. interlocking fittings. The feed tube is one piece with strainer and wick. The double valve pump is equipped with a T handle and a lock down feature which prevents the plunger from rising after pumping. This torch has a brass filler plug in the concave bottom. The tank is highly Polished Buffed Brass Finish: Capacity one quart weight in individual carton 4 3/4 lbs.



### No. 158-A TORCH Finely Finished Chrome Plate

No. 158-A is a torch anyone would be proud to own. Its shining chrome plated finish on the tank and pump can be easily kept clean, and attracts the eye as well as serving the practical purpose of reflecting heat. Lock down double valve pump, tapered burner with bakelite wheel, full skirted windshield, and brass filler plug in the concave bottom: Capacity one quart weight in individual carton 4 3/4 lbs.



**CLAYTON & LAMBERT**  
MFG. CO., Detroit, Mich.





### HEATERS, Water, Electric (Continued)

Hynes & Cox Electric Co., Albany, N. Y. "Red Crown"  
Jiffy Electric Co., Inc., Hazel Park Station, Royal Oak, Mich. (Faucet Types)  
Lightning Electric Water Heater Co., Bronson, Mich.  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H Electric"  
Lux-Visel, Inc., Elkhart, Ind. "Lux"  
Malleable Iron Range Co., Beaver Dam, Wis. "Monarch"  
Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich. "Kelvinator"  
National Stamping & Electric Wks., Chicago, Ill. "Superior," "White Cross"  
Norge Div. Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Norge"  
Philadelphia Electrical & Mfg. Co., Phila., Pa. "Pemco"  
Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
Rodia Mfg. Co., Emaus, Pa. (Faucet)  
Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, O.  
Starline Inc., Harvard, Ill. "Starline"  
Sta-Warm Elec. Co., Ravenna, O.  
Swartzbaugh Mfg. Co., Toledo, O. "Servhot"  
Temp-Rite, Inc., Defiance, O.  
Thermogray Co., Jefferson, Ia.  
Troop Water Heater Co., Pittsburgh, Pa. "Excel"  
Westinghouse Electric & Mfg. Co., Mansfield, O. "Adapt-O-Matic" (Automatic) "Tumbler"  
Wood (John) Mfg. Co., Inc., Conshohocken, Pa. (Automatic)  
Woodhead (Daniel) Co., 15 N. Jefferson, Chicago, Ill. "Safeway"  
Woolwine Metal Products Co., 5119 S. Riverside Drive, Los Angeles, Cal. "Woolwine"

### HEATERS, Water, Electric, Immersion

Autonator Co., 105 W. Madison, Chicago, Ill.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Jiffy Electric Co., Inc., Hazel Park Station, Royal Oak, Mich.  
Landers, Frary & Clark, New Britain, Conn. "Universal"

### HEATERS, Water, Fuel Oil Burning

Allen Mfg. Co., Inc., Nashville, Tenn. "Allen's"  
American Gas Machine Co., Inc., Albert Lea, Minn. "Sun Flame"  
American Radiator Corp., 40 W. 40th, New York, N. Y.  
American Stove Co., Lorain Div., 1200 Long Av., Lorain, O. "Quick Meal"  
Automatic Burner Corp., 1823 Carroll Av., Chicago, Ill. "ABC"  
Bock Oil Burner Corp., Madison, Wis.  
Carlton Oil Burner Co., Hartford, Conn. "Lincoln"  
Duo-Therm Div. Motor Wheel Corp., Lansing, Mich. "Duo-Therm"  
Evans Products Co., Evanoli Div., Greenfield and Fullerton, Detroit, Mich. "Evanoli"  
Hotstream Heater Co., 8007 Grand Av., Cleveland, O.  
International Oil Burner Co., Inc., Spring & Park Aves., St. Louis, Mo.  
Junkers Stove & Range Co., Grafton, Wis. "Jungers"  
Kleen Heat, Inc., 1823 Carroll Av., Chicago, Ill. "Kleen Heat"  
Ohio Fdry. & Mfg. Co., Steubenville, O.  
Perfection Stove Co., 7666 Platt Av., Cleveland, O. "Superflex"  
Quaker Mfg. Co., 221 W. Erie, Chicago, Ill. "Quaker," "Quaker Burnoil"  
Queen Stove Wks., Inc., Albert Lea, Minn. "Super-Flame"  
Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant"  
Silent Glow Oil Burner Corp., Hartford, Conn.  
Silent Sioux Oil Burner Corp., Orange City, Ia.

### HEATERS, Water, Gasoline and Kerosene

American Gas Machine Co., Inc., Albert Lea, Minn. "American" (Gasoline)  
American Stove Co., 4901 Perkins Av., Cleveland, O. "Quick Meal"  
Bastian-Morley Co., Inc., 300 Truesdell Av., La Porte, Ind. "Kero" (Kerosene)  
Coleman Lamp & Stove Co., Wichita, Kans. "Coleman" (Gasoline)  
Florence Stove Co., Gardner, Mass. "Florence" (Kerosene & Range Oil)  
Holyoke Heater Co., Holyoke, Mass.  
Hotstream Heater Co., 8007 Grand Av., Cleveland, O.  
Husfeldt Co., 2701 Spring Grove Av., Cincinnati, O. "Boss"  
Lorain Mfg. Co., Albion, Mich. "Loneragan" (Kerosene & Range Oil)  
Parson Mfg. Co., Robbinsdale, Minn.  
Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Perfection," "Puritan" (Kerosene & Range Oil)  
Practical Wabers Products Co., Wisconsin Rapids, Wis. "Preway"  
Queen Stove Works, Inc., Albert Lea, Minn. "Queen"  
Royal Brass Wks., Sycamore, Ill. (Gasoline)

### HEATERS, Water, Gas

American Radiator Co., 40 W. 40th, New York, N. Y. "Ideal Hot Coil"  
General Water Heater Corp., 7 N. Cypress Av., Burbank, Cal. "General"  
Hayes-Custer Stove & Furnace Co., Bloomington, Ill. "Normal"  
Hoffman Gas & Electric Co., 1701 18th, Louisville, Ky.  
Holyoke Heater Co., Holyoke, Mass.  
Hotstream Heater Co., 8007 Grand Av., Cleveland, O. "American," "American Pontiac," "Dixie," "Hotstream," "Pontiac"  
Illinois Malleable Iron Co., Chicago, Ill.  
Laurelton Fdry. Co., Laurelton, Pa.  
Lawson Mfg. Co., Pittsburgh, Pa.  
Lovekin Water Heater Co., Phila., Pa.  
Mann (F. W.) Co., Milford, Mass. "Pluserco"  
Middletown Mfg. Co., Middletown, O. "Miami"  
Miller (Wm.) Range & Furnace Co., Cincinnati, O.  
Norge Heating & Conditioning Div. Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Norge"  
Pittsburgh Water Heater Co., Pittsburgh, Pa.  
Putnam Co., Putnam, Conn.  
Ruud Mfg. Co., Pittsburgh, Pa. "Humphrey"  
Sands Mfg. Co., 5407 Sweeney Av., Cleveland, O.  
Security Mfg. Co., 1630 Oakland, Kansas City, Mo. "Cadet," "Security"  
Smith (H. B.) Co., Westfield, Mass.  
Standard Foundry & Furnace Co., De Kalb, Ill. "Geyser," "Grutter," "Maltese"  
Standard Gas Equipment Corp., 18 E. 41st, New York, N. Y. "Oriole," "Triplex"  
United American Bosch Corp., Springfield, Mass. "Premier"  
Whitlock Coll Pipe Co., Hartford, Conn. "Sure Hot"  
Wood (John) Mfg. Co., Inc., Conshohocken, Pa.

### HEATERS, Wood

A. & J. Mfg. Co., Gadsden, Ala. "A. & J."  
Allen Mfg. Co., Nashville, Tenn. "Allen's Oak"  
Althoff (L. A.) 165 N. Clinton, Chicago, Ill.  
Andes Range & Furnace Corp., Geneva, N. Y. "Andes"  
Atlanta Stove Wks., Atlanta, Ga.  
Auto Stove Wks., New Athens, Ill.  
Automatic Draft and Stove Co., Inc., Lynchburg, Va. "Ashley"  
Birmingham Stove & Range Co., Birmingham, Ala. "Red Mountain"  
Charter Oak Stove & Range Co., St. Louis, Mo. "Oak"  
Cole's Hot Blast Mfg. Co., Chicago, Ill. "Cole's Hot Blast"  
Columbus Iron Wks. Co., Columbus, Ga. "Columbus," "Sylvan"  
Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
Danville Stove & Mfg. Co., Danville, Pa. "Beaver"  
Dixie Foundry Co., Cleveland, Tenn. "Dixie"  
Dorch Stove Wks., Inc., Franklin, Tenn. "Royal"  
Duffy-Trowbridge Stove Mfg. Co., Hannibal, Mo. "Pattern"  
Enterprise Fdry. Co., Belleville, Ill. "St. Clair"  
Estate Stove Co., Hamilton, O. "Estate Heatrola"  
Excelsior Stove & Mfg. Co., Quincy, Ill. "National"  
Florence Wehrle Stove Co., Newark, O.  
Foster Stove Co., Ironton, O. "North Star," "Wide Awake"  
Gem City Stove Co., Dayton, O. "Clermont"  
Germer Stove & Mfg. Co., Erie, Pa. "Radiant Home"  
Glascok Stove & Mfg. Co., Greensboro, N. C. "Charter Box," "Carolina Pride," "Mississippi," "Tar Heel"  
Gohmann-Kahler Corp., New Albany, Ind. "Pointer"  
Gray & Dudley Co., Nashville, Tenn. "Dudley," "Volcano," "Washington"  
Hammer-Bray Co., Ltd., Oakland, Cal. "Spark"  
Hanks Stove & Range Co., Rome, Ga. "Como," "Premier," "Pride," "Regal"  
Hardwick Stove Co., Cleveland, Tenn.  
Hart Mfg. Co., Louisville, Ky.  
Home Stove Co., Indianapolis, Ind. "Model"  
Hoosier Stove Co., Marion, Ind. "Cannon," "Dixie," "Gem," "Hoosier Oak," "Junior," "Leader," "Royal"  
Howes (S. M.) Co., Boston, Mass.  
Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Boss," "Burnet," "Success"  
Independence Stove & Furnace Co., Independence, Mo.  
Indiana Stove Wks., Evansville, Ind.  
Indianapolis Stove Co., Indianapolis, Ind.  
Jacks-Evans Mfg. Co., St. Louis, Mo. "Champion"  
"Delta," "Ideal," "J-E No. 525," "Jemco," "King," "Mabel," "Mars," "Queen," "Rap-Id," "Rover," "Ruby," "Tyler," "Victor," "Vulcan"  
Jewett & Co., Buffalo, N. Y. "Jewett"  
Kalamazoo Stove Co., Kalamazoo, Mich. "Longwood," "Simplex," "Woodland"  
Keeley Stove Co., Columbia, Pa. "Columbian"  
King Stove & Range Co., Sheffield, Ala.  
Laurelton Fdry. Co., Laurelton, Pa.  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H"  
Louisville Tin & Stove Co., Louisville, Ky. "Progress"  
Marion Stove Co., Marion, Ind. "Retort"  
Milcor Steel Co., S. 41st Av. & Burnham, Milwaukee, Wis. "Glory," "Milcor," "Triumph," "Winner"  
Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill. "Vernois"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Northwest Metal Products, Inc., Seattle, Wash. "Common," "Norwesco," "St. Louis," "Western," "Western King," "Wilson"

Oakland Foundry Co., Belleville, Ill. "King Oak"  
Orbon Stove Co., Belleville, Ill. "Orbon"  
Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
Pittston Stove Co., Pittston, Pa.  
Portland Stove Foundry Co., Portland, Me. "Atlantic"  
Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
Reese Stove Co., Inc., Evansville, Ind. "Reese"  
Reeves Steel & Mfg. Co., Dover, O. "Buckeye," "Dixie," "Dover," "Hot Blast," "Premier"  
Renown Stove Co., Owosso, Mich. "Radex," "Renown," "Royal Honor"  
Richmond Stove Co., Richmond, Va. "Richmond"  
Round Oak Co., Dowagiac, Mich. "Air-Tight," "Duplex," "Square Base"  
Schill Mfg. Co., Crestline, O.  
Southern Co-Operative Fdry. Co., Rome, Ga. "Ranger Box"  
Southern Stove Wks., Richmond, Va. "Tip-Top"  
Spence Bags Stove Co., Martins Ferry, O.  
Standard Stove & Range Co., Rome, Ga. "Oconee"  
Steiger & Kerr Stove & Fdry. Co., San Francisco, Cal. "Occidental"  
Stratton & Terstegge Co., Louisville, Ky. "Bon Ton," "Falls City," "Hot Stuff," "Splendid Air-Tight"  
Taplin, Rice-Clerkin Co., Akron, O. "Climax"  
Tappan Stove Co., Mansfield, O.  
Tennessee Stove Wks., Chattanooga, Tenn.  
Thatcher Co., 89 St. Francis, Newark, N. J.  
Thomas (Oscar G.) Co., Taunton, Mass. "Herald," "Oakland"  
Twickler (Wm.) & Sons, Inc., 4530 Magazine, New Orleans, La. "South-State"  
Union Mfg. Co., Inc., Boyertown, Pa. "Charter Oak," "Golden Oak," "Umco"  
United States Stove Co., South Pittsburg, Tenn. "Fame," "Palm"  
Volunteer Stove Works, Nashville, Tenn. "Volco"  
Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass. "Crawford"  
Washington Stove Wks., Everett, Wash. "Olympic"  
White-Warner, Taunton, Mass. "Household," "Quaker"  
Wilson Stove & Mfg. Co., Inc., Metropolis, Ill. "Wilson"  
Wood & Bishop Co., 42 Broad, Bangor, Me. "Perfect"  
Woods Evertz Stove Co., Springfield, Mo. "Graceful," "Jumbo," "Woodrola"  
Woolwine Metal Products Co., 5119 S. Riverside Drive, Los Angeles, Cal. "Bear Brand"

### HEATING BOILERS—See Boilers, Heating

### HEATING PADS, Electric—See Pads, Heating, Electric

### HEATING RADIANTS—See Radiants, Heating

### HEATING STOVES—See Kind Desired

### HEATLESS LIQUID SOLDER—See Metal, Plastic

### HEAVY HAMMERS—See Sledges

### HEAVY HARDWARE—See article desired

### HEDGE KNIVES—See Knives, Hedge

### HEDGE PRUNERS—See Pruners, Hedge

### HEDGE SHEARS—See Shears, Sheep, Grass and Hedge

### HEDGE TRIMMERS—See Trimmers, Hedge, Electric; also Trimmers, Hedge

### HEEL BOLTS—See Bolts, Heel

### HEEL CHAINS—See Chains, Heel

### HEEL KNIVES—See Knives, Shoe

### HEEL MENDERS—See Menders, Sole and Heel

### HEEL PLATES—See Plates, Heel

### HEELS, Rubber—See Soles and Heels, Rubber

### HEIGHT GAGES—See Gages, Height

### HELMETS, Football

Anderson Rubber Co., Akron, O. "Anderson's"  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
McKinnon Leather Products Corp., 252 Amherst, Buffalo, N. Y.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
HEMP ROPE—See Rops, Hemp  
HEMP TWINE—See Twine, Wrapping, Etc.

### HICKEYS, Fixture Hanging, Electric

Appleton Electric Co., Chicago, Ill.  
Austin (M. B.) Co., Chicago, Ill.  
Chase Brass & Copper Co., Waterbury, Conn.  
Chicago Steel Tank Co., Chicago, Ill. "C.S.T."  
Dunlap (John) Co., Carnegie, Pa.  
Farley Mfg. Co., Decatur, Ill.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Liberty Machine Co., Wauwatosa, Wis.  
M.S.W. Mfg. Co., Buffalo, N. Y.  
Murlin Mfg. Co., Phila., Pa.  
Pittsburgh Valve & Fitting Co., Barberton, O.  
Rosch-Appleton Mfg. Co., South Bend, Ind. "Raco"  
Steel City Electric Co., Pittsburgh, Pa.  
Thomas & Betts Co., Elizabeth, N. J. "T & B"  
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

### HICKORY HANDLES—See Handles, Hickory

### HIGH SPEED STEEL—See Steel, Tool

### HIGH TEMPERATURE CEMENT—See Cement, High Temperature

### HIGHWAY LIGHTING FLARES—See Flares, Highway Lighting

### HIGHWAY WARNING TORCHES—See Torches, Road, Warning

**Drop Forged Turnbuckles**

Fig. 201  
Eye and Eye



Fig. 202  
Hook and Eye



Fig. 203  
Hook and Hook

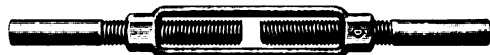


Fig. 206  
With Stub Ends  
**Nut Eye Bolts**



Fig. 220  
Drop Forged Type



Fig. 231  
Bent Eye Type

**Wire Rope  
Clips**

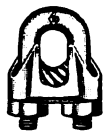


Fig. 260

**Galvanized  
Wire Rope  
Thimbles**



Fig. 264

**Galvanized  
Malleable  
Wizard  
Turnbuckles**



Fig. 210, Eye & Eye—Fig. 211, Hook & Eye  
Fig. 212, Hook & Hook  
Thread Diameters  
5/32", 3/16", 7/32", 1/4", 5/16", 3/8"

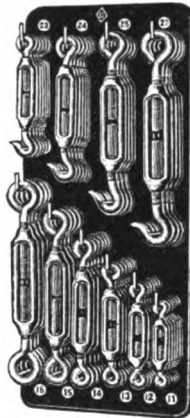


Fig. 216  
No. 400 Assortment

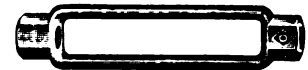


Fig. 207  
Without Stub Ends

**Screen Door Braces**



Fig. 250 Wizard—21" and 42"



Fig. 251 Anti-Sag—21" and 42"



Fig. 252 Giant—42"

**Supreme Garage Door Brace**



Fig. 253—72"

**Connecting  
Links**



Fig. 277

**Anchor  
Shackles**

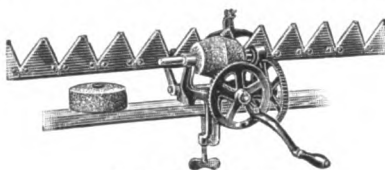


Fig. 270

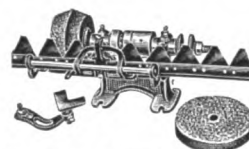
• EDWARD W. DANIEL CO. • 4063 ST. CLAIR AVE. • CLEVELAND, OHIO •

# Steady Selling For Sure Profits

## THE LUTHER LINE



Sickle & Tool Grinder



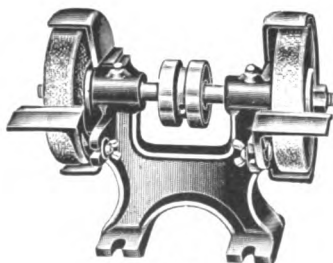
Heavy Duty Power Sickle & Tool  
Grinder



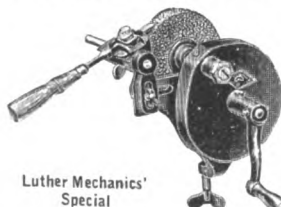
Abrasive File, Dimeo Grit No. 253



Fast Cutting Scythe Stone No. 110



Power Grinder



Luther Mechanics'  
Special

Tool Grinder — Hand, Belt,  
Foot Power  
Sickle Grinders—Hand, Belt,  
Foot Power  
Electric Grinders  
Skate Sharpeners  
Sickle Cones  
Scythe Stones  
Grinding Wheels  
Grinder Attachments  
Buffing Wheels  
Wire Wheel Brushes  
Portable Vises  
**WRITE FOR CATALOG**

# Luther

**GRINDERS** FOR EVERY PURSE AND PURPOSE  
LUTHER GRINDER & TOOL CO., Fond du Lac, Wisconsin

Mention Hardware Age When Writing

Digitized by Google

**HILL SEEDERS**—See Seeders, Drill and Hill  
**HINGE HASPS**—See Hasps, Hinge  
**HINGE PLATES**, Corner—See Plates, Hinge, Corner  
**HINGED PIPE VISES**—See Vises, Hinged Pipe

### HINGES, Ball Bearing

Allith-Prouty Mfg. Co., Danville, Ill.  
 Corbin, P. & F., New Britain, Conn.  
 Fivale Equipment Mfg. Co., 64 Reade, New York, N. Y.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Rixon (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Stanley Works, New Britain, Conn.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
**HINGES, Barn Door**—See type desired, under Hinges

### HINGES, Blind, Shutter, Etc.

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-O-Krat"  
 Austin & Eddy, Boston, Mass.  
 Corbin, P. & F., New Britain, Conn.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Penn Hdw. Co., Reading, Pa.  
 Peters (Jas.) & Son, Phila., Pa.  
 Reading Hdw. Corp., Reading, Pa.  
 Riverside Foundry Co., Wrightsville, Pa.  
 Roanoke Iron & Bridge Wks., Roanoke, Va.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Stanley Wks., New Britain, Conn.  
 Susquehanna Casting Co., Wrightsville, Pa.  
 Waterbury Brass Goods Corp., Waterbury, Conn.  
 Wrightsville Hdw. Co., Wrightsville, Pa.

### HINGES, Box

Acme Steel Co., 2888 Archer Av., Chicago, Ill. (Bottle Box)  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Lawrence Bros., Sterling, Ill.  
 Ludwig (A.) & Co., 75 Spring, New York, N. Y.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Milwaukee Stamping Co., Milwaukee, Wis. (Bottle Box)  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 Veeder-Root, Inc., Hartford, Conn.

### HINGES, Butt

American Cabinet Hdw. Corp., Rockwood, Ill. "Ameclock"  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Bronson (Homer D.) Co., Beacon Falls, Conn.  
 Champion Hardware Co., Geneva, O.  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Dent Hdw. Co., Fullerton, Pa.  
 Fivale Equipment Mfg. Co., 64 Reade, New York, N. Y.  
 Frantz Mfg. Co., Sterling, Ill.  
 Frost (C. L.) & Son, Grand Rapids, Mich.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill. "Kastlok"  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Keil (Francis) & Son, Inc., 401 E. 168d, New York, N. Y.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Lock Co., Rockford, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Parker Hdw. Mfg. Co., 27 Ludlow, New York, N. Y.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
 Penn Hdw. Co., Reading, Pa.  
 Reading Hdw. Corp., Reading, Pa.  
 Richards-Wilcox, Aurora, Ill.  
 Root (Chas. J.) Co., Bristol, Conn.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Scovill Mfg. Co., Waterbury, Conn.  
 Sharon Hdw. Mfg. Co., Sharon, Pa.  
 Swilman Hdw. Mfg. Co., Trenton, N. J.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 Waterbury Brass Goods Corp., Waterbury, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

### HINGES, Butt, Spring

American Cabinet Hdw. Corp., Rockford, Ill. "Ameclock"  
 Bommer Spring Hinge Co., 263 Classon Av., B'klyn, N. Y.

Brainerd Mfg. Co., East Rochester, N. Y.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. "Simplex," "Triplex"  
 Corbin, P. & F., New Britain, Conn.  
 Fernald Mfg. Co., North East, Pa.  
 Frantz Mfg. Co., Sterling, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
 Milwaukee Stamping Co., Milwaukee, Wis.  
 National Mfg. Co., Sterling, Ill.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 Sargent & Co., New Haven, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Stanley Wks., New Britain, Conn.

### HINGES, Cabinet

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-O-Krat"  
 American Brass Goods Co., Grand Rapids, Mich.  
 American Cabinet Hdw. Corp., Rockford, Ill. "Ameclock"  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Bronson (Homer D.) Co., Beacon Falls, Conn.  
 Champion Hardware Co., Geneva, O.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. (Spring)  
 Cooper Slide, Inc., 79 E. 130th, New York, N. Y. "Cooper"  
 Corbin, P. & F., New Britain, Conn.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Eaton-Pond Co., Inc., Collinsville, Conn.  
 Frost (C. L.) & Son, Grand Rapids, Mich.  
 Greene (G. G.) Mfg. Co., Warren, Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
 Kason Hdw. Corp., 127 Wallabout, Bklyn., N. Y.  
 Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Metropolitan Hinge Corp., 761 Metropolitan Av., Brooklyn, N. Y.  
 Mode Mfg. Co., Pasadena, Cal.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Lock Co., Rockford, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
 Reliable Mfg. Co., New Haven, Conn.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Schartzow Iron Products Co., Racine, Wis. "Sipco"  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Soss Mfg. Co., Roselle, N. J.  
 Stanley Wks., New Britain, Conn.  
 Veeder-Root, Inc., Hartford, Conn.  
 Weber-Knapp Co., Jamestown, N. Y.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**HINGES, Cellar Window**—See Fixtures, Window.  
 Cellar; also Sets, Window, Cellar; also type desired under Hinges

**HINGES, Door, Cellar**—See Hinges, Strap and "T"

### HINGES, Door, Closet, Spring

Bommer Spring Hinge Co., 263 Classon Av., B'klyn, N. Y.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill.  
 Columbus Brass Co., Columbus, O.  
 Fernald Mfg. Co., North East, Pa.  
 Nelson (N. O.) Mfg. Co., St. Louis, Mo.  
 Stanley Works, New Britain, Conn.  
**HINGES, Door, Garage**—See Hangers and Hinges, Door, Garage

### HINGES, Door, Screen, Spring

American Brass Goods Co., Grand Rapids, Mich.  
 Arcade Mfg. Co., Freeport, Ill.  
 Bommer Spring Hinge Co., 263 Classon Av., B'klyn, N. Y.  
 Champion Hdw. Co., Geneva, O.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill.  
 Cleveland Lock Works, Inc., Div. Consolidated Iron-Steel Mfg. Co., 1290 E. 53rd, Cleveland, O. "Acme"  
 Fernald Mfg. Co., North East, Pa.  
 Frantz Mfg. Co., Sterling, Ill.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Milwaukee Stamping Co., Milwaukee, Wis.  
 National Mfg. Co., Sterling, Ill.  
 Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Scovill Mfg. Co., Waterbury, Conn.  
 Sharon Hdw. Mfg. Co., Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill. "Slip-A-Part"

### HINGES, Door, Spring

Bommer Spring Hinge Co., 263 Classon Av., B'klyn, N. Y.  
 Brey-Krause Mfg. Co., Allentown, Pa.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. "Ajax," "Durex," "Premier," "Relax," "Sagless," "Simplex," "Triplex"

Climax (J. H. W.) Co., 87 Clay, Newark, N. J. "J. H. W."  
 Fernald Mfg. Co., North East, Pa.  
 Frantz Mfg. Co., Sterling, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Lawrence Bros., Sterling, Ill.  
 Milwaukee Stamping Co., Milwaukee, Wis.  
 National Lock Co., Rockford, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Reading Hdw. Corp., Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Scovill Mfg. Co., Waterbury, Conn.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Shelby Metal Products Co., Shelby, O.  
 Shelby Spring Hinge Co., Shelby, O.  
 Stanley Wks., New Britain, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill. "Slip-A-Part"

### HINGES, Double Acting, Spring

Bommer Spring Hinge Co., 263 Classon Av., B'klyn, N. Y.  
 Brey-Krause Mfg. Co., Allentown, Pa.  
 Champion Hdw. Co., Geneva, O.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill.  
 Clinton Lock Co., Clinton, Ia.  
 Columbus Brass Co., Columbus, O.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Milwaukee Stamping Co., Milwaukee, Wis.  
 Sargent & Co., New Haven, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Smith (F. H.) Mfg. Co., 3047 Carroll Av., Chicago, Ill. "Niles"  
 Stover Mfg. & Engine Co., Freeport, Ill. "Ideal"

### HINGES, Floor

Bommer Spring Hinge Co., 263 Classon Av., B'klyn, N. Y.  
 Champion Hdw. Co., Geneva, O.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill.  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Frantz Mfg. Co., Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 Milwaukee Stamping Co., Milwaukee, Wis.  
 National Mfg. Co., Sterling, Ill.  
 Rixon (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 Sargent & Co., New Haven, Conn.  
 Shelby Metal Products Co., Shelby, O.  
 Shelby Spring Hinge Co., Shelby, O. "Chief"  
 Stanley Wks., New Britain, Conn.

### HINGES, Friction

American Cabinet Hdw. Corp., Rockford, Ill. "Ameclock"  
 Keystone Friction Hinge Co., Williamsport, Pa.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Rixon (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 Stanley Wks., New Britain, Conn.

### HINGES, Gate

Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
 Cyclone Fence Co., Waukegan, Ill.  
 Frantz Mfg. Co., Sterling, Ill.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Lawrence Bros., Sterling, Ill.  
 Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Milwaukee Stamping Co., Milwaukee, Wis.  
 National Mfg. Co., Sterling, Ill.  
 Penn Hdw. Co., Reading, Pa.  
 Peters (Jas.) & Son, Phila., Pa.  
 Reading Hdw. Corp., Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Standard Fence Co., Oakland, Cal.  
 Stanley Wks., New Britain, Conn.  
 Susquehanna Casting Co., Wrightsville, Pa.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Wrightsville Hdw. Co., Wrightsville, Pa.

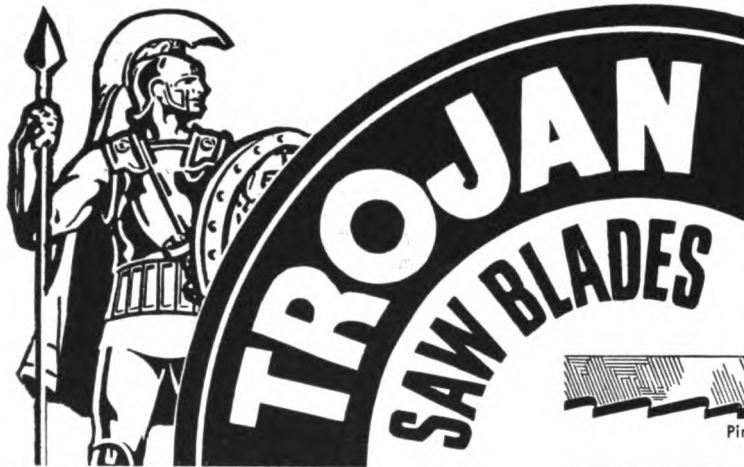
### HINGES, Gate, Office

Bommer Spring Hinge Co., 263 Classon Av., B'klyn, N. Y.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. "Sagless"  
 Corbin, P. & F., New Britain, Conn.  
 Griffin Mfg. Co., Erie, Pa.  
 Milwaukee Stamping Co., Milwaukee, Wis. "Universal"  
 Shelby Spring Hinge Co., Shelby, O.

### HINGES, Hook and Eye

Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-15 Metropolitan Av., B'klyn, N. Y.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Mfg. Co., Sterling, Ill.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Sharon Hardware Mfg. Co., Sharon, Pa.





## A Complete Line for Sawing WOOD, METAL BONE, PLASTICS



### BALANCED STOCK STEEL DISPLAY CABINET

Dealers! Here is the way to sell TROJAN Saw Blades. This neat assortment provides a balanced stock of Standard Coping and Jig Saw Blades—a complete selection of blades recommended for sawing WOOD, METAL, BONE or PLASTICS.

No. 1450  
Blades are so indexed and divided in compartments in an all-steel display box that a perpetual inventory is provided. Automatic Salesman Display Cabinet is FREE with your order.

### JEWELERS' BLADE DISPLAY CABINET

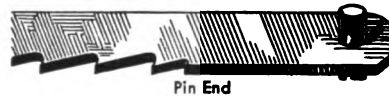
To meet the increasing demand for a convenient method of merchandising the numerous sizes of Jewelers' Saw Blades now available, we offer this ALL-STEEL CABINET containing 18 different Jeweler Saw Blades (1 gross of each blade). Each size is plainly marked and carefully boxed. Cabinet free.



### TROJAN COPING SAW FRAMES



Made of special analysis spring steel heavily chrome or nickel plated with strong, well finished, wood handles that will not break or work loose. Available in 3 sizes of adjustable coping saw frames 4½", 6½" and 12½" in depth—take 6½" standard coping saw blades.



Pin End



Lock Loop End



Loop End



Blank End

### COPING SAW BLADES

No.	End	Long	Wide	Thick	Teeth
2	Lock	6½"	.065"	.020"	15
3	"	6½"	.070"	.020"	15
5	"	6½"	.070"	.020"	20
22P	"	6½"	.070"	.020"	32
33P	Pin	6½"	.110"	.020"	15
228P	"	6½"	.110"	.020"	10
338P	"	6"	.110"	.020"	15
4L	Loop	6"	.070"	.020"	20
420P	Pin	6" or 6½"	.250"	.020"	20
432P	"	6½"	.187"	.020"	32
332P	"	6"	.187"	.020"	52

### JEWELERS' SAW BLADES

No.	End	Long	Wide	Thick	Teeth
8/OJ	Blank	5"	.014"	.006"	80
6/OJ	"	5"	.018"	.006"	78
4/OJ	"	5"	.018"	.009"	78
5/OJ	"	5"	.020"	.010"	68
2/OJ	"	5"	.020"	.010"	64
1/OJ	"	5"	.025"	.011"	64
1J	"	5"	.028"	.012"	58
2J	"	5"	.028"	.014"	44
3J	"	5"	.030"	.014"	44
4J	"	5"	.032"	.015"	40
5J	"	5"	.033"	.015"	36
6J	"	5"	.034"	.016"	32

To No. 15J

### FRET SAW BLADES

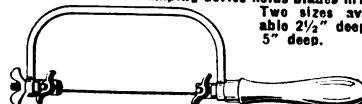
No.	End	Long	Wide	Thick	Teeth
11B	Blank	5"	.010"	.070"	14
12B	"	5"	.010"	.055"	16
13B	"	5"	.010"	.045"	18
14B	"	5"	.008"	.035"	20
15B	"	5"	.007"	.028"	20
5A	"	5"	.012"	.028"	21
6A	"	5"	.016"	.035"	21
7A	"	5"	.018"	.045"	18
8A	"	5"	.020"	.055"	15
9A	"	5"	.020"	.065"	12
11A	"	5"	.020"	.070"	7
12A	"	5"	.020"	.010"	7

### JIG SAW BLADES

No.	End	Long	Wide	Thick	Teeth
36P	Pin	5"	.040"	.010"	18
510P	"	5"	.110"	.020"	10
515P	"	5"	.110"	.020"	15
520P	"	5"	.110"	.020"	20
310P	"	5"	.110"	.020"	20
425P	"	5"	.187"	.028"	10
407P	"	5"	.250"	.028"	7
610P	"	6"	.110"	.020"	10
615P	"	6"	.110"	.020"	15
620P	"	6"	.110"	.020"	20
316P	"	6"	.187"	.028"	10
426P	"	6"	.250"	.028"	7
427P	"	6"	.250"	.028"	7

### Spring Steel Jewelers' Saw Frames

Frames are heavily nickel plated, genuine hard wood handle. Positive clamping device holds blades firmly. Two sizes available 2½" deep or 5" deep.



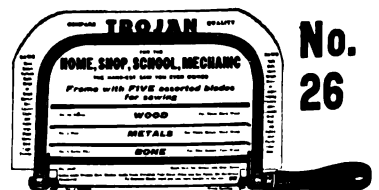
### Scroll Saw Set

A complete set comprised of special spring steel frame heavily nickel plated with handle of hard wood highly polished; One dozen extra blades and 18 modern sawing designs of attractive, useful objects. All packed in an attractive box. 3 sizes available. Choice of 8", 10", or 12" frame depths.



### No. 1 Sawing Set

The handiest saw ever owned for Home, Shop, School and Mechanics—cuts Wood, Metal, Plastic, Bone, in fact, almost any material. Set comprises of a No. 20 Frame and six blades each filed and set to fit different sawing requirements with instructions for sawing all materials.



No. 26

Standard TROJAN Frame with five assorted blades for wood, metal, and plastics—any thickness. Sold exclusively thru jobbers.



### No. 30 Handy Hack

Fits where others can't. Adjustable—blade may be extended 4" beyond extreme end of frame. Furnished with attractive set with one fine and one coarse blade. Fast counter seller.

### WRITE TODAY

### for NEW CATALOG

Showing complete TROJAN Line—the only blades that are oil hardened, tempered, filed and set—are guaranteed for quality and workmanship. Handle the saw blade with a reputation that is supported by an active dealer sales plan. Write for proposition and name of nearest jobber.

**ACKERMANN, STEFFAN & CO. 4509 W. Palmer St., CHICAGO, U.S.A.**  
New York: 200 Church St. San Francisco: 604 Mission St.

**HINGES, Hook and Strap**

Buebel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Champion Hardware Co., Geneva, O.  
 Frantz Mfg. Co., Sterling, Ill.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Mfg. Co., Sterling, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hdw. Mfg. Co., Sharon, Pa.  
 Stanley Wks., New Britain, Conn.  
 Wagner Mfg. Co., Cedar Falls, Ia.

**HINGES, Invisible**

American Cabinet Hdw. Corp., Rockford, Ill. "Amer-rock"  
 National Lock Co., Rockford, Ill.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Soss Mfg. Co., Roselle, N. J.  
 Stanley Wks., New Britain, Conn.

**HINGES, Ornamental**

American Brass Goods Co., Grand Rapids, Mich.  
 American Cabinet Hdw. Corp., Rockford, Ill. "Amer-rock"  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Champion Hardware Co., Geneva, O.  
 Clegg Mfg. & Tool Co., Attleboro, Mass.  
 Corbin, P. & F., New Britain, Conn.  
 Craftsmen, 108 Broad, Boston, Mass.  
 Detroit Hardware Mfg. Co., Detroit, Mich.  
 Frantz Mfg. Co., Sterling, Ill.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Lawrence Bros., Sterling, Ill.  
 Ludwig (A.) & Co., 75 Spring, New York, N. Y.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Lock Co., Rockford, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Shelby Metal Products Co., Shelby, O.  
 Shelby Spring Hinge Co., Shelby, O.  
 Stanley Wks., New Britain, Conn.  
 Tyler (W. S.) Co., Cleveland, O.  
 Veeder-Root, Inc., Hartford, Conn.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**HINGES, Pivot, Checking**

Rixon (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 "Russwin-Newton"

**HINGES, Pivot, Spring**

Bommer Spring Hinge Co., 263 Classon Av., Bklyn., N. Y.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. "Sageless"  
 Milwaukee Stamping Co., Milwaukee, Wis. "Universal"

**HINGES, REFRIGERATOR—See Refrigerator Hardware****HINGES, Show Case**

American Cabinet Hdw. Corp., Rockford, Ill. "Amer-rock"  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Champion Hardware Co., Geneva, O.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. (Spring)  
 Corbin, P. & F., New Britain, Conn.  
 Kason Hdw. Corp., 127 Wallabout, Bklyn., N. Y.  
 Kell (Francis) & Son, Inc., 401 E. 163d, New York, N. Y. (Spring)  
 Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Brass Co., Grand Rapids, Mich.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Scovill Mfg. Co., Waterbury, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Soss Mfg. Co., Roselle, N. J.

**HINGES, Shutter—See Hinges, Blind, Shutter, Etc.****HINGES, Steel—See Butts, Steel****HINGES, Strap and "T"**

Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
 Champion Hardware Co., Geneva, O.  
 Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
 Kachmar Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Frantz Mfg. Co., Sterling, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa. (Port)  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me. (Port)  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Brass Co., Grand Rapids, Mich. "Dexter" (Strap)  
 National Mfg. Co., Sterling, Ill.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Peters (Jas.) & Son, Phila., Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.

S-B Mfg. Co., Milwaukee, Wis.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Stanley Wks., New Britain, Conn. "Red Tip"  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**HINGES, "T"—See Hinges, Strap & "T"****HINGES, Table**

American Cabinet Hdw. Corp., Rockford, Ill. "Amer-rock"  
 Champion Hardware Co., Geneva, O.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Lock Co., Rockford, Ill.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.

**HINGES, Toilet Seat**

Brey-Krause Mfg. Co., Allentown, Pa.  
 Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. "Sanitex" (Self-Raising Spring Hinge)  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"

**HINGES, Transom**

Corbin, P. & F., New Britain, Conn.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Rixon (Oscar C.) & Co., 4450 Carroll Av., Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Stanley Wks., New Britain, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**HINGES, Tray, Butlers'**

Weidman Mfg. Co., Inc., 168 Centre, New York, N. Y.

**HINGES, Window, Casement**

Brainerd Mfg. Co., East Rochester, N. Y.  
 Casement Hdw. Co., 404 North Wood, Chicago, Ill. "Win-Dor"  
 Corbin, P. & F., New Britain, Conn.  
 Fiware Equipment Mfg. Co., 64 Reade, New York, N. Y.  
 Frantz Mfg. Co., Sterling, Ill.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Higgins & Page, Inc., Brighton Station, Rochester, N. Y. "Clean-E-Ze"  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Mfg. Co., Sterling, Ill.  
 Rixon (Oscar C.) & Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Soss Mfg. Co., Roselle, N. J.  
 Stanley Wks., New Britain, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**HITCHES, Rope**

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
**HITCHES, TRAILER—See Couplers, Trailer**  
**HITCHING POSTS—See Posts, Hitching**  
**HOBBLES, Cow—See Ties, Cattle and Horse; also Holders, Tail, Cow**  
**HOBBY HORSES—See Horses, Hobby, Rocking**

**HOBS**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.

**HOBBY HORSES—See Horses, Hobby, Rocking****HOCKEY BALLS—See Balls, Field and Hockey****HOCKEY GAUNTLETS—See Gauntlets, Hockey****HOCKEY GLOVES—See Gloves, Hockey****HOCKEY LEG GUARDS—See Guards, Leg, Hockey****HOCKEY PUCKS—See Pucks, Hockey****HOCKEY SHOES—See Shoes, Hockey****HOCKEY STICKS—See Sticks, Hockey****HODS, Brick—See Hods, Mortar and Brick****HODS, Coal**

Adams Co., Dubuque, Ia.  
 Atlantic Stamping Co., Rochester, N. Y.  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Centre Brass Works, Inc., 72 Spring, New York, N. Y.  
 Crunden (Martin) Mfg. Co., St. Louis, Mo.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Gender, Paeschke & Frey Co., Milwaukee, Wis.  
 Kreamer (S. M.) Co., Boston, Mass.  
 Kreamer (S. A.) Inc., 307 Kent Av., B'klyn, N. Y.  
 Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Peerless Mfg. Co., Louisville, Ky.  
 Reeves Steel & Mfg. Co., Dover, O.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"

**HODS, Mortar and Brick**

Berg (John) Mfg. Co., Chicago, Ill.  
 Cleveland Wire Spring Co., Cleveland, O. "Never-drip"  
 Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
 Lansing Co., Lansing, Mich.  
 Louthan Sheet Metal Co., 2407 Pulaski Rd., So. Chicago, Ill.

**HOE HANDLES—See Handles, Hickory****HOES**

Akron-Selle Co., Akron, O. "Tasco"  
 American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Beebe," "Comet," "Crescent," "Digey," "Ely," "Giant," "Hummer," "Humphrey," "Ivanhoe," "Newman," "Panther," "Sandwich Islands," "Smiths," "Southern Queen," "True Temper," "Warren," "Washington County"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "CKR," "Kohler," "Little Giant," "Standard" (Weeding)  
 Ennis Mfg. Co., Reading, Pa. (Weeding)  
 Farquhar (A. B.) Co., Ltd., York, Pa. "Iron Age"  
 Gardex, Inc., 215 E. Michigan, Michigan City, Ind. "Gardex"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. (Rotary) "McCormick-Deering"  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Massey-Harris Co., Racine, Wis. (Rotary)  
 Miller Mfg. Co., Hicksville, O. "Buckhorn," "Tested Tools"  
 North Wayne Tool Co., Oakland, Me. "Humphrey"  
 Reichard (F. H.) Mfg. Co., Bangor, Pa. "Magic"  
 Scovill, D. & H., Hingham, Conn.  
 Syracuse Chilled Flow Co., Syracuse, N. Y.  
 Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Speedy," "Union"  
 Warren Tool Corp., Warren, O.  
 Warwood Tool Co., Wheeling, W. Va.

**HOES, Ash and Fire**

Farrell-Cheek Steel Co., Sandusky, O.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn, N. Y.  
 Leetonia Tool Co., Leetonia, O.  
 National Tool Co., 90 Walker, New York, N. Y.

**HOES, Beet**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Hamlin Metal Products Co., 58 W. Exchange, Akron, O. "Country Gentleman"  
 Miller Mfg. Co., Hicksville, O. "Buckhorn," "Tested Tools"  
 Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Union"

**HOES, CORN—See Hoes, Garden and Field****HOES, Cotton**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O. "Country Gentleman"  
 Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Union"

**HOES, Cotton Chopper**

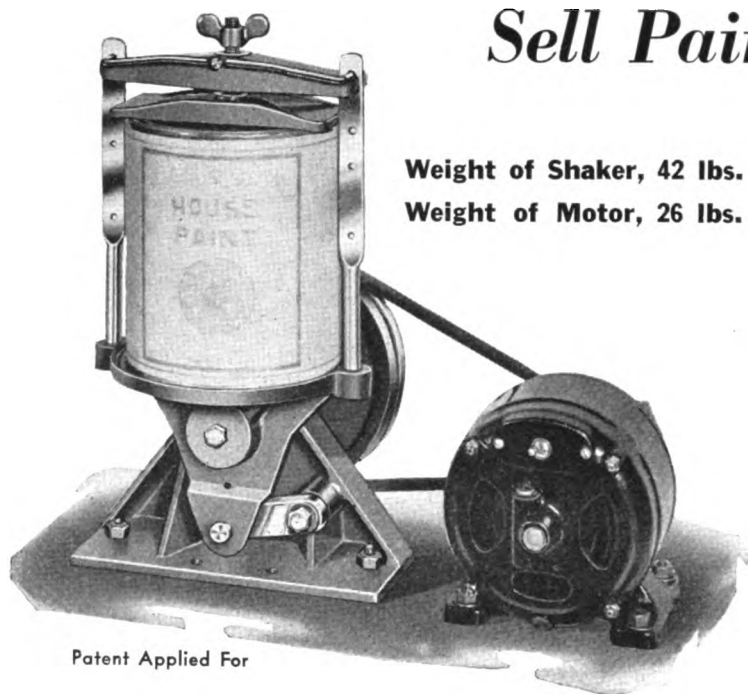
American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Laurel Hoe Wks., Laurel, Miss.  
 Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Union"

**HOES, Cultivator**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
 B. B. Specialty Co., Minneapolis, Minn. "Perfection"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Little Giant"  
 Diamond Point Push Hoe Co., Inc., 4188 Union Pacific Av., Los Angeles, Cal. "Diamond Point"  
 Eddy Plow Wks., Greenwich, N. Y.  
 Gardex, Inc., 215 E. Michigan, Michigan City, Ind. "Gardex"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O. "Country Gentleman"  
 Imperial Bit & Snap Co., Racine, Wis.  
 Kee Mfg. Co., Atlanta, Ga. "Kee-Weeder"  
 Norcross (C. S.) & Son, Bushnell, Ill. "Norcross," "Bushnell"  
 Reichard (F. H.) Mfg. Co., Bangor, Pa. "Magic"

# APPROVED BY LEADING PAINT MANUFACTURERS

## *Sell Paint Well Mixed*

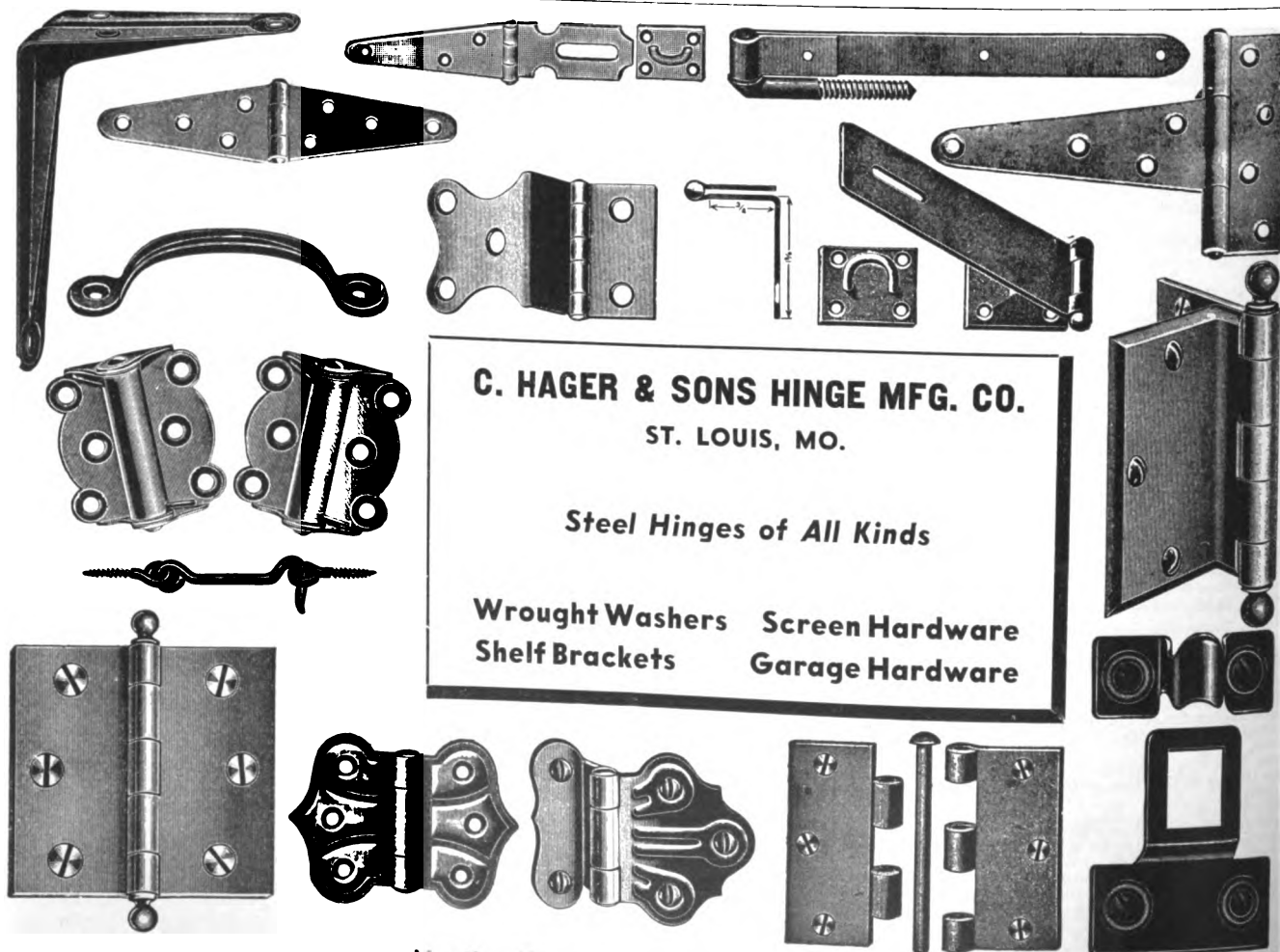


**\$17 50**  
Less Motor  
F. O. B. Detroit

- Shaker Holds Any Sized Can up to One Gallon.
- Shaker Comes Complete with Pulley for Motor, and V-Belt Is Included.
- Rapid Adjustment to Can Size.

*Write For Literature Today*

**HORST UNIVERSAL SALES CO.,** 13630 Elmira Ave.,  
Detroit, Michigan



Mention Hardware Age When Writing

Digitized by Google



**HOES, Cultivator (Continued)**

Boyle Mfg. Co., Galesburgh, Ill. "RO-HO" (Combination)  
 Specialty Mfg. Co., Canton, O. "Diamond Point"  
 Teaman Harvester Co., Inc., Albert City, Ia.  
 Union Fork & Hoe Co., Columbus, O. "Acme,"  
 "Beebe," "Speedy Push-Pull," "Speedy Sharp-shooter," "Union"

**HOES, Garden and Field**

Akron-Selle Co., Akron, O. "Aristocrat," "Tasco"  
 American Fork & Hoe Co., Cleveland, O. "Standard," "True Temper"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 "Ames," "Knoxall," "Owl," "Robin"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "CKR," "Kohler," "Little Giant," "Standard"  
 Diamond Point Push Hoe Co., Inc., 4188 Union Pacific Av., Los Angeles, Cal. "Diamond Point"  
 E. Z. Lawn Edger Co., Los Angeles, Cal.  
 Farquhar (A. B.) Co., Ltd., York, Pa. "Iron Age"  
 Five In One Hoe Co., 203 Av. A, Fort Dodge, Ia. (Self-Cleaning)  
 Gardex, Inc., 215 E. Michigan, Michigan City, Ind. "Gardex"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange  
 Akron, O. "Country Gentleman"  
 Kee Mfg. Co., Atlanta, Ga. "Kee-Weeder"  
 Miller Mfg. Co., Hicksville, O. "Buckhorn," "Tested Tools"  
 Richard (F. H.) Mfg. Co., Bangor, Pa. "Magic"  
 Riley Scythe Co., Newport, N. H.  
 Stanley Wks., New Britain, Conn.  
 Teaman Harvester Co., Inc., Albert City, Ia. (Self-Cleaning)  
 Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Speedy," "Union"  
 Warwood Tool Co., Wheeling, W. Va.  
 Whitaker Mfg. Co., Chicago, Ill. "Gem"  
 Teaman-Hoag Co., Monticello, Ia.

**HOES, Garden, Wheel**

Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Planet, Jr.," "Jiffy Hoe"  
 American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "True Temper"  
 Avery (B. F.) & Sons Co., 1721 S. 7th, Louisville, Ky.  
 Ellis Keystone Agricultural Wks., Pottstown, Pa. "Iron Age"  
 Farquhar (A. B.) Co., Ltd., York, Pa. "Iron Age"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Moore Plow & Implement Co., Greenville, Mich.  
 Ohio Cultivator Co., Bellevue, O. "Climax," "Dexter," "Skaboo"  
 Rowe Mfg. Co., Galesburgh, Ill. "RO-HO"  
 Thornburgh Mfg. Co., Bowling Green, O. "Toledo"

**HOES, Grub and Mattocks**

American Fork & Hoe Co., Cleveland, O. "Scovill Pattern," "True Temper"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Little Giant"  
 Collins Co., Collinsville, Conn. "Collins Legitimus"  
 Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
 Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Evansville"  
 Hamlin Metal Products Co., Inc., 58 W. Exchange  
 Akron, O.  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Hunt's"  
 Klein-Loran Co., Pittsburgh, Pa.  
 Leetonia Tool Wks., Leetonia, O.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Scovill, D. & H. Higganum, Conn.  
 Union Fork & Hoe Co., Columbus, O. "Dig Ezy," "Dixie," "Southern Queen," "Union"  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Wks., Verona, Pa.

**HOES, Mortar**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 "Ames," "Knoxall," "Owl," "Robin"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange  
 Akron, O.  
 Union Fork & Hoe Co., Columbus, O. "Union"

**HOES—NURSERY AND NURSERYMEN'S—See**

Bee, Garden and Field

**HOES, Onion**

Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Planet, Jr."

American Fork & Hoe Co., Cleveland, O. "True

Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 "Ames," "Knoxall," "Owl," "Robin"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Gardex, Inc., 215 E. Michigan, Michigan City, Ind. "Gardex"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange  
 Akron, O.  
 Union Fork & Hoe Co., Columbus, O. "Union"

**HOES, Scuffle**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames Baldwin Wyoming Co., Parkersburg, W. Va.  
 "Ames," "Knoxall," "Owl," "Robin"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Fraser Dutch" (British)  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Union Fork & Hoe Co., Columbus, O. "Speedy Push-Pull," "Union"

**HOG FEEDERS—See Feeders, Hog****HOG HOUSE DOORS—See Doors, House, Hog****HOG OILERS—See Oilers, Hog****HOG PENS—See Pens, Hog****HOG RINGERS—See Ringers, Hog****HOG RINGS—See Rings, Hog****HOG SCRAPERS—See Scrapers, Hog****HOG TROUGH—See Troughs, Hog****HOG WATERERS—See Waterers, Hog****HOG WATERING BOWLS—See Bowl, Watering, Hog****HOISTING HOOPS—See Hooks, Hoisting, Bale, Barrel, Can, Etc.****HOISTING ROPE—See Rope, Hoisting****HOISTING SINGLE TREES—See Singletrees, Hoisting****HOISTS, Ash**

Energy Elevator Co., 217 New, Phila., Pa.  
 Ernst, Chas. K., Buffalo, N. Y.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange  
 Akron, O.  
 Hyde Windlass Co., Bath, Me.  
 Link-Belt Co., 2410 W. 18th, Chicago, Ill.  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.  
 Sidney Elevator Mfg. Co., Sidney, O.  
 Speidel, John G., Reading, Pa.

**HOISTS, Chain and Rope**

(See also Blocks or Hoists, Chain)

Barrett-Cravens Co., 3250 W. 30th, Chicago, Ill.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Channon (J. H.) Corp., 1455 W. Hubbard, Chicago, Ill.  
 Chisholm-Moore Hoist Corp., Tonawanda, N. Y.  
 "Al-Lite," "Cyclone," "Hercules"  
 Coffing Hoist Co., Danville, Ill. (Also Electric)  
 Edelblute Mfg. Co., Reynoldsville, Pa. "Anchor"  
 Ford Chain Block, Div. American Chain & Cable Co., Inc., 2109 N. 2nd, Phila., Pa.  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Ney Mfg. Co., Canton, O. "Monarch"  
 Reading Chain & Block Corp., Reading, Pa.  
 Round (David) & Son, Cleveland, O. "Little Wizard"  
 Starline, Inc., Harvard, Ill. "Giant Star"  
 Union Mfg. Co., New Britain, Conn. "Union"  
 "Union Acme"  
 Wright Mfg., Div. American Chain & Cable Co., Inc., York, Pa. (Hand & Electric)  
 Yale & Towne Mfg. Co., 4530 Tacony, Phila., Pa. (Electric)

**HOISTS, Puller**

American Chain, Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Coffing Hoist Co., Danville, Ill.  
 Edelblute Mfg. Co., Reynoldsville, Pa. "Anchor"  
 Shaffer (J. E.) Co., 623 E. Cameron, Tulsa, Okla.  
 "Come-Along"  
 Wright Mfg. Div. American Chain & Cable Co., Inc., York, Pa.  
 Yale & Towne Mfg. Co., 4530 Tacony, Phila., Pa. "Pul-Lift"

**HOLDERS, AUTOMOBILE LICENSE—See Brackets, License****HOLDERS, Blade, Safety Razor**

Bates (C. J.) & Son, Chester, Conn. "Rip-N-Cut"  
 Brown (John Clark), 525 Lexington Av., New York, N. Y. "Duz-All"  
 Chelsea Metal Stamping Co., 95 8th Av., New York, N. Y. "Chelsea"  
 Conrad Razor Blade Co., 36th & 47th Av., Long Island City, N. Y.  
 Dormeyer (A. F.) Mfg. Co., Chicago, Ill.  
 Greenview Mfg. Co., 2557 Greenview Av., Chicago, Ill. "Arrow"  
 McGill Metal Products Co., 142 E. Prairie, Marengo, Ill. "Acorn"  
 Seed Filter & Mfg. Co., Inc., 343 Bway., New York, N. Y. "Seeco"  
 Smith (Landon P.) Inc., 130 Coit, Irvington, N. J. "Jak-Nife," "Red Devil"  
 Vnos Co., Inc., New Haven, Conn. "Moon"  
 Warner Mfg. Co., 801 16th Av., S. E., Minneapolis, Minn.

**HOLDERS, Broom**

American Cabinet Hdw. Corp., Rockford, Ill. "America"  
 Arcade Mfg. Co., Freeport, Ill.  
 Brown (John Clark), 525 Lexington Av., New York, N. Y. "Kenberry"  
 Colson Corp., Elyria, O. "Gripstick"  
 Ely Mfg. Co., Girard, Pa.  
 Erickson (C. E.) & Co., Des Moines, Ia. "Queen," "New Queen"  
 Forg (Peter) Mfg. Co., Somerville, Mass.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 Gibson Good Tools, Inc., Orange, Mass. "Gripper Clip"  
 Gordon Mfg. Co., 110 E. 23rd, New York, N. Y. "Red Dot"  
 Grand Rapids Wire Products Co., Grand Rapids, Mich.  
 Hampden Mfg. Co., Plainfield, N. J.  
 Mayer Mfg. Co., 3130 W. 51st, Chicago, Ill.  
 Patent Novelty Co., Inc., Fulton, Ill.  
 Platt (Arthur I.) & Co., Fairfield, Conn. "Finger Grip"  
 Racine Iron & Wire Wks., Racine, Wis. "Holtite"  
 Resilient Gripper Co., Meyer Bldg., Wilkes-Barre, Pa. "Sure Gripper"  
 South Montrose Mfg. Co., Inc., South Montrose, Pa. "Sure Grip"  
 Stanley Works, New Britain, Conn.  
 Stewart (K. D.), 16773 Warwick Rd., Detroit, Mich. "Marvel"  
 United Sales & Mfg. Corp., 1831 N. W. 23rd Pl., Portland, Ore. "Grip-Rite"  
 United States Lock & Hdw. Co., Columbia, Pa.  
 Washburn Company, Worcester, Mass.  
 Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.

**HOLDERS, Broom, Whisk**

Arcade Mfg. Co., Freeport, Ill.  
 General Hdw. Mfg. Co., 16 Warren, New York, N. Y. "3 in One"  
 Gibson Good Tools, Inc., Orange, Mass. "Gripper Clip"  
 Gordon Mfg. Co., 110 E. 23rd, New York, N. Y. "Red Dot"  
 National Sheet Metal Co., Peru, Ill.  
 Platt (Arthur I.) & Co., Fairfield, Conn. "Finger Grip"  
 Washburn Company, Worcester, Mass.

**HOLDERS, Brush, Paint**

Ideal Paint Brush Holder Co., 195 West Shore Av., Bogota, N. J.  
 Yenne & North Mfg. Co., Wooster, O. "Y & N"

**HOLDERS, Can, Garbage**

Western Products, Inc., Newcastle, Ind. "Sanistan"

**HOLDERS, Card**

Brainerd Mfg. Co., East Rochester, N. Y.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Darling (L. A.) Co., Bronson, Mich.  
 Denning Mfg. Co., 1783 E. 87th, Cleveland, O.  
 Dennison Mfg. Co., Framingham, Mass.  
 Dow, A. W., Baldwin, N. Y.  
 Dunning, H. A., Westerly, R. I. "Manson's" (Price)  
 Garden City Plating & Mfg. Co., Chicago, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Haddon Bin Label Co., Haddon Heights, N. J.  
 Hampden Mfg. Co., Plainfield, N. J. "Hold-Tite," "Holdzit"  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Hopp Press, Inc., 460 W. 34th, New York, N. Y. (Price)  
 Lockwood Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Ludwig (A.) & Co., 75 Spring, New York, N. Y.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Lock Co., Rockford, Ill.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Reflector Hardware Corp., Western Av. & 22nd Place, Chicago, Ill. (Price)  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Timberlake (J. B.) & Sons, Jackson, Mich.  
 Warren (J. D.) Mfg. Co., Montpelier, O.

**HOLDERS, Catalog, Counter**

Geneva Mfg. Co., Geneva, Ill. "Ever Ready"

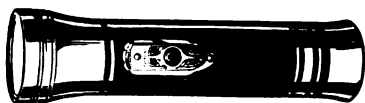
**HOLDERS, Christmas Tree**

Adams Co., Dubuque, Ia.  
 Anderson (C. F.) & Co., 3225 Calumet Av., Chicago, Ill.  
 Arcade Mfg. Co., Freeport, Ill.  
 B. & J. Mfg. Co., Springfield, O.  
 Berr (John) Mfg. Co., Chicago, Ill.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Buhl Stamping Co., Detroit, Mich. "Evergreen Water Font"  
 Campbell-Hausfeld Co., Harrison, O.  
 Danner, Albert P., 116 Trowell, Bridgeport, Conn.  
 Ely Mfg. Co., Girard, Pa.  
 Fernald Mfg. Co., North East, Pa. "Gem," "Jewel"  
 General Hardware Mfg. Co., 16 Warren, New York, N. Y. "Capital," "General," "Golden Cross"  
 Geuder Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hafner Mfg. Co., Chicago, Ill. "Handy"

# NATIONAL CARBON COMPANY, INC.

Almost half a century of manufacturing experience insures highest quality in all "Eveready" Products. Tremendous consumer advertising produces fast turnover and high profits. You may sell "Eveready" Products with confidence.

## "EVEREADY" FLASHLIGHTS



### 2-Cell Automatic Spotlights

Number	Finish
8251	Chromium
2251	Black-Chromium
2231 (Med. Size)	Black-Chromium
8257 (Off. Boy Scout)	Khaki-Chromium
1251 (Industrial)	Black
1259 (Industrial Safety)	Black

### 3-Cell Automatic Spotlights

8351	Chromium
2351	Black-Chromium
1351 (Industrial)	Black
1359 (Industrial Safety)	Black

### 2-Cell Focusing Spotlights

2671	Black-Chromium
9251	Black - Copper
9231 (Med. Size)	Black - Copper
2681	Black - Brass
2657 (Off. Boy Scout)	Khaki-Nickel
2664 (Off. Girl Scout)	Jade Green

### 3-Cell Focusing Spotlights

2672	Black-Chromium
9351	Black - Copper
352 (Searchlight)	Nickel
2642 (Searchlight)	Black-Chromium



### Six-Inch Cells

Type	Volt- age	Pkg. Quan.
No. 6 "Ignitor"	1½	12
Railroad & Industrial	1½	25
"Columbia" "Gray Label"		
Long Life Telephone Cell	1½	25
No. 7111	1½	12
No. 16	1½	12

Note: "Eveready" Steel Case "Hot Shot" Batteries are recommended for all purposes requiring 4 or more dry cells in series (excepting No. 614, which is designed for Electric Fence Controllers).

## "EVEREADY" MAZDA FLASHLIGHT AND AUTOMOBILE LAMPS

Complete lamp stocks are highly profitable and an accommodation to your customers. Write for complete "Eveready" Mazda flashlight lamp specifications—and for the "Eveready" Mazda Automobile Lamp Guide.



### "STA-WAY"

#### INSECT REPELLENT LOTION

"STA-WAY" Lotion, a popular and profitable product for your store, gives absolute protection from biting insects; smells pleasant; is non-greasy, and is non-injurious to the skin!



### 2-Cell Floodlights

Number	Finish
2250	Black-Chromium
9250	Black - Copper

### 3-Cell Floodlights

2633	Chromium
2619	Black-Chromium

### 5-Cell Searchlights

2645	Black-Chromium
552	Nickel

### Special Purpose

210	2-Cell Pen Light	Chromium
62	2-Cell Auto Flashlight & Holder Combination	Black-Chromium
3801	3-Cell Headlight & Lantern Combination	Black-Chromium
3802	5-Cell Headlight & Lantern Combination	Black-Chromium
3258	2-Cell Industrial Extension Flashlight	Black
4758	3-Cell Wallite	Ivory

## "EVEREADY" DRY CELL BATTERIES

All our Dry Cells have metal top construction—which protects against leakage, bulging and breakage—insures long service.

### "Hot Shot" Batteries

Type	Volt- age	Pkg. Quan.
No. 1461	6	4
No. 1462	6	4
No. 1562	7½	4
No. 1662	9	4
No. 141	6	4
No. 614—(For Electric Fence Controllers)	6	4



## "EVEREADY"

### FLASHLIGHT BATTERIES

The shelf life of "Eveready" Batteries is unusually long. You are further protected from loss through stale stocks by the "Eveready" Date-Line which enables you to rotate stocks—sell older batteries ahead of new shipments.

### Unit Cells

Number	Size	Description	Unit Package
915	1½" x 2¾"	Pen Light Cell	12
935	2" x 1½"	Baby Tubular	12
950	2¾" x 1½"	Regular	48

### Tubular

705	7½" x 1½"	3-Cell Regular Tubular	12
790	4½" x 1½"	2-Cell Regular Tubular	12

### Flat

702	2½" x 2½"	Shot Firer Type	1
703	2½" x 2½"	Large Pocket Size	1
704	4½" x 2½"	Shot Firer Type	1
750	2½" x 1½"	Medium Vest Pocket	10
751	2½" x 2" x 1½"	Medium Vest Pocket	1

### Lantern

409	3¾" x 2½" x 2½"	Railroad Lantern	1
710	2½" x 3½"	Cluster	1
734	3¾" x 3½" x 1½"	Rectangular	1

## "EVEREADY" PORTABLE RADIO BATTERIES

### 45-Volt "B" Batteries

"Mini-Max" No. 482—Sensational new construction gives twice as many listening hours as conventional batteries of equal size, or the same number of listening hours as other batteries twice its size. Weight, 2 lbs.

No. 762—Same service life as smaller, lighter No. 482 "Mini-Max". Weight, 3 lbs.

No. 738—Where even smaller battery than much longer-lived No. 482 "Mini-Max" must be used. Weight, 1 lb. 6 ozs.



### Portable "A" Batteries

Type	No. Cells	Volts	Type	No. Cells	Volts
No. 718	8	6	No. 745	8	1½
No. 746	3	4½	No. 741	8	1½
No. 747	8	6	No. 742	4	1½
			No. 743	6	1½

Note: Always sell as large an "A" battery as receiver space permits.

## "EVEREADY" "LAYER-BILT" AND "SUPER-LAYER-BILT" 45-VOLT "B" BATTERIES



The cells are flat, packed tight. Every available inch is crammed with useful, energy-producing materials. That's why there's far more power, longer life, and greater value.

Number	Type	Size
386	"Super-Layer-Bilt"	Large
485	"Layer-Bilt"	Medium
486	"Layer-Bilt"	Large
585	"Layer-Bilt"	Medium
586	"Layer-Bilt"	Large
748	"Layer-Bilt"	1½ v. "A"

90 v. "B" Pack

## "EVEREADY" "AIR CELL" "A" BATTERIES

Air depolarized, constant voltage, primary batteries—especially designed for "A" battery service. Use liquid electrolyte, but shipped dry and so undergo no depreciation until activated by filling with water.

Number	Type of Set	Capacity
A-2600	2-Volt Tubes, up to .66 amp.	600 amp. hrs.
A-2300	2-Volt Tubes, up to .66 amp.	300 "
A-1300	1.4-Volt Tubes, up to .66 amp.	300 "
SA-2600	2-Volt Tubes, up to .75 amp.	600 "



## "EVEREADY" BATTERIES LAST LONGER. ARE MORE DEPENDABLE

The words "Eveready", "Mini-Max", "Ignitor", "Columbia", "Gray Label", "Hot Shot", "Layer-Bilt", "Super-Layer-Bilt", "Air Cell" and "Sta-Way" are trade-marks identifying products of

# NATIONAL CARBON COMPANY, INC.

General Offices: New York, N. Y. • Branches: Chicago, San Francisco  
Unit of Union Carbide and Carbon Corporation

Mention Hardware Age When Writing

**HOLDERS, Christmas Tree (Continued)**

Alum Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 C. Mfg. Co., Lancaster, Pa.  
 C. Mfg. Co., Jackson, Mich. "Jiggy"  
 C. Bros., Phila., Pa. (With Water Holder)  
 (L. L.) Co., 568 Marion Av., Lima, O.  
 "Reddy"  
 Lakewood Hdw. & Fdry. Co., Littlestown, Pa.  
 Lion Tool Corp., Marion, Ind.  
 Lion Forge Co., Everett, Mass.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Neco Electric Corp., 55W. 13th, New York, N. Y.  
 "Noma"  
 Rich Bros. Mfg. Co., Phila., Pa. "Crown"  
 "Yankes"  
 S. Hdw. Co., Reading, Pa.  
 S. Hdw. Mfg. Co., Buffalo, N. Y.  
 S. Mfg. Co., Inc., 6041 Grand Av., Chicago, Ill.  
 "Little Star," "Quasi"  
 S. Bros., 2126 W. 21st Pl., Chicago, Ill.  
 "Little Giant"  
 S. Can Co., Rochester, N. Y. "Iron Horse"  
 S. (John A.) Sons Co., Trenton, N. J. "Jersey"  
 S. Mfg. Co., Toledo, O.  
 S. Pressed Steel Co., Steubenville, O.  
 "Foldo"  
 S. Sales & Mfg. Corp., 1831 N. W. 23rd Pl., Portland, Ore. "Hold-Rite"  
 S. Steel & Wire Co., Battle Creek, Mich.  
 S. Hdw. Co., Wrightsville, Pa. "Brighton"

**HOLDERS, Cleanser & Soap Flake**

S. Paeschke & Frey Co., Milwaukee, Wis.  
 "Cream City"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Garden Girl," "Nesco Kitchen Vogue"  
 Neco Metal Specialty Co., Peoria, Ill.

**HOLDERS, Clothes Line**

S. John W. Mansfield, O. "Little Abel"  
 S. Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 S. (J. C.) Mfg. Co., St. Louis, Mo. "Little Dandy"  
 S. Hardware Mfg. Co., 16 Warren, New York, N. Y. "Speedy"  
 S. Bit & Snap Co., Racine, Wis. "Hold-Tite"  
 S. Bros. Tool Mfg. Co., Port Austin, Mich.  
 S. Co., S. Milwaukee, Wis. "Tite-Line"  
 S. Mfg. Co., Milwaukee, Wis.  
 S. Hardware Mfg. Co., Sharon, Pa.  
 S. Mfg. & Engine Co., Freeport, Ill.  
 S. Metal Mfg. Co., Inc., 3923 Hudson Blvd., North Bergen, N. J. "Super"  
 S. Specialty Co., Milwaukee, Wis. "Reliable"

**HOLDERS, Cover, Pot**

United States Rubber Co., 1280 6th Av., New York, N. Y. (Rubber Covered)  
 S. Goods Mfg. Co., Inc., 1150 Bway., New York, N. Y. "Unitool"  
 Washburn Company, Worcester, Mass.

**HOLDERS, Corn-On-Cob**

S. Wire Goods Co., Niles, Mich. "Androck Deluxe"  
 Washburn Co., Worcester, Mass.

**HOLDERS, Crayon**

S. (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J. (Lumber & Solid)  
 S. Rule Co., Saginaw, Mich. (Loggers & Lumbermen)

**HOLDERS, Die—See Holders, Tap and Die**

**HOLDERS, Door**

Austral Sales Co., 101 Park Av., New York, N. Y.  
 S. Lock Wks. of Yale & Towne Mfg. Co., North Chicago, Ill.  
 S. Spring Hinge Co., 263 Classon Av., Bklyn., N. Y.  
 S. Mfg. Co., E. Rochester, N. Y.  
 S. Mfg. Co., 40 Industrial, Rochester, N. Y.  
 "Coldwell," "Empire" (Vertical and Lever Type)  
 S. Hdw. Co., Geneva, O.  
 S. Lock Co., Clinton, Ia.  
 S. Trolley Track Co., Holyoke, Mass. "Coburn"  
 S. P. & F., New Britain, Conn.  
 S. Hdw. Mfg. Co., Detroit, Mich.  
 S. Mfg. Co., Sterling, Ill.  
 S. (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 S. Johnson Corp., 1821 Berteau Av., Chicago, Ill. "Aristocrat," "Excel," "G-J," "Hercules," "Security"  
 S. Specialty Co., 3101 W. Grand Av., Chicago, Ill. "Adjust," "American," "Grand," "Master," "Mikky," "Monarch," "Peerless," "Standard," "Universal"  
 S. Mfg. Co., Erie, Pa.  
 S. (A. S.), Inc., Cleveland, O.  
 S. Brass Mfg. Co., Chicago, Ill.  
 S. Corp., 2675 N. Kildare Av., Chicago, Ill.  
 S. (H. B.) Co., New Haven, Conn.  
 S. Way Co., 26 Journal Sq., Jersey City, N. J.  
 S. (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
 S. Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

McKinney Mfg. Co., Pittsburgh, Pa.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Mfg. Co., Sterling, Ill.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 S. Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 S. Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.  
 Rawlings Co., 93 Lafayette, Newark, N. J. "Bull Dog"  
 Richards-Wilcox Mfg. Co., Aurora, Ill. "Sure Grip"  
 Rite Hdw. Mfg. Co., 502 Douillard, Los Angeles, Cal.  
 Rixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 S-Q-S Door Spring Stop Co., Milwaukee, Wis.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sager Lock Wks. of Yale & Towne Mfg. Co., N. Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Slip-Lok, Inc., 53½ W. Huron, Pontiac, Mich. "Slip-Lok"  
 Smith (Stuyvesant C.) Mfg. Co., South Bend, Ind. "Kick-Quick"  
 Stanley Wks., New Britain, Conn.  
 Steinmetz (John) Sons, 31 Evans Rd., Brookline, Mass. "Steinmetz"  
 Sterling Foundry Co., Sterling, Ill.  
 Stewart Sales Co., 608 16th, Oakland, Cal. "Stewart"  
 Superior Spring Hinge Co., 548 Lake, Chicago, Ill. "Modernistic," "Superior," "Tippit"  
 United Specialties Mfg. Co., Ltd., Richmond Hill, N. Y. "Casehold"  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**HOLDERS, Door, Garage, Barn, Etc.**

Akron-Selle Co., Akron, O.  
 Anderson Mfg. Co., Des Moines, Ia. "Tip-Top"  
 Blakely Mfg. Co., Detroit, Mich. "Sta-Open"  
 Champion Hardware Co., Geneva, O.  
 Cleveaway Mfg. Co., Cleveland, O.  
 Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
 Corbin, P. & F., New Britain, Conn.  
 Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill. "Micky," "Peerless," "Standard"  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Holden (A. S.) Inc., Cleveland, O.  
 Hutchinson & Co., Dallas, Tex. "Clo-Ope"  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill.  
 Knowlson-Stevenson Co., Ann Arbor, Mich. "A. A."  
 Koehler Tool & Mfg. Co., 820 Vermont Av., Dayton, O.  
 Lawrence Bros., Sterling, Ill.  
 Lock-Hold Mfg. Co., Cleveland, O. "Lock-Hold"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Marschke Co., 551 University Av., St. Paul, Minn.  
 Meronek Mfg. Co., Stevens Point, Wis. "Duo-Lok"  
 Metalvent Corp., 1333 W. Burleigh, Milwaukee, Wis. "Metalvent"  
 National Mfg. Co., Sterling, Ill.  
 Ney Mfg. Co., Canton, O.  
 Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.  
 Prutton (O. H.) Tool Works, 5295 W. 130th, Cleveland, O.  
 Rixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 S-B Mfg. Co., Milwaukee, Wis.  
 Sands Co., Fanwood, N. J. "Hol-Dor"  
 Scharrow Iron Products Co., Racine, Wis. "Sipco"  
 Sharon Hardware Mfg. Co., Sharon, Pa. "O. K."  
 Shelby Spring Hinge Co., Shelby, O.  
 Smith (Stuyvesant C.) Mfg. Co., South Bend, Ind. "Kick-Quick"  
 Slay Mfg. Corp., Columbus, Ind.  
 Stanley Wks., New Britain, Conn.  
 Steubenville Pressed Steel Co., Steubenville, O. "Kielo"  
 Stewart, K. D., 16773 Warwick Rd., Detroit, Mich. "Eureka"  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Superior Spring Hinge Co., 548 Lake, Chicago, Ill. "Superior"  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Western Hdw. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Spring Grip"

**HOLDERS, Drill**

Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
 Rawplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawplug"

**HOLDERS, Extension Bit—See Extensions, Bit**

**HOLDERS, File, Attachment**

Leitzke, Rein, Beaver Dam, Wis. "Leitzke" (For Sharpening and Retouching Lawn Mowers)  
**HOLDERS, FLAG—See Brackets, Pole, Flag**

**HOLDERS, Fishing Rod**

Ideal Mfg. Co., Fredericksburg, Va. "Haislip's"

**HOLDERS, Flashlights**

Alexander Specialty Mfg. Co., Paris, Tex.  
 Bond Electric Corp., New Haven, Conn. "Bond"

Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast"  
 Kastar Specialty Mfg. Co., Inc., 610 6th Av., New York, N. Y.  
 Kingadget, Woodstock, N. Y.  
 National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Eveready"  
 Ray-O-Vac Co., Madison, Wis.  
 Wald Mfg. Co., Inc., Maysville, Ky.

**HOLDERS, Flower**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 Beagle Mfg. Co., 844 W. Atlanta, Altadena, Cal.  
 "Little Wonder"  
 Carpenter (E. W.) Mfg. Co., 1666 Railroad Av., Bridgeport, Conn. "Artistic," "Garden Club"  
 Eagle Mfg. Co., Wellsburg, W. Va.  
 Gogel (Walter A.) Co., 288 S. Erie, Toledo, O.  
 Hampden Mfg. Co., Plainfield, N. J. "Lo-Bowl"  
 Kant-Tip Mfg. Co., 720 Mission, San Francisco, Cal. "Kant-Tip"  
 Patent Novelty Co., Inc., Fulton, Ill.  
 Powell Pressed Steel Co., Hubbard, O.  
 Seed Filter & Mfg. Co., Inc., 343 Bway., New York, N. Y. "Seeco"

**HOLDERS, Garage Door—See Holders, Door, Garage, Barn, Etc.**

**HOLDERS, Hat**

Denning Mfg. Co., 1783 E. 87th, Cleveland, O. (Church Pews, Bus, Airplane, Etc.)  
 Flower City Spec. Co., Rochester, N. Y. (Auto.) "Duplex"  
 Knappe-Vogt Mfg. Co., Grand Rapids, Mich. "K-Venience"  
 Peerless Novelty Co., 105 Fulton, Grand Haven, Mich.  
 Safety Auto Hat Rack Co., Inc., 41 Astor Pl., New York, N. Y.  
 Stanley Wks., New Britain, Conn. "Sure-Grip"

**HOLDERS, Hook, Fish**

Buicke (H. C.) & Sons, 1054 Niagara Falls Blvd., North Tonawanda, N. Y.  
 Collins Supply & Equipment Co., Scranton, Pa.  
 DeWitt (Bill) Div. Shoe Form Co., Inc., Auburn, N. Y.  
 Enterprise Mfg. Co., Dept. H A, Akron, O. "Skid-no," "Stickette"  
 Horrocks-Ibbotson Co., Utica, N. Y.

**HOLDERS, Hose**

Akron-Selle Co., Akron, O.  
 Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill. "Sykes"  
 Anker-Holth Mfg. Co., Inc., 2700 Conner, Port Huron, Mich. "Flex-Nek"  
 Gardener's Friend Co., Div. of Cooke-Roberts Corp., Orange, Mass. "Handy"  
 Heckethorn Mfg. & Supply Co., Littleton, Colo.  
 Hozon Co., Warrensville, O. "Deluxe Handy"  
 "Handy"  
 Meier Electric & Machine Co., 3525 E. Washington, Indianapolis, Ind. "Ajusto"  
 Praeger Hdw. Co., San Antonio, Tex. "Dainty"  
 Roebeling's (John A.) Sons Co., Trenton, N. J.  
 Ross Sprinkler Co., 34 Roberts, Pasadena, Cal.  
 Safety Globe & Mfg. Co., Columbus, O. "Handy"  
 Scharrow Iron Products Co., Racine, Wis. "Hanley"  
 Staley Mfg. Corp., Columbus, Ind.  
 Wright Products Mfg. Corp., 2101 Kennedy, N. E., Minneapolis, Minn. "Hospray"

**HOLDERS, Hot Pot—See Lifters, Cooking Utensil**

**HOLDERS, Jar—See Lifters, Jar**

**HOLDERS, Kitchen Knife**

Cobbs-Hamilton Co., 8th & Park, Des Moines, Ia.  
**HOLDERS, Knurling—See Tools, Knurling**  
**HOLDERS, Luggage—See Carriers, Luggage**

**HOLDERS, Match Box**

Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brasscrafters"  
 Washburn Company, Worcester, Mass.

**HOLDERS, Milk Bottle**

Drake (A. W.) Mfg. Co., Hazleton, Pa.  
 King (R.) Mfg. Co., Wellston, O. "Safe-Lok"  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Patent Novelty Co., Fulton, Ill.  
 Stanley Wks., New Britain, Conn.  
 United Steel & Wire Co., Battle Creek, Mich.  
 Washburn Company, Worcester, Mass.

**HOLDERS, Milk Can**

Handy-Mandy Products Co., Johnstown, Pa. (Combination Holder & Opener)

**HOLDERS, Mop—See Sticks and Holders, Mop**

**HOLDERS, Nipple**

Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
 Curtis & Curtis Co., Bridgeport, Conn.

**HOLDERS, Nozzle**

Anker-Holth Mfg. Co., Inc., 2700 Conner, Port Huron, Mich. "Flex-Nek"  
 Safety Globe & Mfg. Co., Columbus, O. "Handy"  
 Staley Mfg. Corp., Columbus, Ind.



# Cash in on Shelby's-

## "PICTURE NEWS"



### ... "Biggest Merchandising Idea In Bicycle History!"

A tabloid size newspaper—every line about bicycles and bicycling—printed in 4 colors. Dealers use it as a hand-out piece, mail it, display it. And kids love it! No wonder it's called the industry's best sales help.

## NATIONAL MAGAZINE ADVERTISING



### PLUS—

Sales Helps Including . . .  
POSTERS  
6-COLOR CATALOG  
SHOW WINDOW  
"ACTION DISPLAY"  
FREE NEWSPAPER MATS  
WRITE TODAY FOR  
DEALER PLAN

... 2,770,140 Messages In 1940!

In 1940—Shelby's advertising campaign in national youth magazines will total 2,770,140 printed messages! Summed up . . . Shelby builds a luxury-styled, quality bike. You get it at a price that gives you a full profit margin. You get plenty of practical, effective selling help.

### THE SHELBY CYCLE CO., SHELBY, OHIO

Eastern Distributor • Jonas B. Oglend, Inc., 12 Warren St., N. Y. C.  
New York Show Room • 1107 Broadway  
Western Plant & Sales Office • 29th & Naomi Streets, Los Angeles

**"Best Bicycle Buy" Shelby Best Bike To Sell**

An Unbeatable  
Profit Maker For You!  
**SKILSAW  
"ROTOGLIDE"  
RENTAL SANDER**  
needs less attention...light,  
compact, trouble-free!



SKILSAW "ROTOGLIDE" Sander is the finest machine you can offer to the rental customer—it is easy to handle, requires no attention, produces a perfectly smooth ripple-free surface—yet it has full professional capacity of 2300 feet of sandpaper on floor per minute! Ideal for home-owners, contractors, janitors, painters. Popularly priced, it pays for itself quickly and goes on making profits for you for years to come!

### Increase Your Store Traffic and Sales!

By offering the SkilSaw "ROTOGLIDE" Sander, you will attract new customers and increase your business in varnish, shellac, wax, files, brushes, sanding paper, etc. We furnish you with free circulars, newspaper mats, and a complete "sure-fire" merchandising plan that is making money for hardware dealers everywhere!

Built by America's Leading Quality Tool Manufacturer

### SKILSAW, INC.

4763 Winnemac Avenue, Chicago

36 East 22nd St., New York—182 Main St., Buffalo—52 Brookline Ave., Boston—15 S. 21st St., Philadelphia—2124 Main St., Dallas—918 Union Street, New Orleans—1253 South Flower Street, Los Angeles—2055 Webster Street, Oakland—29 North Ave., N.W., Atlanta—Canadian Branch: 85 Deloraine Ave., Toronto.



**45 SECONDS TO CHANGE PAPER!** Powerful motor can carry an overload 50% above its rated capacity. Drum and motor bearings lubricated for life and sealed, need no attention.

**TROUBLE-FREE SERVICE!** Powerful motor can carry an overload 50% above its rated capacity. Drum and motor bearings lubricated for life and sealed, need no attention.

**EASY TO HANDLE!** Just the right weight. Two fingers on handle are all you need to guide the machine—slight downward pressure feathers off drum.

ASK YOUR JOBBER ABOUT "SKILSAW'S" PROFIT-BUILDING PLAN  
SkilSaw "ROTOGLIDE" Floor Sander is Sold Only Through Hardware Jobbers

Mention Hardware Age When Writing

**HOLDERS, Pipe, Stove**

Ne's Stove Pipe Holder Co., 317 Wall, Seattle, Wash.

**HOLDERS, Price Card, Open Counter**

Case  
W. C. & Co., 700 Bryant, Montpelier, O.  
Press, Inc., 460 W. 34th, New York, N. Y.  
Hardware Corp., Western Av. & 22nd  
Place, Chicago, Ill.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**HOLDERS, Price Ticket**

Penning, H. A., Westerly, R. I. "Manson's"  
Mfg. Co., Plainfield, N. J. "Twin-Grip"  
W. C. & Co., 700 Bryant, Montpelier, O.  
Press, Inc., 460 W. 34th, New York, N. Y.  
Hardware Corp., Western Av. & 22nd  
Place, Chicago, Ill.  
Hartlake (J. B.) & Sons, Jackson, Mich.  
Universal Equipment Co., 3601 Arthington, Chi-  
cago, Ill.  
Warren (J. D.) Mfg. Co., Montpelier, O.  
"Wilkey"

**HOLDERS, Sample**

W. C. & Co., 700 Bryant, Montpelier, O.  
Universal Equipment Co., 3601 Arthington, Chi-  
cago, Ill.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**HOLDERS, Sand Paper**

Mason's Tool Mfg. Co., Rochester, N. Y.  
Novelty Co., Fulton, Ill. "Fulton"  
Smith (Landon P.), Inc., 130 Coit, Irvington, N. J.  
"Red Devil"  
Toolcraft Corp., 1032 W. Fulton, Chicago, Ill.  
"Handy Sander"

**HOLDERS, Sash**

Sash Holder Co., Lexington, Mo.  
Vilcox-Crittenden & Co., Inc., 77 S. Main, Middle-  
town, Conn.

**HOLDERS, Saw—See Teeth and Holders, Saw****HOLDERS, Screen**

Sandbrook, A., 170 East Side Parkway, Newton,  
Mass. "Sandbrook Universal"

**HOLDERS, Soap—See Dishes, Soap****HOLDERS, Steel Wool**

Wool Mfg. Co., 205 Water, Bklyn., N. Y.  
Wool of America, 220 Fifth Av., New York,  
N. Y. "Surhold"  
Rubber Mfg. Co., Baltimore, Md. "Kitchen  
Kompakt"  
Smith (Landon P.), Inc., 130 Coit, Irvington, N. J.  
"Red Devil"  
Roster Rubber Co., Wooster, O. "Rubbermaid"

**HOLDERS, Suit Case—See Carriers, Luggage****HOLDERS, Surface File**

W. G. G., 13 Penfield, Buffalo, N. Y. "Hy-Tool"  
Saw Brothers Co., 865 Mt. Prospect Av., Newark,  
N. J.  
Nicholson File Co., Providence, R. I.  
Handvik Saw & Tool Corp., 47 Warren, New York,  
N. Y. (Swedish)

**HOLDERS, Tail, Cow**

Moore Bros. Corp. of Albany, 83 Green, Albany,  
N. Y.  
Hansen Iron Wks., Sioux Rapids, Ia. "So-Boss"  
Fagner Specialty Co., Burlington, Wis. "Kant Kik"

**HOLDERS, Tap and Die**

Abroad-Polk Tool Co., Millersburg, Pa.  
Bardons & Oliver, Cleveland, O.  
By State Tap & Die Co., Mansfield, Mass.  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Butlerfield & Co., Div., Union Twist Drill Co., Derby  
Line, Vt.  
Lind (S. W.) Mfg. Co., Div., Union Twist Drill Co.,  
Mansfield, Mass.  
Clampson Blower & Forge Co., Lancaster, Pa.  
Garing Tool Co., 1829 W. Lafayette Blvd., Detroit,  
Mich. "Gartool"  
Geometric Tool Co., New Haven, Conn.  
Greenfield Tap & Die Corp., Greenfield, Mass. "G  
T D"  
Hanson (Henry L.), Inc., 25 Union, Worcester,  
Mass. "Ace"  
Meyers Falls Co., Greenfield, Mass.  
More Twist Drill & Mach. Co., New Bedford, Mass.  
Pratt & Whitney Co., Hartford, Conn.

**HOLDERS, Toilet Paper**

(See also Fixtures and Furnishings, Bathroom)  
A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chi-  
cago, Ill.  
A. P. W. Paper Co., Albany, N. Y. "Onliwon"  
Arme Metal Goods Mfg. Co., 2 Orange, Newark,  
N. J.  
American Enameled Products Co., Waukesha, Wis.  
"Sno-Wite"  
Art Brass Co., 151 E. 126th, New York, N. Y.  
Autoyre Co., Oakville, Conn.  
Baker (S. D.) Mfg. Co., 234 W. 14th, New York,  
N. Y. "Attacho," "China Royal," "Samsonchina"

Bay Ridge Specialty Co., Inc., Trenton, N. J. "Set-  
trown, Jr."

Brey-Krause Mfg. Co., Allentown, Pa. "Colonial."  
"De Luxe Mayflower," "New Mayflower," "Plym-  
outh," "Plymouth Junior," "Wm. Penn."  
Brilliant Glass Products, Inc., Weston, W. Va.  
"Westite"

Conant Bros., Somerville, Mass.  
Corbin, P. & F., New Britain, Conn.  
Demkin Mfg. Co., 101 Salzburg Av., Bay City,  
Mich. "Demkin"

Ely Mfg. Co., Girard, Pa.  
Ennis Mfg. Co., Reading, Pa.  
Erie City Mfg. Co., Erie, Pa.  
Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brass-  
crafters"

Foley Paper Co., Springfield, Mass.  
Hallenscheid & McDonald, 1344 W. Wash. Blvd.,  
Los Angeles, Cal. "Hall-Mark"  
Handy Things Mfg. Co., Ludington, Mich.  
Hoegger, Inc., 859 Communipaw Av., Jersey City,  
N. J. "Tyteset"

Judd (H. L.) Co., Inc., Wallingford, Conn.  
Landers, Frary & Clark, New Britain, Conn. "Uni-  
versal"

Miami Cabinet Div., Philip Carey Co., Middletown,  
O. "Miami-Carey"  
Michigan Metal Products Co., Battle Creek, Mich.  
Peerless Novelty Co., 105 Fulton, Grand Haven,  
Mich.

Plume & Atwood Mfg. Co., Waterbury, Conn.  
Pocono Metal Mfg. Co., East Stroudsburg, Pa.  
Robinson (E. L.) Co., 2303 Glen Ellyn Pl., Okla-  
homa City, Okla. "Handy Hang"

Russell (Jno. M.) Mfg. Co., Naugatuck, Conn.  
Shelby Metal Products Co., Shelby, O.  
Shelby Spring Hinge Co., Shelby, O. "Satin," "Silk"  
Southington Hdw. Co., Southington, Conn.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
Stover Mfg. & Engine Co., Freeport, Ill.

United Wire Goods Mfg. Co., Inc., 1150 Bway., New  
York, N. Y. "Ivory"  
Washburn Company, Worcester, Mass. "Natwire"  
Willette Corp. of New Jersey, New Brunswick,  
N. J. "Stae Fast"

Winkler Metal Ware Co., Inc., 17 Rush, B'klyn.,  
N. Y. "Capitol"

**HOLDERS, Tool, Lathe, Planer, Drill, Etc.**

Armstrong Bros. Tool Co., 300 N. Francisco Av.,  
Chicago, Ill.

Bay State Tap & Die Co., Mansfield, Mass.  
Clark Equip. Co., Buchanan, Mich.

Cleveland Twist Drill Co., Lakeside Av. & E. 49th,  
Cleveland, O.

Flynn Mfg. Co., 433 Bates, Detroit, Mich.  
Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit,  
Mich. "Gartool"

Gisholt Mach. Co., Madison, Wis.  
Lovejoy Tool Co., Springfield, Vt.

O. K. Tool Holder Co., Shelton, Conn.  
Pratt & Whitney Co., Hartford, Conn.

Ready Tool Co., Bridgeport, Conn. "Red-E"  
Scully-Jones & Co., Chicago, Ill.

Western Tool & Mfg. Co., Springfield, O. "Champion"  
Williams (J. H.) & Co., 225 Lafayette, New York,  
N. Y. "Agrippa"

**HOLDERS, Tooth Brush**

American Aluminum Ware Co., 374 Jelliff Av., New-  
ark, N. J. "Peerless"

American Enameled Products Co., Waukesha, Wis.  
"Sno-Wite"

Art Brass Co., 151 E. 126th, New York, N. Y. "San-  
o-la"

Autoyre Co., Oakville, Conn.  
Baker (S. D.) Mfg. Co., 234 W. 14th, New York,  
N. Y. "Attacho," "China Royal," "Samsonchina"

Brey-Krause Mfg. Co., Allentown, Pa. "Colonial,"  
"De Luxe Mayflower," "New Mayflower," "Plym-  
outh," "Plymouth Junior," "Wm. Penn"

Brilliant Glass Products, Inc., Weston, W. Va.  
"Westite"

Demkin Mfg. Co., 101 Salzburg Av., Bay City,  
Mich. "Demkin"

Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brass-  
crafters"

Hallenscheid & McDonald, 1344 W. Wash. Blvd.,  
Los Angeles, Cal. "Hall-Mark"

Handy Things Mfg. Co., Ludington, Mich.  
Hoegger, Inc., 859 Communipaw Av., Jersey City,  
N. J. "Tyteset"

Landers, Frary & Clark, New Britain, Conn. "Uni-  
versal"

Miami Cabinet Div., Philip Carey Co., Middletown,  
O. "Miami-Carey"

National Sheet Metal Co., Peru, Ill.  
Peerless Novelty Co., 105 Fulton, Grand Haven,  
Mich.

Plume & Atwood Mfg. Co., Waterbury, Conn.  
Pocono Metal Mfg. Co., East Stroudsburg, Pa.

Racine Iron & Wire Wks., Racine, Wis.  
Res Mfg. Co., Milwaukee, Wis.

Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.

United Wire Goods Mfg. Co., Inc., 1150 Bway., New  
York, N. Y. "Ivory"

Vineland Flint Glass Wks., Vineland, N. J.  
Washburn Company, Worcester, Mass. "Natwire"

Willette Corp. of New Jersey, New Brunswick,  
N. J. "Stae Fast"

**HOLDERS, Tumbler**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chi-  
cago, Ill.

American Enameled Products Co., Waukesha, Wis.  
"Sno-Wite"

Autoyre Co., Oakville, Conn.

Baker (S. D.) Mfg. Co., 234 W. 14th, New York,  
N. Y. "Attacho," "China Royal," "Samsonchina"

Brey-Krause Mfg. Co., Allentown, Pa. "Colonial,"  
"De Luxe Mayflower," "New Mayflower," "Plym-  
outh," "Plymouth Junior," "Wm. Penn."

Brilliant Glass Products, Inc., Weston, W. Va.  
"Westite"

Demkin Mfg. Co., 101 Salzburg Av., Bay City,  
Mich. "Demkin"

Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brass-  
crafters"

Handy Things Mfg. Co., Ludington, Mich.  
Hoegger, Inc., 859 Communipaw Av., Jersey City,  
N. J. "Tyteset"

Landers, Frary & Clark, New Britain, Conn. "Uni-  
versal"

Miami Cabinet Div., Philip Carey Co., Middletown,  
O. "Miami-Carey"

Peerless Novelty Co., 105 Fulton, Grand Haven,  
Mich.

Plume & Atwood Mfg. Co., Waterbury, Conn.  
Pocono Metal Mfg. Co., East Stroudsburg, Pa.

Racine Iron & Wire Wks., Racine, Ill. "Unique"  
Reynolds Spring Co., Molded Plastics Div., Jack-  
son, Mich. "Bonny Ware"

Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.

Washburn Company, Worcester, Mass. "Natwire"  
"White Steel" Sanitary Furniture Co., Grand Rapids,  
Mich.

Willette Corp. of New Jersey, New Brunswick,  
N. J. "Stae Fast"

**HOLDERS, Twine**

Anstice (Josiah) & Co., Rochester, N. Y. "Sensible"

Arcade Mfg. Co., Freeport, Ill.  
Bulman (E. O.) Mfg. Co., Inc., Grand Rapids, Mich.

Grey Iron Casting Co., Mt. Joy, Pa.  
January & Wood Co., Mayville, Ky. "Hometies"

Ritter-Carlton Co., Inc., 373 4th Av., New York,  
N. Y. "Yarn Girl," "Yarn Maid"

Washburn Company, Worcester, Mass.

**HOLDERS, Utensil, Kitchen**

Cobbs-Hamilton Co., 8th & Park, Des Moines, Ia.  
"Ever-Ready"

**HOLDERS, Wood**

Backus (A.) Jr. & Sons, Detroit, Mich.  
Chattanooga Implement & Mfg. Co., Chattanooga,  
Tenn. "Royal"

Cutter Mfg. Co., 12 Ames, Cambridge, Mass.  
Howes (S. M.) Co., Boston, Mass.

Peerless Mfg. Co., Louisville, Ky.

**HOLDFASTS**

Bucabel Tool Mfg. Co., Inc., 220 Adams, Brooklyn,  
N. Y.

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn.,  
N. Y.

**HOLLOW AUGERS—See Augers, Hollow**

**HOLLOW CHISELS—See Chisels, Mortising, Hollow**

**HOLLOW HANDLE TOOL SETS—See Sets, Tool, Hollow Handle**

**HOLLOW PUNCHES—See Punches, Hollow**

**HOLLOW SET SCREW WRENCHES—See Wrenches, Screw, Hollow Set**

**HOLLOW SET SCREWS—See Screws, Set, Hollow, Safety**

**HOLLOW SILVER PLATED TABLE WARE—See Ware, Table, Hollow, Silver Plated**

**HOLLOW WARE—See Ware, Hollow, Cast Iron**

**HOLSTER BELTS—See Belts, Holster**

**HOLSTERS**

Brauer Bros., Inc., St. Louis, Mo. "Snapp-Off"

Bucheimer (J. M.) Co., Towson, Md.  
Collis (H. J.) Mfg. Co., Taunton, Mass.

Graton & Knight Co., Worcester, Mass.  
Harpham Bros. Co., Lincoln, Neb.

Heiser (Herman H.) Saddlery Co., Denver, Col.  
Lawrence (George) Co., Portland, Ore.

Lefkowitz (Louis) & Bros., Inc., 25 Water, New  
Brunswick, N. J.

Red Head Brand Co., Chicago, Ill.  
Rome Sporting Goods Mfg. Co., Rome, N. Y.

Smith-Worthington Saddlery Co., Hartford, Conn.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**HOLSTERS, Toy**

Arrow Novelty Co., 62 W. 14th, New York, N. Y.

Kenton Hdw. Co., Kenton, O.  
Keystone Bros., 755 Mission, San Francisco, Cal.

Morand (A. C.) Corp., 202 Green, San Francisco,  
Cal.

Western Mfg. Co., 149 9th, San Francisco, Cal.

**HOME CRAFT ACCESSORIES & EQUIPMENT—See Accessories & Equipment, Homecraft**

**HOME CRAFT ELECTRIC SURFACE PLANERS—See Planers, Surface, Electric, Homecraft**

**HOME CRAFT ELECTRIC TOOLS—See Tools, Homecraft, Electric; see also article desired**

**HOME CRAFT WOODWORKING MACHINERY—See Machinery, Woodworking, Homecraft**

**HOME PLATES—See Plates, Home**

**HOMEWORKSHOP ACCESSORIES & EQUIP-  
MENT—See Accessories & Equipment, Homecraft**

**HOMEWORKSHOP EQUIPMENT—See Tools, Homecraft, Electric; see also article desired**



## CONCENTRATE ON GOODYEAR

Now's the time to decide to concentrate on one brand of hose—Goodyear—if you want your full share of hose profits next season. All Goodyear hose carries tough, long-wearing covers of specially compounded rubber over stout carcasses reinforced with strong cotton cords.

1. **SUPERTWIST\* CORD HOSE**—A lightweight yet extremely durable hose that even women and children can handle easily. Brown cover. Made with a reinforcement of the famous Supertwist cord.
2. **GLIDE\* CORD HOSE**—A good hose at a moderate price. Ribbed red cover. Molded hose, reinforced with heavy double-braided cotton cords. Also available with black cover.
3. **PATHFINDER\* CORD HOSE**—High quality at low price. Green cover. Heavy, single-braid, cotton-cord reinforcement. Also furnished with black cover.
4. **OAK\* GARDEN HOSE**—Designed expressly for the low-price market. Single-braid, cotton-cord reinforcement, corrugated dark brown cover.

\*T.M.'s The Goodyear Tire & Rubber Company

**W**HEN it comes to choosing a line of garden hose, you're the dealer.

And for once you've a right to shuffle the cards, cut them—and deal yourself *four aces!*

Because Goodyear hose decks you out with them—all trumps. So it doesn't matter *who* calls.

There's the man who wants the best hose money can buy. And the customer who asks for more than his share of quality for

the least possible money. Then there are the "middlemen"—they want "light hose," or one that's "easy to handle," or "something tough" for a small sum.

The point is this—

Goodyear quality is *ace-high*, and everybody knows it. So when you can say "this is Goodyear hose"—you just don't need anything else.

Because nobody ever even *tied* these four aces!

THE GREATEST NAME IN RUBBER  
**GOODYEAR**

Mention Hardware Age When Writing

Google



**HOME WORKSHOP VISES**—See Vises, Garage & Household

### HONES, Pocket

Behr-Manning Corp., Troy, N. Y. "Arkansas," "Fastcut," "India," "Quickcut," "Washita"  
Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Beron," "Berex"  
Carborundum Co., Niagara Falls, N. Y. "Carborundum"  
U. S. Abrasive Products, Inc., 1330 Jackson Blvd., Chicago, Ill. "Royal"  
Victor Tool Co., 300 Chapel Terrace, Reading, Pa.

### HONES, Razor

American Hone Co., Olean, N. Y. "Exide," "Frictionite"  
Behr-Manning Corp., Troy, N. Y. "Ezy Edge," "Granite," "Koenig," "Norton," "Pike Combination," "Strop Hone"  
Carborundum Co., Niagara Falls, N. Y. "Aloxite," "Carborundum"  
Cutterang Cutlery Co., Little Valley, N. Y.  
Goodrich Grinding Wheel Co., Chicago, Ill. "Goodrich," "Rajah," "So-Ezy"  
U. S. Abrasive Products, Inc., 1330 Jackson Blvd., Chicago, Ill. "Rex-o-Hone," "Royal"  
Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Master," "Nu Edge"

### HOODS, Electric Lamp

Reynolds Electric Co., 2650 W. Congress, Chicago, Ill. "Reco Daylite"

### HOODS, Range, Gas, Ventilating

Vent-A-Hood Co., 2808 Commerce, Dallas, Tex. "Vent-A-Hood"

**HOOK and EYE HINGES**—See Hinges, Hook and Eye

**HOOK and EYE SCREWS**—See Screws, Hook and Eye

**HOOK AND LADDER TRUCK TOY**—See Trucks, Ladder Toy

**HOOK and STRAP HINGES**—See Hinges, Hook and Strap

**HOOK EXTRACTORS**—See Extractors, Hook

**HOOK HEAD BOLTS**—See Bolts, Hook Head

**HOOK RULES**—See Rules, Hook

### HOOKAROONS

American Logging Tool Co., Evert, Mich.  
Peavey Mfg. Co., Brewer, Me.  
Warren Axe & Tool Co., Warren, Pa.

**HOOKS, Bath Robe**—See Hooks, Coat and Hat

### HOOKS, Belt

(See also Fasteners, Belt)  
Armstrong-Bray & Co., 304 N. Loomis, Chicago, Ill. "Sure-grip"  
Bristol Co., Waterbury, Conn.  
Clipper Belt Lacer Co., Grand Rapids, Mich.  
Greene, Tweed & Co., 101 Park Av., New York, N. Y. "Moran's"  
Hindley Mfg. Co., Valley Falls, R. I.  
Jackson (Isaac) Belt Fastener Co., 18 Vesey, New York, N. Y.  
Manufacturers Belt Hook Co., 1317 W. Congress, Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Sawyer Belt Hook Co., Pawtucket, R. I. "Potter," "Sawlico," "Sawyer"  
Thacher Belt Hook Co., Pawtucket, R. I.  
Washburn Co., Worcester, Mass.

**HOOKS, Bench**—See Stops, Bench

### HOOKS, Berry

Bartlett Mfg. Co., 3084 E. Grand Blvd., Detroit, Mich.  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Tiffany, Carroll B., Conklin, N. Y.

### HOOKS, Boat

Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
Maine Steel, Inc., So., Portland, Me. "Hex-M"  
Neptune Hdw. Mfg. Co., 70 Duane, New York, N. Y.  
Peavey Mfg. Co., Brewer, Me.  
Peoria Malleable Casting Co., Peoria, Ill. "Peoria"  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

**HOOKS, Box**—See Hooks, Cotton, Box, Hay, Etc.

### HOOKS, Bush

Collins Co., Collinsville, Conn. "Collins Legitimate"  
Council Tool Co., Wabanish, N. C. "Council"  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Fraser" (British)  
Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Blood's," "Kelly Standard," "Perfect"  
North Wayne Tool Co., Oakland, Me. "Earle Special," "Little Giant," "Nowatoco"  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

Pender Mfg. & Supply Co., Raleigh, N. C. "Briar-chaser," "Brushkiller," "Bushwakker," "Shrub-snipper"  
Plumb (Fayette R.), Inc., Phila., Pa.  
Rixford Mfg. Co., East Highgate, Vt.  
Victor Tool Co., 300 Chapel Terrace, Reading, Pa.  
Wadsworth (David) & Son, Box 610, Auburn, N. Y. "Royal Trimmer"

### HOOKS, Cabin Door

Adams & Westlake Co., Chicago, Ill.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J. "J. H. W."  
Corbin, P. & F., New Britain, Conn.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa. Kell (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Rawlings Co., 93 Lafayette, Newark, N. J.  
Reading Hardware Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Slaymaker Lock Co., Lancaster, Pa.  
Stanley Works, New Britain, Conn.  
Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"  
Yale & Towne Mfg. Co., Stamford, New York.

### HOOKS, Cage, Bird

Atkinson Mfg. Co., Ludington, Mich. "ATK"  
Corbin, P. & F., New Britain, Conn.  
Gaffney (Jas. A.) Co., 157 Chambers, New York, N. Y.  
Hendryx (Andrew B.) Co., New Haven, Conn.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Merrill Mfg. Corp., 106 Genesee, Merrill, Wis.  
Parker Metal Goods Co., Worcester, Mass.  
Parker Wire Goods Co., Worcester, Mass.  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Penn Hardware Co., Reading, Pa.  
Pratt (Wm.) Mfg. Co., Chicago, Ill.  
Turner & Stanton Co., Norwich, Conn.  
Washburn Company, Worcester, Mass.  
Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.  
Winsted Hdw. Mfg. Co., Winsted, Conn.

### HOOKS, Cant

American Logging Tool Co., Evert, Mich.  
Bonney Forge & Tool Wks., Allentown, Pa.  
Columbus Handle & Tool Div., American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Council Tool Co., Wabanish, N. C. "Council"  
Dicke Tool Co., Downers Grove, Ill.  
Dixie Logging Tool Co., Chattanooga, Tenn.  
Lensch Co., Oshkosh, Wis. "Oshkosh"  
Peavey Mfg. Co., Brewer, Me.  
Prouty (C.) & Co., Eldred, Pa.  
Sheldon Handle Co., Malvern, Ark.  
Snow & Nealley Co., Bangor, Me. "Our Best"  
Standard Saw Mill Mch. Co., Erie, Pa.  
Warren Axe & Tool Co., Warren, Pa. "Bull Dog"  
Williams Mfg. Co., Macon, Ga.

### HOOKS, Ceiling

Atlas, Ansonia Co., New Haven, Conn.  
Corbin, P. & F., New Britain, Conn.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Ives (H. B.) Co., New Haven, Conn.  
Kell (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Parker Wire Goods Co., Worcester, Mass.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Shelby Spring Hinge Co., Shelby, O.  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Ivory," "Unitool"  
Washburn Company, Worcester, Mass.

### HOOKS, Chain

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
American Logging Tool Co., Evert, Mich.  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
Cleveland Chain & Mfg. Co., Cleveland, O.  
Diamond Calk & Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
Dixie Logging Tool Co., Chattanooga, Tenn.  
Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"  
Hess (Chas.) Co., 49-14 Metropolitan Ave., Bklyn., N. Y.  
Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
International Chain & Mfg. Co., York, Pa. "Campbell"  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
McKay Company, McKay Bldg., Pittsburgh, Pa.  
Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
Peavey Mfg. Co., Brewer, Me.  
Peerless Chain Co., Winona, Minn.  
Phoenix Manufacturing Company, Joliet, Ill. "Phoenix"  
Snow & Nealley Co., Bangor, Me. "Our Best"  
Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Warren Axe & Tool Co., Warren, Pa. "Bull Dog"  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
Wilcox, D. Mfg. Co., Mechanicsburg, Pa.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan"

### HOOKS, Clam

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Briddell (Chas. D.), Inc., Crisfield, Md. "Briddell"  
Union Fork & Hoe Co., Columbus, O. "Union"

### HOOKS, Clinker

Farrell-Cheek Steel Co., Sandusky, O.  
Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
Leetonia Tool Co., Leetonia, O.  
National Tool Co., 90 Walker, New York, N. Y.

### HOOKS, Clothes Line

Acorn Mfg. Co., Inc., New Haven, Conn. "Risto-Krat"  
Brooks (M. S.) & Sons, Chester, Conn.  
Champion Hardware Co., Geneva, O.  
Colonial Bronze Co., Fairmont Av., Torrington, Conn.  
Corbin, P. & F., New Britain, Conn.  
Jencks (E.) Mfg. Co., Worcester, Mass.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Lake Mfg. Co., Clarendon, Va. "Little Wonder"  
Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill. "Easy Knot"  
Lawrence Bros., Sterling, Ill.  
Malleable Iron Fittings Co., Branford, Conn. "M. I. F. Co."  
Mayes Bros. Tool Mfg. Co., Port Austin, Mich.  
Merrill Mfg. Corp., Merrill, Wis.  
Parker Metal Goods Co., Worcester, Mass.  
Parker Wire Goods Co., Worcester, Mass.  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Penn Hardware Co., Reading, Pa.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Reading Hardware Corp., Reading, Pa.  
Ritch & Pidge Mfg. Co., Falconville, N. Y. "Peerless"  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Sargent & Co., New Haven, Conn.  
Schartow Iron Products Co., Racine, Wis. "Anchor"  
Stover Mfg. & Engine Co., Freeport, Ill.  
Susquehanna Casting Co., Wrightsville, Pa.  
Tie Co., Unadilla, N. Y. "Hold Fast"  
Washburn Company, Worcester, Mass.

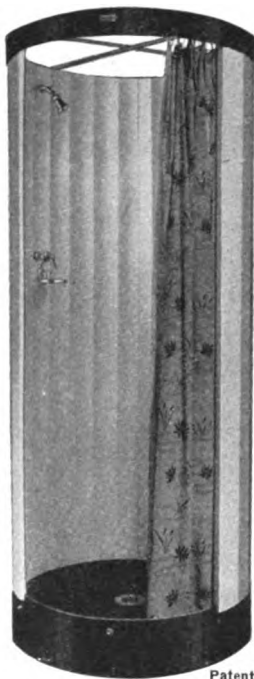
### HOOKS, Coat and Hat

American Brass Goods Co., Grand Rapids, Mich.  
American Enameled Products Co., Waukesha, Wis. "Sno-White"  
Atlas-Ansonia Co., New Haven, Conn.  
Autoyre Co., Oakville, Conn. "All-Purpose"  
Backus Novelty Co., Smethport, Pa. (Locking)  
Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Bassick Co., Bridgeport, Conn.  
Bommer Spring Hinge Co., 263 Classon Av., Bklyn., N. Y.  
Brainerd Mfg. Co., East Rochester, N. Y.  
Brey-Krause Mfg. Co., Allentown, Pa. "Colonial"  
"De Luxe Mayflower," "New Mayflower," "Plymouth," "Plymouth Junior," "Wm. Penn"  
Brilliant Glass Products, Inc., Weston, W. Va. "Westite"  
Champion Hdw. Co., Geneva, O.  
Chapman (W. H.) Co., Middletown, Conn.  
Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill.  
City Plating & Mfg. Co., St. Louis, Mo.  
Clinton Lock Co., Clinton, Ia.  
Colonial Bronze Co., Fairmont Av., Torrington, Conn.  
Columbus Brass Co., Columbus, O.  
Corbin Cabinet Lock Co., New Britain, Conn.  
Corbin, P. & F., New Britain, Conn.  
Demkin Mfg. Co., 101 Salzburg Av., Bay City, Mich. "Demkin"  
Dent Hardware Co., Fullerton, Pa.  
Earle Hardware Mfg. Co., Reading, Pa.  
Erie Art Metal Co., Erie, Pa.  
Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brasscrafters"  
Evans, W. L., Washington, Ind.  
Frantz Mfg. Co., Sterling, Ill.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Gordon Mfg. Co., 110 E. 23rd, New York, N. Y. "Sticktite"  
Grey Iron Casting Co., Mt. Joy, Pa.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Ives (H. B.) Co., New Haven, Conn.  
Jencks (E.) Mfg. Co., Worcester, Mass. "Crescent," "Invisible"  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Kason Hdw. Corp., 127 Wallabout, Bklyn., N. Y.  
Kell (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Lawrence Bros., Sterling, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Milwaukee Stamping Co., Milwaukee, Wis. (Combination Door Bumper)  
National Brass Co., Grand Rapids, Mich. "Dexter"  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Parker Wire Goods Co., Worcester, Mass.  
Payson Mfg. Co., Chicago, Ill.  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Peerless Novelty Co., 105 Fulton, Grand Haven, Mich.  
Penn Hardware Co., Reading, Pa.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Phoenix Lock Wks., 3rd Av., Newark, N. J.  
Pocono Metal Mfg. Co., E. Stroudsburg, Pa.  
Reading Hardware Corp., Reading, Pa.  
Reed & Prince Mfg. Co., Worcester, Mass.

## PEERLESS SHOWER CABINETS

### A Complete Line

Home owners are captivated by the new, smart lines and sturdy construction of the modern PEERLESS Circle-Shower shown at right. It's a rapid seller and a real profit-maker. A complete unit, shipped knocked down in heavy cartons, ready for quick assembly and installation. Supplied with Shower Head and Arm, Valves, Strainer, Curtain and Non-Slip Mat. Has rust-proof, waterproof receptor floor. Panel permits plumbing connection on either side. One of a complete line of money makers for dealers. Specify Model 32. List Price—\$43.00. Dealers see wholesaler as to your discounts. Finished in DeLux White or Green. F.O.B. Chicago, Illinois.

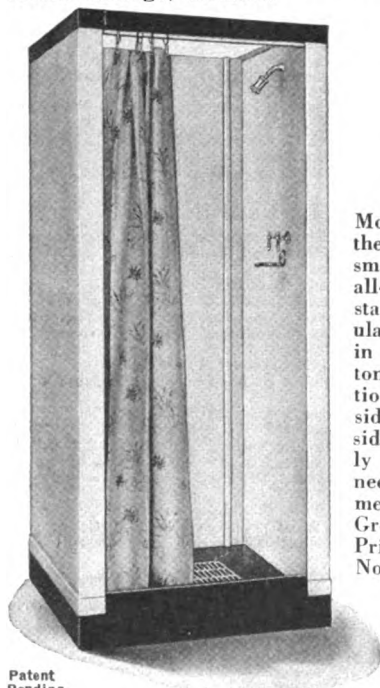


Patent Pending

### PEERLESS Junior Model

Model 15, shown at Left is the PEERLESS "Junior"—a smartly designed, well-built, all-metal shower. An outstanding leader sold at a popular price. Also shipped K.D. in two heavy corrugated cartons ready for quick installation. Has interchangeable side walls for Right or Left side connections. Completely equipped with everything needed for real shower enjoyment. Finished in White or Green Baked Enamel, also in Prime Coat. Specify Model No. 15. 30x30x76".

List Price—\$36.30.  
Prime coat \$35.00  
F.O.B. Chicago, Illinois.  
Dealers see your wholesale hardware house as to discount.

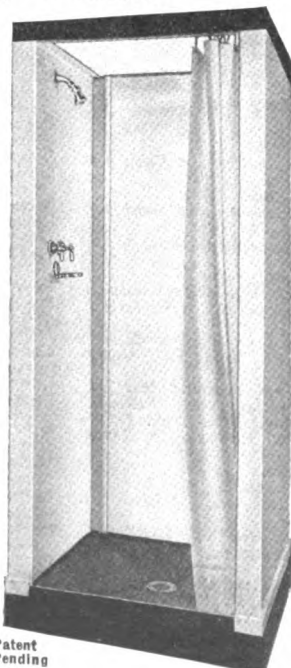


Patent Pending

### PEERLESS DeLux Model

Model No. 25 shown at Right—a distinctively stylish modern shower that meets the most exacting requirements. Has durability and service built right into it. Side panels interchangeable with Right or Left hand plumbing connections. Also shipped K.D. in sturdy cartons. Finish White or Green Baked Enamel. Fully equipped. Also available at small extra charge with porcelain enamel on steel receptor and precast Waylight stone receptor—light weight. Lifetime guarantee. Specify Model 25. Send for Folder and Trade prices on complete line. 32"x32"x76" List Price \$53.00. Dealers see your wholesaler as to your discount. F.O.B. Chicago, Ill., U. S. A.

**PEERLESS STEEL  
EQUIPMENT CO.**  
1010 N. OGDEN AVE.  
CHICAGO, ILLINOIS



Patent Pending

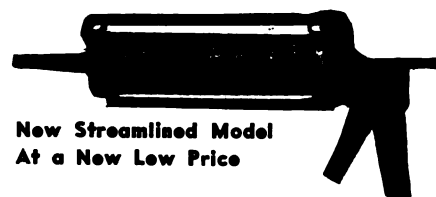
## PECORA PROFIT BUILDERS for the HARDWARE TRADE

**H**ERE are items produced with all the experience and skill of a 78 year old organization—products that have an unsurpassed reputation for quality and fair prices.

### PECORA CALKING COMPOUND

A leader since 1908, this material will not dry out, crack or chip when properly applied. Stops fuel losses and helps make rooms weather tight. Knife and gun grades. Also in handy non-refillable metal cartridges for gun shown below.

### PECORA CARTRIDGE CALKING GUN



New Streamlined Model  
At a New Low Price

We created the cartridge type high pressure gun. In this greatly improved form, it has no equal for quick, clean and thorough work. Cartridges contain approximately one quart of Pecora Calking Compound.

With 3 Nozzles and  
4 Filled Cartridges

**\$6.50**

Shipped Express Collect for

Terms: 2% disc. net cash with order. To approved credits 2% 10 days, 30 days net. F.O.B. Phila., Pa.

### ROOFING CEMENT

Plugs holes and makes perfect joint over any material.

### ASBESTOS FURNACE CEMENT

"Iron will melt where this Cement will stand."

### CASEMENT PUTTY

For metal casements. Will not crack or fall out.

### METAL SASH PUTTY

Works freely and will not wrinkle, sag or form oil pockets.

### STOVE & BOILER PUTTY

Smooth and easy working. Will not harden until burned.

### PERFECT PATCHING PLASTER

True white color for plaster walls, stucco, new or broken tile



**Pecora Paint Company, Inc.**

Member of Producers' Council, Inc.

**Lawrence & Venango Sts., Phila., Pa.**

Established 1862 by Smith Bowen

**HOOKS, Coat and Hat (Continued)**

Reliable Mfg. Co., New Haven, Conn.  
 Reliable Metal Novelty Co., 13 W. 26th, New York, N. Y.  
 Rostand Mfg. Co., Milford, Conn.  
 Russell (J. M.) Mfg. Co., Naugatuck, Conn.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sager Lock Wks. of Yale & Towne Mfg. Co., N. Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hdw. Mfg. Co., Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Skillman Hdw. Mfg. Co., Trenton, N. J.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Works, New Britain, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Susquehanna Casting Co., Wrightsville, Pa.  
 Thomas Products Co., 15473 Indiana Av., Detroit, Mich. "Dacor"  
 U. S. Lock & Hdw. Co., Columbia, Pa.  
 United Wire Goods Mfg. Co., Inc., 1150 Bway., New York, N. Y. "Ivory," "Unitool"  
 Vineland Flint Glass Wks., Vineland, N. J.  
 Washburn Company, Worcester, Mass. "Osar," "Telpice," "King," "Natwite," "Vulcan"  
 Weber-Knapf & Son Co., Jamestown, N. Y.  
 "White Steel" Sanitary Furniture Co., Grand Rapids, Mich.  
 Wilcox, Crittenden & Co., 77 S. Main, Middletown, Conn.  
 Williams (A. C.) Co., Ravenna, O.  
 Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.  
 Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"  
 Yale & Towne Mfg. Co., Stamford, Conn.

**HOOKS, Corn**

(See also Knives, Corn)

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Clyde Cutlery Co., Clyde, O.  
 North Wayne Tool Co., Oakland, Me. "Brooks," "Cumberland Valley," "Field King," "Little Giant," "Oakland"  
 Old File Cutlery Co., Havana, Ill.  
 Village Blacksmith Folks, Watertown, Wis.  
 Wadsworth (David) & Son, Box 610, Auburn, N. Y. "Royal"  
 Winsted Mfg. Co., Inc., Winsted, Conn. "Corn Cutter"

**HOOKS, Cornice**

Brooks (M. S.) & Sons, Chester, Conn.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Merrill Mfg. Corp., Merrill, Wis.  
 Moulton Ladder Mfg. Co., Somerville, Mass.  
 Parker Metal Goods Co., Worcester, Mass.  
 Parker Wire Goods Co., Worcester, Mass.  
 Sargent & Co., New Haven, Conn.  
 Washburn Company, Worcester, Mass.

**HOOKS, Cotton, Box, Hay, Etc.**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Boscable Tool Mfg. Co., Inc., 220 Adams, Brooklyn, N. Y.  
 Carver Tool Wks., Spring Valley, N. Y.  
 Castillon (John) & Sons, 85 Cliff, New York, N. Y. "Foster Bros."  
 Drew (C.) & Co., Kingston, Mass.  
 Duffy Mfg. Co., Chicago, Ill.  
 Eagle Tool Wks., Bayonne, N. J.  
 Gardiner Mfg. Co., 95 Market, Oakland, Cal. "Garco"  
 Hamilton Caster & Mfg. Co., Hamilton, O.  
 Hood Bros., Inc., 4386 Orchard, Phila., Pa.  
 Johnson (William), Inc., 86 Brenner, Newark, N. J.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Osborne (C. S.) & Co., Harrison, N. J.  
 Paine, Benjamin O., Millbury, Mass.  
 Sargent & Co., New Haven, Conn.  
 Shortz (John) & Co., 210 Vine, Phila., Pa.  
 Thomas Mfg. Co., Cedar Rapids, Ia.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V & B"  
 Wadsworth (David) & Son, Box 610, Auburn, N. Y.

**HOOKS, Cup, Screw, Etc.**

Brooks (M. S.) & Sons, Chester, Conn.  
 Champion Hardware Co., Geneva, O.  
 Cupes Co., 1123 Bway., New York, N. Y.  
 Gray (H. S.) & Co., Inc., 3348 N. 10th, Phila., Pa.  
 Gray Iron Casting Co., Mt. Joy, Pa.  
 Hendley Mfg. Co., Valley Falls, R. I.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Kenney Mfg. Co., Cranston, R. I. "Drapewell"  
 Kirsch Co., Sturgis, Mich.  
 Knight Trading Corp., 210 Taaffe Pl., Brooklyn, N. Y. "Knight Brand"  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 Merrill Mfg. Corp., Merrill, Wis.  
 Parker Metal Goods Co., Worcester, Mass.  
 Parker Wire Goods Co., Worcester, Mass.  
 Sargent & Co., New Haven, Conn.  
 Slaymaker Lock Co., 261 Canal, New York, N. Y. "The Screw"  
 U. S. Lock & Hdw. Co., 251 Causeway, Boston, Mass. "Bull"

Turner & Stanton Co., Norwich, Conn.  
 Washburn Company, Worcester, Mass.  
 Wickwire Spencer Steel Co., 500 Fifth Ave., New York, N. Y.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
 Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.  
 Winsted Hdw. Mfg. Co., Winsted, Conn.

**HOOKS, Curtain Rod**

Brooks (M. S.) & Sons, Chester, Conn.  
 Ives (H. B.) Co., New Haven, Conn.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Kenney Mfg. Co., Cranston, R. I. "Drapewell"  
 Kirsch Co., Sturgis, Mich.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 Newell Mfg. Co., Ogdensburg, N. Y.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 Washburn Company, Worcester, Mass.  
 Western Newell Mfg. Co., Freeport, Ill.  
 Wickwire Spencer Steel Co., 500 Fifth Ave., New York, N. Y.  
 Winsted Hdw. Mfg. Co., Winsted, Conn.

HOOKS, "Eight"—See Hooks, "S"

**HOOKS, Eye and Rivet**

Laughlin (Thos.) Co., 199 Fore, Portland, Me. (Drop Forged)

**HOOKS, Fire Pail**

Gaffney (Jas. A.) Co., 157 Chambers, New York, N. Y.  
 Merrill Mfg. Corp., Merrill, Wis.  
 Parker Wire Goods Co., Worcester, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

Sargent & Co., New Haven, Conn.  
Washburn Company, Worcester, Mass.**HOOKS, Fish**

(See also Hooks, Snelled)

Enterprise Mfg. Co., Dept. HA, Akron, O. "Aberdeen," "Bull Dog," "California," "Carlisle," "Cherokee Treble," "Cincinnati Bass," "Coast Limerick," "Dorthis," "Expert Weedless," "Gaff," "Hallbut," "I. P. Cod," "Kapture Bucktail," "Kirby," "Kirby Bent Sea," "Klipec Weedless," "Limerick," "Martu," "New York Trout," "O'Shaughnessy," "Perfection Weedless," "Shad-nuk Bucktail," "Sheephead," "Sneck," "Sobey Sproat," "Surego," "Titan," "Treble," "Virginis," "Wanetta," "Zane Grey Swordfish Hook"  
 Evans Hook Co., 202 Fenimore, Bklyn., N. Y. "Evans"  
 Field (Alfred) & Co., Inc., 98 Chambers, New York, N. Y. "Milward," "Harrison," "Hemming," "Iron Arm" (British)  
 Frost (G. W.) & Sons, Stevens Point, Wis. "Frost Grip," "Pennell," "Perfect Viking"  
 Horrocks-Ibbotson Co., Dept. S., Utica, N. Y. "Unxld"  
 Humane Fish Hook Co., Belfast, N. Y.  
 Jamison (W. J.) Co., 5819 W. Division, Chicago, Ill.  
 Kraus, Chas. P., 4656 No. Hermitage Av., Chicago, Ill.  
 Pequoa Wks., Strasburg, Pa.  
 South Bend Bait Co., South Bend, Ind.  
 Weber Lifelike Fly Co., Stevens Point, Wis.  
 Wolford's Safety Barbless Hook, Johnstown, Pa.  
 Wright & McGill Co., Denver, Col. "Eagle Claw," "Fast Grip"

**HOOKS, Flashing**

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Milcor Steel Co., Milwaukee, Wis.

HOOKS, Garment—See Hooks, Coat and Hat

**HOOKS AND EYES, Gate**

Brooks (M. S.) & Sons, Chester, Conn.  
 Champion Hdw. Co., Geneva, O.  
 Covert Mfg. Co., Troy, N. Y.  
 Frantz Mfg. Co., Sterling, Ill.  
 Hendley Mfg. Co., Valley Falls, R. I.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Kees (F. D.) Mfg. Co., Beatrice, Neb.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Merrill Mfg. Corp., Merrill, Wis.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Mfg. Co., Sterling, Ill.  
 Parker Metal Goods Co., Worcester, Mass.  
 Parker Wire Goods Co., Worcester, Mass.  
 Sargent & Co., New Haven, Conn.  
 Shelby Spring Hinge Co., Shelby, O.  
 Smith Bros. Machine Co., New Britain, Conn.  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 Washburn Company, Worcester, Mass.  
 Wickwire Spencer Steel Co., 500 Fifth Ave., New York, N. Y.

HOOKS, Gaff—See Gaffs, Fish, Landing

HOOKS, Grab—See Hooks, Chain

**HOOKS, Grappling**

American Logging Tool Co., Evart, Mich.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.

**HOOKS, Grass**

(See also Scythes)

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Atkins (E. C.) & Co., Indianapolis, Ind. "A. A. A."  
 Boker (H.) & Co., 101 Duane, New York, N. Y. "Trenton"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "C-K-R," "Ideal," "Queen," "Star," "True-Kut"  
 Columbian Cutlery Co., Reading, Pa.  
 Emerson & Stevens Mfg. Co., Oakland, Me. "Clipper," "Diamond"  
 Ennis Mfg. Co., Reading, Pa.  
 Field (Alfred) & Co., Inc., 98 Chambers, New York, N. Y. "Fraser (British)," "Redtenbacher" (Austria)  
 Gardener's Friend Co. Div. of Cooke-Roberts Corp., Orange, Mass. "EZYKUT"  
 General Hdw. Corp., 3530 W. Pierce, Milwaukee, Wis.  
 Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "Clarke's," "Hill Bros" (British), "Swan" (Austrian)  
 Gras Shaver Co., 81 Washington, Boston, Mass. (Razor Blades)  
 Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Champion," "Comet," "Hand Made," "Perfect," "Utility," "World's Finest"  
 North Wayne Tool Co., Oakland, Me. "Junior," "Komet," "Lawn King," "Lawn Queen," "Lawn Razor," "Little Giant," "Long Reach," "Nolin," "Nowatoco," "Tip Top"  
 Old File Cutlery Co., Havana, Ill.  
 Rixford Mfg. Co., E. Highgate, Vt.  
 Sythax Mfg. Co., Memphis, Tenn.  
 Village Blacksmith Folks, Watertown, Wis.  
 Wadsworth (David) & Son, Box 610, Auburn, N. Y.  
 Winsted Mfg. Co., Inc., Winsted, Conn. "Green Bird," "Perfect Cutter," "Special," "Wishmanco"

**HOOKS, Hammock**

Brooks (M. S.) & Sons, Chester, Conn.  
 Champion Hardware Co., Geneva, O.  
 Corbin, P. & F., New Britain, Conn.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 Merrill Mfg. Corp., Merrill, Wis.  
 Parker Wire Goods Co., Worcester, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Penn Hdw. Co., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sargent & Co., New Haven, Conn.  
 Tie Co., Unadilla, N. Y. "Hold Fast"  
 Washburn Company, Worcester, Mass.

**HOOKS, Harness**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Brooks (M. S.) & Sons, Chester, Conn.  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 Corbin, P. & F., New Britain, Conn.  
 Covert Mfg. Co., Troy, N. Y.  
 Drew Line Co., Ft. Atkinson, Wis.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Imperial Bit & Snap Co., Racine, Wis.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Lawrence Bros., Sterling, Ill.  
 Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
 Merrill Mfg. Corp., Merrill, Wis.  
 Parker Metal Goods Co., Worcester, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Penn Hdw. Co., Reading, Pa.  
 Reading Hdw. Corp., Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hdw. Mfg. Co., Sharon, Pa.  
 Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
 Stevens-Amberg Co., 262 Morris Av., Newark, N. J.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Susquehanna Casting Co., Wrightsville, Pa.  
 Swett (A. L.) Iron Works, Medina, N. Y.  
 Washburn Company, Worcester, Mass. "Osar"  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

HOOKS, Hat—See Hooks, Coat and Hat

HOOKS, Hay—See Hooks, Cotton, Box, Hay, Etc.

**HOOKS, Hay Hoist**

Myers (F. E.) &amp; Bro. Co., 902 Church, Ashland, O.

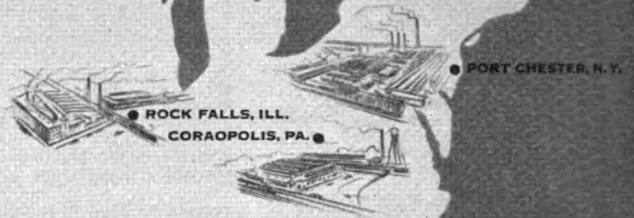
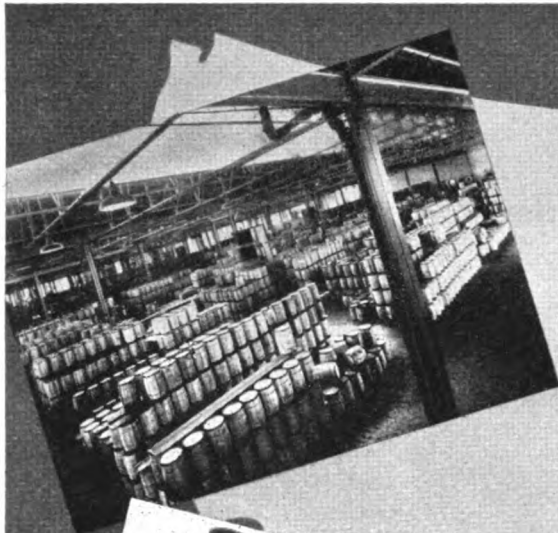
**HOOKS, Hoisting, Bale, Barrel, Can, Etc.**

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan"

**HOOKS, Ice**

Bonney Forge & Tool Wks., Allentown, Pa.  
 Henderson, D., Dallas, Tex.  
 Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.





*More important  
than the promise...*  
**ABILITY to perform**

To achieve and hold leadership for nearly a century in the manufacture of a single product requires more than promises—it demands ability to perform. Since starting the production of EMPIRE Bolts, Nuts and Rivets in 1845, R B & W has adhered strictly to policies of highest quality and strictest standards; and to progressiveness in manufacturing methods and processes, in management policies, trade relations, and customer service.

Today, with three strategically located manufacturing plants, R B & W maintains adequate stocks of EMPIRE Bolts, Nuts and Rivets—with reserves of large widely distributed warehouse stocks that assure prompt delivery of any order regardless of size.

**BOLTS:** Carriage - Machine - Lag - Plow - Stove - Elevator - Step - Tap - Wheel & Rim - Battery - U-Bolts - Tire - Automotive - Drilled - Faced - Special Heat Treated, etc. - **NUTS:** Cold Punched - Semi-Finished - Hot Pressed - Case Hardened - Slotted - Castle - Machine Screw - Marsden Lock - Low Sulphur - **RIVETS:** Standard - Tinners' - Coopers' - Culvert - Clevis and Blind - **SCREWS:** Cap - Machine - Hanger - Sheet Metal - Phillips Recessed Head - **WASHERS:** Plate - Burrs - **MATERIALS:** Steels - Alloys - Non-ferrous Metals - Brass - Bronze - Everdur - Herculoy - and others - **RODS:** Stove - Seat - Ladder - **PLATED PARTS:** Cadmium - Zinc - Chromium - Nickel - Hot Galvanized - Copper - Tin - **SPECIAL UPSET & PUNCHED PRODUCTS.**

**RUSSELL, BURDSALL & WARD**  
**BOLT AND NUT COMPANY**  
PORT CHESTER, N. Y. ROCK FALLS, ILL. CORAOPOLIS, PA.  
SALES OFFICES:  
CHICAGO - DETROIT - PHILADELPHIA - DENVER - SAN FRANCISCO - LOS ANGELES - SEATTLE - PORTLAND



**HOOKS, Joint**

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.

**HOOKS, Ladder**

Babcock (W. W.) Co., Bath, N. Y.  
 Flint (A. W.) Co., New Haven, Conn.  
 Hyde Park Mfg. Co., Southbridge, Mass.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Moulton Ladder Mfg. Co., Somerville, Mass.  
 Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O.  
 Young (J. O.) Co., Springfield, Mass.

HOOKS, Lag—See Carriers, Timber

**HOOKS, Manure**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Union Fork & Hoe Co., Columbus, O. "Union"

**HOOKS, Meat**

Bethlehem Steel Co., Bethlehem, Pa.  
 Brooks (M. S.) & Sons, Inc., Chester, Conn.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, Brooklyn, N. Y.  
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"  
 Greene (G. G.) Mfg. Co., Warren, Pa.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Kason Hdwe. Corp., 127 Wallabout, Bklyn., N. Y.  
 Mound Tool Co., 1203 S. 7th, St. Louis, Mo.  
 Roebbing's (John A.) Sons Co., Trenton, N. J.  
 Sargent & Co., New Haven, Conn.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V & B"  
 Washburn Company, Worcester, Mass.

HOOKS, MUD EXTRACTING—See Chains or Hooks, Mud Extracting

**HOOKS, Painters'**

Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Smith (Landon P.), Inc., 180 Colt, Irvington, N. J. "Red Devil"  
 Young (J. O.) Co., Springfield, Mass.

**HOOKS, Picture**

Brooks (M. S.) & Sons, Chester, Conn.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Forsyth Metal Goods Co., Inc., E. Aurora, N. Y. "Beauty," "Big Giant," "Orient," "Uncle Sam"  
 Hampden Mfg. Co., Plainfield, N. J. "Dependable"  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Judd (H. L.) Co., Worcester, Mass.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Moore Push-Pin Co., 113-125 Berkley, Phila., Pa.  
 Stransky Products Corp., 261 Canal, New York, N. Y. "King Pin," "No Scrui"  
 Turner & Stanton Co., Norwich, Conn. "Franklin"  
 Washburn Company, Worcester, Mass.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.  
 Winsted Hdw. Mfg. Co., Winsted, Conn.

**HOOKS, Pipe, Conductor**

Berger Bros. Co., 229 Arch, Phila., Pa. "B. B."  
 Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
 Braden Mfg. Co., Terre Haute, Ind.  
 Clancy (J. R.) Inc., 1010 W. Belden Av., Syracuse, N. Y. "Sure-Grip"  
 Edwards Mfg. Co., Cincinnati, O.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Hindley Mfg. Co., Valley Falls, R. I.  
 Iwan Bros., South Bend, Ind.  
 Kauer Mfg. Co., Dubuque, Ia. "Faultless"  
 Micor Steel Co., Milwaukee, Wis. "Direct Drive," "Faultless"  
 New Delphos Mfg. Co., Delphos, O.  
 New Orleans Roofing & Metal Co., New Orleans, La. "Nola"  
 Ohio Corrugating Co., Warren, O.  
 Parter Wire Products Co., Dover, O.  
 Reeves Steel & Mfg. Co., Worcester, Mass.  
 Sargent & Co., New Haven, Conn.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V & B."

**HOOKS, Pipe, Plumbers'**

Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.

**HOOKS, Pipe, Wire**

Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Western Wire Products Co., 1415 S. 18th, St. Louis, Mo. "W W"

**HOOKS, Potato**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Union Fork & Hoe Co., Columbus, O. "Union"

**HOOKS, "S"**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Brooks (M. S.) & Sons, Chester, Conn.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O.  
 Hager (C.) & Sons, Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Judd (H. L.) Co., Wallingford, Conn.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Merrill Mfg. Corp., Merrill, Wis.  
 Parker Metal Goods Co., Worcester, Mass.  
 Parker Wire Goods Co., Worcester, Mass.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Roebbing's (John A.) Sons Co., Trenton, N. J.  
 Russell (J. M.) Mfg. Co., Naugatuck, Conn.  
 Sargent & Co., New Haven, Conn.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co., Torrington, Conn.  
 Smith Bros. Machine Co., New Britain, Conn.  
 Steele & Johnson Mfg. Co., Waterbury, Conn.  
 Steffens-Amberg Co., 262 Morris Av., Newark, N. J.  
 Ulrich (B.) Co., Milwaukee, Wis.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V & B"  
 Washburn Company, Worcester, Mass.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
 Wilcox (D.) Mfg. Co., Mechanicsburg, Pa.

**HOOKS, Safety**

Laughlin (Thos.) Co., 199 Fore, Portland, Me. "Dirigo" (Drop Forged)  
 Never Slip Safety Clamp Co., Grand Central Annex, P. O. Box 448, New York, N. Y.  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**HOOKS, Screw**

American Chain Co., Inc., Bridgeport, Conn. "Acco"  
 Brooks (M. S.) & Sons, Chester, Conn.  
 Champion Hardware Co., Geneva, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O.  
 Grand Rapids Brass Co., Grand Rapids, Mich.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hindley Mfg. Co., Valley Falls, R. I.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Lawrence Bros., Sterling, Ill.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Merrill Mfg. Corp., Merrill, Wis.  
 National Lock Co., Rockford, Ill.  
 Ney Mfg. Co., Canton, O.  
 Parker Metal Goods Co., Worcester, Mass.  
 Parker Wire Goods Co., Worcester, Mass.  
 Sargent & Co., New Haven, Conn.  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 Turner & Stanton Co., Norwich, Conn.  
 Washburn Company, Worcester, Mass.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
 Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.

**HOOKS, Shower Curtain**

Blossom Mfg. Co., 79 Madison Av., New York, N. Y. "Blossomtone"

**HOOKS, Shutter**

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-o-Krat"  
 Austin & Eddy, 117 Broad, Boston, Mass.  
 Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
 Brooks (M. S.) & Sons, Chester, Conn.  
 Craftsmen, 108 Broad, Boston, Mass.  
 Detroit Hardware Mfg. Co., Detroit, Mich.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hdwe. Mfg. Co., Sharon, Pa.  
 Stanley Wks., New Britain, Conn.  
 United Specialties Mfg. Co., Ltd., Richmond Hill, N. Y.

**HOOKS, Sign**

Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Hager (C.) & Sons Hinge Mfg. Co., 2447 De Kalb, St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Merrill Mfg. Corp., Merrill, Wis.  
 Sargent & Co., New Haven, Conn.

**HOOKS, Slaters'**

Belden Mach. Co., New Haven, Conn.  
 Merrill Mfg. Corp., Merrill, Wis.  
 Paine, Benjamin O., Millbury, Mass.  
 Purdy, Wm. A., Manchester, Vt.

HOOKS, Slip—See Hooks, Chain

**HOOKS, Snap**

Imperial Bit & Snap Co., Racine, Wis.  
 Jenkinson (R. C.) & Co., 308 Adams, Newark, N. J.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me. "Dirigo" (Drop Forged)  
 Sargent & Co., New Haven, Conn.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
 Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

**HOOKS, Snelled**

(See also Hooks, Fish)  
 Burgess (B.) Minot, Me.  
 Enterprise Mfg. Co., Dept. HA, Akron, O. "Pfeuger Bull Dog"  
 Frost (G. W.) & Sons, Stevens Point, Wis. "Angler," "Expert," "Frost Grip," "Handy Pack," "Pointer," "Supreme"  
 Horrocks-Ibbotson Co., Dept. S, Utica, N. Y.  
 Pequea Wks., Strasburg, Pa.  
 South Bend Bait Co., South Bend, Ind.  
 Weber Lifeline Fly Co., Stevens Point, Wis. "Tied-rite"  
 Wright & McGill Co., Denver, Colo. "Eagle Claw," "Fast Grip"

**HOOKS and STAPLES, Steel**

Frantz Mfg. Co., Sterling, Ill.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R.R., Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Mfg. Co., Sterling, Ill.  
 Ney Mfg. Co., Canton, O.  
 Sargent & Co., New Haven, Conn.  
 Stanley Wks., New Britain, Conn.  
 Titchener (E. H.) & Co., Binghamton, N. Y.

**HOOKS, Stone**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va. "Ames," "Knoxall," "Owl," "Robin"  
 Union Fork & Hoe Co., Columbus, O. "Union"

**HOOKS, Strap**

Brooks (M. S.) & Sons, Chester, Conn.  
 Landers, Frary & Clark, New Britain, Conn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.

**HOOKS, "T"**

Brooks (M. S.) & Sons, Chester, Conn.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Washburn Company, Worcester, Mass.

**HOOKS, Tape and Rule**

Lufkin Rule Co., Saginaw, Mich.

**HOOKS and THIMBLES, Wire Rope**

Laughlin (Thos.) Co., 199 Fore, Portland, Me. (Drop Forged)  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**HOOKS, Track, Overhead Carrying**

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Ney Mfg. Co., Canton, O.

**HOOKS, Vine**

Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Francis" (British)  
 Star Expansion Bolt Co., 147 Cedar, New York, N. Y. "Vyntach"

HOOKS, Wedding—See Weeders, Garden and Lawn

HOOP DRIVERS—See Drivers, Coopers Hoop

HOOP FASTENERS—See Fasteners, Hoop

**HOOPS and BANDS, Steel**

Acme Steel Co., Chicago, Ill.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"

**HOOPS, Rolling, Toy**

Noble & Cooley Co., Granville, Mass.

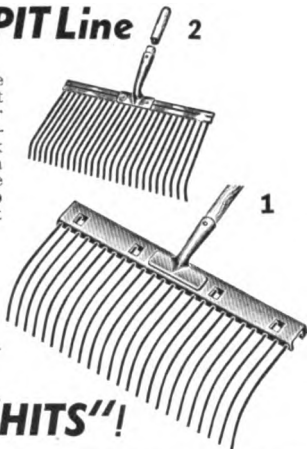
**HOPPERS, Feed, Poultry**

Boyer Mfg. Co., Thorntown, Ind.  
 Butler Co., Butler, Ind.  
 Collins, W. H., 27 Greene, New York, N. Y.  
 Drew Line Co., Fort Atkinson, Wis.  
 Gardner Mfg. Co., Horicon, Wis. "Ideal"  
 Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.

## ALL YEAR PROFITS!

with the **STAMPIT Line**

Sell **BROOM-RAKE**. (1) the original and still the best made and most popular spring tooth lawn rake—used as rake, broom or fork—24 high carbon steel teeth in effective sweeping curve instead of customary sharp bend. Protects lawns, but gets the leaves and cuttings. **LAWN-GROOMER**. (2) has 26 teeth. Durable construction, green enamel finish, clear lacquered handles. *Quick turn-over, sure profit items for spring and summer.*



### 3 New GAME "HITS"!



For children from "6 to 60." **BAT-R-UP**, realistic baseball game; 15 x 15, \$1.00, 18 x 18, \$2.00 (with bat and ball); **ELECTRIC SPELLING BEE** plus 12 sets questions and answers and flashlight battery, \$1.00—kids learn with glee; **TAILSPIN**, timely luck-skill game with 24 airplanes (4 colors) 50¢. All well-made, neatly boxed. Backed by national advertising—fast, sure profits for fall and winter. Ask your jobber.

**STAMPIT CORPORATION**

BROOKFIELD, ILLINOIS

Makers of Metal Goods, Garden Tools, Toys.

# Sentinel

QUALITY  
RADIO  
Since 1920

**TWO  
RED HOT  
VALUES!**

● For downright dollar-value Sentinel's new line is a sensation—these two models prove it: A 4-tube 1½ volt superhet complete with 1,000-hour battery at \$19.95 list... A 5-tube AC-DC superhet at \$9.95 with a real profit for you...and both darn good sets, too!



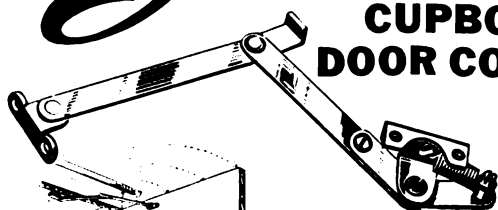
This is only part of a complete line, all types, yours for quick turn-over. Write for literature and complete dealer proposition.

**SENTINEL RADIO CORPORATION**

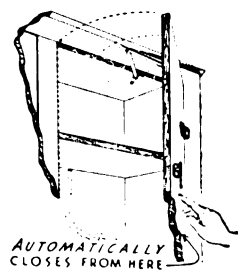
2020 Ridge Avenue  
Dept. HA7 Evanston, Ill.

# Shelby

## CUPBOARD DOOR CONTROL



AUTOMATICALLY  
OPENS FROM HERE



AUTOMATICALLY  
CLOSES FROM HERE

Yes, another **NEW SHELBY PRODUCT**—one whose popularity will increase with use. Simple construction, effective operation and low cost combine to make it a "best seller."

It does two jobs well—controls opening of doors, preventing them striking walls or other obstacles—closes doors and keeps them closed tight. No latch or catch is needed, merely a knob or pull. Easily installed on either hand doors, occupies minimum space and is neat in appearance. Send for sample.

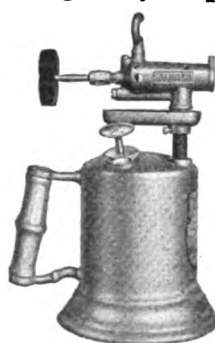
Write for  
catalog showing our  
complete line of  
builders' hardware.

THE **Shelby**  
SPRING HINGE CO.  
SHELBY, OHIO

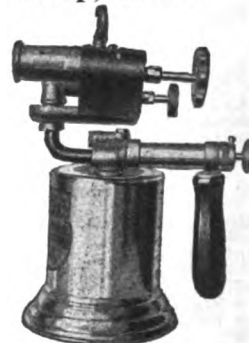
# TURNER

SINCE 1871

Manufacturers of the Complete Line of  
Quality Liquid Fuel Appliances



No. 150  
Powerful Burner  
Polished Tank, Low Price



No. 45A  
Master Line Torch,  
Safety Valve, Pistol Grip

**BLOW TORCHES, FIREPOTS  
CAMP STOVES, LANTERNS  
LAMPS, WATER HEATERS  
REFRIGERANT LEAK  
DETECTORS  
METAL SPRAY GUNS  
SOLDERING COPPERS**

**THE TURNER BEASWORKS**  
Sycamore, Ill. U.S.A.



**HOPPERS, Feed, Poultry (Continued)**

Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Ideal Can Co., Everett, Mass.  
 James Mfg. Co., Fort Atkinson, Wis. "Jamesway"  
 Klein Mfg. Co., Burlington, Ia.  
 Min-Shel Stamping Mfg. Co., Quincy, Ill.  
 New McCurdy Mfg. Co., Ada, O.  
 Oakes Mfg. Co., Inc., Tipton, Ind.  
 Royal Mfg. Co., Bowling Green, O. "Royal"  
 Saxon Can Co., Everett, Mass.  
 Starline, Inc., Harvard, Ill. "Starline"  
 United Steel & Wire Co., Battle Creek, Mich.

**HORNS, Bicycle**

Delta Electric Co., Marion, Ind. "Gangway," "Bowdy" (Electric)  
 E. A. Laboratories, Inc., 696 Myrtle Av., B'klyn, N. Y. (Comb. Light & Horn)  
 Harris (D. P.) Hdwe. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast"  
 Seiss Mfg. Co., 3835 Seiss Av., Toledo, O. "Seiss," "Vibra-Disc" (Electric and Hand)

**HORNS, Carnival, Toy, Etc.**

Dessart Bros., Inc., 503 Metropolitan Av., B'klyn, N. Y.  
 Fishlove (H.) & Co., Chicago, Ill.  
 Marks Bros. Co., 288th, Boston, Mass.

**HORNS, Electric—See Horns, Mechanical****HORNS, Mechanical, Automobile**

American Automatic Electric Sales Co., 1033 W. Van Buren, Chicago, Ill. "Samson-Lion," "Samson-Tiger"  
 Bevin Bros. Mfg. Co., East Hampton, Conn.  
 Bell Mfg. Co., Chicago, Ill.  
 Delco-Remy Corp., Anderson, Ind. "Klaxon"  
 E. A. Laboratories, Inc., 696 Myrtle Av., B'klyn, N. Y. "Handphone," "Newtone"  
 Fulton Co., Milwaukee, Wis. "Aermore"  
 Heine Electric Co., Lowell, Mass. "Heco"  
 Inter-State Mach. Products Co., Rochester, N. Y. "Sterling"

**Milner-Lovatt Co., Weatherly, Pa. "M-L"**

Schwartz Electric Co., Adrian, Mich.  
 Seiss Mfg. Co., Toledo, O. (Electric and Hand)  
 Sireno Co., 75 Clinton, S. L. New York, (Sirens)  
 Sparks-Withington Co., Jackson, Mich. "Sparton Chime," "Sparton-Echo," "Spartonet"

**HORSE BLANKETS—See Blankets, Horse****HORSE BRUSHES—See Brushes, Horse****HORSE CARDS—See Cards, Cotton and Wool****HORSE CLIPPING MACHINES—See Clipping Machines, Horse****HORSE COLLAR PADS—See Pads, Horse Collar****HORSE COLLARS—See Collars, Horse****HORSE COVERS—See Blankets, Horse****HORSE DRAWN SPRAYERS—See Sprayers, Horse Drawn****HORSE FLY NETS—See Nets, Fly, Horse****HORSE GROOMING MACHINES—See Grooming Machines, Horse****HORSE HAND CLIPPERS—See Clippers, Hand, Horse****HORSE MUZZLE WIRE CLOTH—See Cloth, Wire, Horse Muzzle****HORSE MUZZLES—See Muzzles, Horse****HORSE RADISH GRATERS—See Graters, Vegetable, Etc.****HORSE SADDLE BLANKETS—See Blankets, Saddle****HORSE SAW BRACKETS—See Brackets, Saw Horse****HORSE SAW LEGS—See Legs, Saw Horse****HORSE SHEARS—See Shears, Mule and Horse****HORSE SHOE CALKS—See Calks, Horse Shoe****HORSESHOES, DRIVE & SCREW CALK—See Shoes, Horse, Drive & Screw Calk****HORSESHOE MAGNETS—See Magnets, Horseshoe****HORSE SHOE NAILS—See Nails, Horse and Mule Shoe****HORSE SHOE PADS—See Pads, Horse Shoe****HORSE SHOES—See Shoes, Horse, Mule and Pony****HORSE SHOES, Pitching—See Shoes, Horse, Pitching****HORSE SHOES, RUBBER—See Shoes, Horse, Rubber****HORSE STALL WATERING BOWLS—See Bowls, Watering, Horse Stall****HORSE TIES—See Ties, Cattle and Horse****HORSE TOOTH FILES—See Files, Tooth, Horse****HORSES, Hobby, Rocking**

Anchor Toy Corp., Coudersport, Pa.  
 Andrews (O. B.) Co., Chattanooga, Tenn.  
 Tucker Duck & Rubber Co., Fort Smith, Ark.  
 Whitney Reed Corp., Leominster, Mass.  
 Whitney Bros. Co., Marlboro, N. H.

**HORSES, Steel and Wood**

Gabriel Steel Co., Detroit, Mich.  
 Leach Co., Oshkosh, Wis. "Oshkosh" (Folding)  
 Newark Ladder & Bracket Mfg. Co., Inc., 317 Springfield Av., Newark, N. J.  
 Toledo Pressed Steel Co., 397 Phillips Av., Toledo, O. "Toledo" (Steel Folding)  
 Trestle Mfg. Co., Lockport, N. Y. "Kompak" (Folding)

**HORSESHOERS' HAMMERS—See Hammers, Farriers****HORTICULTURAL PLANT LABELS—See Markers, Plant****HOSE, Air, Steam, Water, Etc.**

Allen (W. D.) Mfg. Co., 666 W. Lake, Chicago, Ill.  
 Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 Champion Rubber Co., Akron, O.  
 Cincinnati Rubber Mfg. Co. (Norwood), Cincinnati, O. "Arno," "Cincinnati," "Congo," "Delva," "Norwood," "Royal Brown," "Sandow"  
 Continental Rubber Wks., Erie, Pa.  
 De Vilbiss Co., Toledo, O.  
 Eclat Rubber Co., Akron, O.  
 Goodrich (B. F.) Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Manhattan Rubber Mfg. Div. Raybestos-Manhattan, Inc., Willette, Passaic, N. J.  
 New York Rubber Corp., Beacon, N. Y.  
 Republic Rubber Co., Youngstown, O.  
 Thermoid Rubber Div. of Thermoid Co., Trenton, N. J. "Thermoid"  
 United States Rubber Co., 1230 6th Av., New York, N. Y.

**HOSE BANDS—See Clamps, Hose****HOSE CLAMPS—See Clamps, Hose****HOSE COUPLINGS—See Couplings, Hose****HOSE, Garden**

Acme Rubber Mfg. Co., Trenton, N. J.  
 Atlantic Tubing & Rubber Co., Providence, R. I. "Atlantic"

Boston Woven Hose & Rubber Co., Cambridge, Mass.

"Bull Dog," "Bull Dog Cord," "Good Luck," "Leader," "Tiger," "Thorobred," "Vigilant," "Vixen"

Champion Rubber Co., Akron, O.

Cincinnati Rubber Mfg. Co. (Norwood), Cincinnati, O. "Norwood," "Sandow"

Continental Rubber Works, Erie, Pa. "Erie Cord"

De Vilbiss Co., Toledo, O. "Red Label," "White Label"

Diamond Rubber Co., Inc., Akron, O. "Antelope," "Clipper," "Defiance," "Star," "Titan Lion"

Eclat Rubber Co., Akron, O. "Eklia"

Electric Hose & Rubber Co., Wilmington, Del. "Blacksnake," "Electric," "Electric Junior," "Professional," "Standard"

Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.

Gates Rubber Co., 999 S. B'way, Denver, Colo. "Gardenette," "Greenlawn," "Rayolite," "Tru-cord," "Vulco," "Zephyr"

Goodall Rubber Co., Phila., Pa. "Bellwood," "SSS," "Saxon"

Goodrich (B. F.) Co., Akron, O. "DeLuxa," "Garden Club," "Maxecon," "Multispray"

Goodyear Tire & Rubber Co., Akron, O. "Emerald," "Glide," "Goodyear," "Oak," "Pathfinder," "Super-twist," "Wingfoot"

Graton & Knight Co., Worcester, Mass.

Hamilton Rubber Mfg. Co., Trenton, N. J.

Hewitt Gutta Percha Rubber Corp., Buffalo, N. Y.

Home Rubber Co., Trenton, N. J.

Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa. "Keystone"

Manhattan Rubber Mfg. Div. Raybestos-Manhattan, Inc., Willette, Passaic, N. J.

Mercer Rubber Co., Hamilton Square, N. J.

New York Rubber Corp., Beacon, N. Y.

Owen Rubber Products, Inc., Akron, O. "Owen Maderite"

Pioneer Rubber Mills, San Francisco, Cal. "Clover," "Crackproof," "Golden Gate," "Reliance," "Rubro," "Sunproof," "Wearso"

Quaker Rubber Corp., 4915 Comly, Phila., Pa. "Atlantic," "Coronet," "Kaplan," "Parlawn," "Phildell," "Quaker City," "Ringmeter," "Sargent," "Standard," "Surprise," "Tioga," "Wonderful," "Yankee"

R-C-A Rubber Co., Akron, O. "Flexi-Tile"

Republic Rubber Co., Youngstown, O.

Swan Rubber Co., 436 E. Mansfield, Bucyrus, O.

Thermoid Rubber Div. of Thermoid Co., Trenton, N. J. "Thermoid"

Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.

Trenton Rubber Mfg. Co., Trenton, N. J.

Union Rubber & Asbestos Co., Trenton, N. J.

United States Rubber Co., 1230 6th Av., New York, N. Y. "Neptune," "Rainbow," "Royal Cord"

Woven Steel Hose & Rubber Co., Trenton, N. J.

HOSE HOLDERS—See Holders, Hose

HOSE, Irrigating

Oozo, Inc., Howell, Mich.

HOSE MENDERS—See Menders, Hose

HOSE NIPPLES—See Nipples, Hose

HOSE NOZZLES—See Nozzles, Hose

HOSE RACKS—See Holders, Hose

HOSE REDUCERS—See Reducers, Hose

HOSE REELS—See Reels, Hose

HOSE, Rubber

Atlantic Mfg. Co., Wilmington, Del.

Boston Woven Hose & Rubber Co., Cambridge, Mass. "Bull Dog"

Cincinnati Rubber Mfg. Co. (Norwood), Cincinnati, O.

Continental Rubber Wks., Erie, Pa.

De Vilbiss Co., Toledo, O.

Diamond Rubber Co., Inc., Akron, O. "Lion," "Titan"

Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.

"Dumaco"

Eclat Rubber Co., Akron, O. "Eklia"

Electric Hose & Rubber Co., Wilmington, Del. "Electric"

Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.

Globe Rubber Wks., Inc., Boston, Mass.

Goodall Rubber Co., Phila., Pa.

Goodrich (B. F.) Co., Akron, O.

Goodyear Tire & Rubber Co., Akron, O.

Hewitt-Gutta Percha Rubber Corp., Buffalo, N. Y.

Hodgman Rubber Co., Framingham, Mass.

Home Rubber Co., Trenton, N. J.

Jenkins Bros., 80 White, New York, N. Y.

Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.

Lee Tire & Rubber Co., Conshohocken, Pa.

New York Rubber Corp., Beacon, N. Y.

Pioneer Rubber Mills, San Francisco, Cal. "Crackproof," "Live Oak," "Native," "Reliance," "Rubro," "Seal Rock," "Sunproof," "Sunset," "Wearso"

Quaker Rubber Corp., 4915 Comly, Phila., Pa.

R-C-A Rubber Co., Akron, O.

Republic Rubber Co., Youngstown, O.

Rose (Frank) Mfg. Co., Hastings, Nebr.

Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"

Snyder (M. L.) & Son, 1815-75 E. York, Phila., Pa.

Thermoid Rubber Div. of Thermoid Co., Trenton, N. J. "Thermoid"

Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.

Tyer Rubber Co., Railroad, Andover, Mass. "Tyer"

Union Rubber & Asbestos Co., Trenton, N. J.

United States Rubber Co., 1230 6th Av., New York, N. Y.

HOSE VALVES—See Valves, Hose

HOSE WASHERS—See Washers, Hose, Garden

HOSPITAL GLASS WARE—See Ware, Glass, Bar, Hotel, Soda Fountain & Hospital

HOT AIR FURNACES—See Furnaces, Warm Air

HOT AIR REGISTERS—See Registers, Warm Air

HOT BED HEATERS, ELECTRIC—See Heaters, Hot Bed, Electric

HOT BLAST LANTERNS—See Lanterns, Hot Blast

HOT CHISELS—See Chisels, Hot

HOT CLOSETS—See Warmers, Plate

HOT HOUSE PULLEYS—See Pulleys, Ceiling and Hot House

HOT HOUSES, TOY—See Greenhouses, Toy

HOT PLATES—See Plates, Hot

HOT PRESSED NUTS—See Nuts, Hot Pressed

HOT WATER ACCELERATORS—See Accelerators, Water, Hot

HOT WATER BOILERS—See Boilers, Heating, Steam or Hot Water

HOT WATER BOTTLES, METAL—See Metal Hot Water Bottles

HOT WATER HEATERS, Electric—See Heaters, Water, Electric

HOT WATER PAINTS—See Paints, Water

HOT WATER REGULATORS—See Regulators, Hot Water

HOT WATER TANKS—See Tanks, Water Hot

HOT WATER THERMOMETERS—See Thermometers, Hot Water and Brine

HOTEL BASKETS—See Baskets, Hotel

HOTEL GLASSWARE—See Ware, Glass, Bar, Hotel, Soda Fountain & Hospital

HOTEL KITCHEN SUPPLIES—See Supplies, Kitchen, Hotel and Restaurant

HOTEL RANGES—See Ranges, Hotel and Restaurant

HOUSE BROOMS—See Brooms, Corn

HOUSE FURNISHING GOODS—See article desired

HOUSE LOCKS—See Locks, Sets, Door and House; also Knobs, Door

HOUSE NUMBERS—See Numbers and Letters, Metal

HOUSE SAFES—See Safes, Fire and Burglar Proof; also Safes, Wall

HOUSEHOLD BRUSHES—See Brushes, Household

HOUSEHOLD CABINETS—See Cabinets, Household

HOUSEHOLD CEMENT—See Cement, China, Crockery, Glass, Etc.

HOUSEHOLD CHURNS—See Churns, Household

HOUSEHOLD FUNNELS—See Funnel, Household

HOUSEHOLD GLUE—See Glue, Liquid

HOUSEHOLD GRIND STONES—See Stones, Grind, Household

HOUSEHOLD LADLES—See Ladles, Household

HOUSEHOLD MEASURES—See Measures, Household

HOUSEHOLD RACKS—See Dryers, Clothes; also Racks, Towel; also Shelves, Glass

HOUSEHOLD SCALES—See Scales, Household

HOUSEHOLD SCOOPS—See Scoops, Household

HOUSEHOLD SNIPS—See Snips, Household

HOUSEHOLD SPECIALTIES—See article desired

HOUSEHOLD STEELS—See Steels, Knife Sharpening

HOUSEHOLD THERMOMETERS—See Thermometers, Household

HOUSEHOLD TOOLS—See Tools, Household

# BETTER WIRE SCREEN CLOTH

*with*  
**Multi-Strand Printed and Measured Selvage**

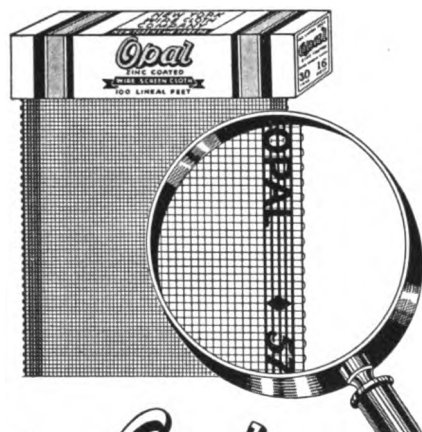
This new and distinctive improvement of the selvage of Wire Screen Cloth has greatly enhanced the value of these two popular and favorably known Brands.

The Brand Name and Trade-Mark are printed on every foot and serve as a positive identification and an assurance to both dispenser and

consumer of the highest quality of material and workmanship.

The printed foot numerals provide a most accurate inventory of the remaining contents of a roll and obviate any necessity of unrolling.

The Multi-Strand Selvage also adds greater strength and rigidity to the entire fabric.



Heavy  
Zinc  
Coated

**Opal**

White  
Satin  
Finish

## WIRE SCREEN CLOTH

With  
Multi-Strand Printed Selvage  
Brand Name—Trade-Mark—  
Foot Numerals

Opal Zinc Coated and Liberty-Bronze Wire Screen Cloth are made from full-gauge wire and in accord with specifications issued by the Department of Commerce, Bureau of Standards (R 122-31) and Federal Specification RR-C-451A.

The White Satin Finish of Opal and the Bright Golden or Rich Antique of Liberty-Bronze are well protected in handling by a heavy coating of flexible lacquer. Each roll is packed in a Safety Shipping Carton.

York Brand, Black Painted with old-style selvage, is available in 12 mesh and all widths.



Bright  
Golden

**LIBERTY  
BRONZE**

Dark  
Antique

## WIRE SCREEN CLOTH

With  
Multi-Strand Printed Selvage  
Brand Name—Trade-Mark—  
Foot Numerals

Aldura Aluminum Wire Screen Cloth is color or produce the Dark Gun Metal finish. made from a special aluminum alloy developed to produce a strong wire which will resist atmospheric action.

After weaving, the fabric is coated with a special flexible lacquer to preserve the Bright Natural



**ALDURA**

Has unusual decorative possibilities. Offers relief from discoloration of paint or other finishes. Multi-Strand Selvage available in 16 mesh and all widths. Each roll packed in protective shipping carton.

# NEW YORK WIRE CLOTH COMPANY

500 Fifth Avenue

New York, N. Y.

*Specialists in the Manufacture of Wire Screen Cloth for Half-a-Century*

Mention Hardware Age When Writing

Digitized by Google

**HOUSEHOLD VISE**—See Vises, Garage and Household

**HOUSEKEEPING TOY SETS**—See Sets, Housekeeping Toy

## HOUSES, Bird

Crescent Co., Toms River, N. J.  
Express Body Corp., Crystal Lake, Ill.  
Jacobs, J. Warren, Waynesburg, Pa.  
Mid-Western Model-Crafters, Shabbonna, Ill.  
"Mw-Mc"  
Packard, Winthrop, Canton, Mass.  
Rustic Crafts, Co., Inc., 389 E. 165th, New York, N. Y.

## HOUSES, Doll

Brinkman Engineering Co., Dayton, O.  
Carrom Co., Ludington, Mich.  
Downt Mfg. Co., Chicago, Ill.  
Rochester Folding Box Co., Rochester, N. Y. "Jack-Bilt"  
Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.  
Strombeck-Becker Mfg. Co., Moline, Ill.  
Terre Town Toy Tradesman, Terre Haute, Ind.  
Wayne Paper Goods Co., Fort Wayne, Ind.  
Wicker Toy Mfg. Co., Columbus, O.

## HOUSES, Play

Cincinnati Fly Screen Co., 1002 Evans, Cincinnati, O. "Play-Bild House," "Play-Bild Store"  
Lehman Co. of America, Cannellton, Ind.  
Rochester Folding Box Co., Rochester, N. Y. "Jack-Bilt"  
Terre Town Toy Tradesmen, Terre Haute, Ind.

## HOUSES, Poultry, Portable

Close-to-Nature Co., Colfax, Ia.  
Hodgson (E. F.) Co., Boston, Mass.  
James Mfg. Co., Fort Atkinson, Wis. "Jamesway"  
Martin Steel Products Co., Mansfield, O.  
Potter Mfg. & Lumber Co., Downers Grove, Ill.  
"Redybilt"  
Thomas-Armstrong Co., London, O. "Buckeye"

**BOYERS**—See Incubators; also Brooders

## HUBS, Carriage and Wagon, Wood

Sparta Spoke Factory, Inc., Sparta, Tenn.

## HULLERS and POLISHERS, Rice

Bell (C. S.) Co., Hillsboro, O. "Bell"

## HULLERS, Coffee

Bell (C. S.) Co., Hillsboro, O. "Bell"

## HULLERS, Corn

Bell (C. S.) Co., Hillsboro, O. "Bell"

## HULLERS, Strawberry

Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Stephens (Windsor) & Co., Waltham, Mass. "Nip-Bilt"  
Washburn Company, Worcester, Mass.

## HUMIDIFIERS, Furnace

American Foundry & Furnace Co., Bloomington, Ill.  
American Furnace & Foundry Co., Milan, Mich.  
Automatic Humidifier Co., Cedar Falls, La.  
Excelsior Steel Furnace Co., 118 S. Clinton, Chicago, Ill.  
Henry Furnace & Foundry Co., 3473 E. 49th, Cleveland, O.  
Maid-O-Mist Inc., 180 N. Wacker Drive, Chicago, Ill.  
Meyer Furnace Co., Peoria, Ill.  
Monmouth Products Co., 1833 E. 61st, Cleveland, O.  
Premier Furnace Co., Dowagiac, Mich.  
Round Oak Co., Dowagiac, Mich.  
Skutumpah (J. L.) Co., 1015 Franklin Av., Detroit, Mich. "Skutumpah"  
Viking Air Conditioning Corp., 9500 Richmond Av., S. E., Cleveland, O.

**HUMIDIFIERS, PORTABLE**—See Air Conditioners

**HUMIDIFIERS, RADIATOR AND REGISTERS**—See Moisteners, Air, Radiator, also Moisteners, Air, Register

**HUMIDIFYING RADIATOR VALVES**—See Valves, Radiator, Humidifying

**HUMIDITY INSTRUMENTS**—See Instruments, Humidity

## HUMIDORS, Cigarette

Bredy Co., Frederick, Md. "Evercraft"

**HUNTING BASKETS**—See Baskets, Pack

**HUNTING BOATS**—See Boats, Hunting

**HUNTING BOOTS**—See Boots, Hunting

**HUNTING CAPS**—See Hats, Hunting

**HUNTING CLOTHING**—See Clothing, Fishing & Hunting

**HUNTING HATS**—See Hats, Hunting

**HUNTING JACKETS**—See Jackets, Hunting

**HUNTING KNIVES**—See Knives, Hunting

**HUNTING LAMPS**—See Lamps, Sportsmen's

**HUNTING SHOES**—See Shoes, Hunting

## HUSKERS, Corn

Adams Co., Marysville, O.  
Advance-Rumely Thresher Co., La Porte, Ind. "Rumely"  
Appleton Mfg. Co., Batavia, Ill.  
Boas Mfg. Co., Kewanee, Ill. "Boas"  
Clark Leather Product Co., 1811 W. North Av., Chicago, Ill.  
Gehl Bros. Mfg. Co., West Bend, Wis.  
International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering"  
Kees (F. D.) Mfg. Co., Beatrice, Nebr.  
Milwaukee Hay Tool Co., Milwaukee, Wis.  
Remmel Mfg. Co., Kewaskum, Wis.  
Rosenthal Corn Husker Co. (West Allis), Milwaukee, Wis.  
U. S. Wind Engine & Pump Co., Batavia, Ill. "U. S. Standard"

**HUSKING GLOVES**—See Gloves, Husking

## HYDRANTS

Aeromotor Co., Chicago, Ill.  
American Fdry. & Mfg. Co., St. Louis, Mo.  
Barnes Mfg. Co., Mansfield, O.  
Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
Eddy Valve Co., Waterford, N. Y. (Fire)  
Flint & Walling Mfg. Co., Kendallville, Ind.  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Heller-Allen Co., Napoleon, O.  
Mast, Foss & Co., Springfield, O.  
Michigan Valve & Fdry. Co., 3831 Parkinson Av., Detroit, Mich. "Michigan" (Fire)  
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O. "Murdock"  
Rumsey Pump Co., Seneca Falls, N. Y.  
U. S. Wind Engine & Pump Co., Batavia, Ill.  
Woodford Hydrant Co., Des Moines, Ia. "All Year Freezeless," "Iowa Freezeless"

**HYDRATOR BAGS FOR REFRIGERATORS**—See Bags, Oil Silk

**HYDRAULIC JACKS**—See Jacks, Hydraulic

**HYDRAULIC PRESSURE GAGES**—See Gages, Hydraulic Pressure

**HYDRAULIC RAMS**—See Rams, Hydraulic

**HYDRAULIC TREE PRUNERS**—See Pruners, Tree, Hydraulic

## HYDROMETERS

Edelmann (E.) & Co., Chicago, Ill. "Breaknot," "Testometer"  
Freas (Francis L.) Glass Wks., Conshohocken, Pa. "Clearview"  
Griebel Instrument Co., Carbondale, Pa.  
Moeller Instrument Co., Inc., 132 No. 89th Av., Richmond Hill, N. Y.  
Steiner Mfg. Co., 590 Jackson Av., Long Island City, N. Y. "Hydrokit," "Wintometer"  
Testrite Instrument Co., 57 E. 11th, New York, N. Y.

## HYGROMETERS

Muter Co., 1255 S. Michigan Av., Chicago, Ill. "Telatre"  
Rochester Mfg. Co., Inc., Rochester, N. Y. "Humidimeter," "Humiditherm"  
Taylor Instrument Companies, Rochester, N. Y. "Humidiguide"

**ICE AUGERS**—See Tools, Ice

**ICE AWLS**—See Picks, Ice

**ICE AXES**—See Axes, Ice

**ICE BOATS, Toy**—See Boats, Toy

**ICE BOX ACCESSORY**—See Refrigerator Accessory

**ICE BOXES, AUTOMOBILE**—See Boxes, Ice

**ICE BREAKERS**—See Breakers, Ice

**ICE CHIPPERS**—See Chippers, Ice

**ICE CHISELS**—See Chisels, Ice

**ICE CHOPPERS**—See Breakers, Ice

**ICE CREAM CANS**—See Cans, Ice Cream

**ICE CREAM DISHERS**—See Dishers, Ice Cream

**ICE CREAM FREEZERS**—See Freezers, Ice Cream

**ICE CREAM MOLDS**—See Molds, Ice Cream

**ICE CREAM SCOOPS**—See Scoops, Ice Cream

**ICE CREAM SPOONS**—See Spoons, Ice Cream

**ICE CREEPERS**—See Creepers, Ice

**ICE CRUSHERS**—See Breakers, Ice

**ICE CUBE BREAKERS**—See Breakers, Ice Cube

**ICE CUBE BUCKETS**—See Pails, Ice Cube, Serving

**ICE CUBE CONTAINERS**—See Containers, Ice Cube

**ICE CUBE COOLERS**—See Coolers, Ice Cube, Vacuum

**ICE CUBE CRUSHERS**—See Breakers, Ice Cube

**ICE CUBE CUTTERS**—See Cutters, Ice Cube

**ICE CUBE SERVING PAILS**—See Pails, Ice Cube, Serving

**ICE CUBE TONGS**—See Tongs, Ice Cube

**ICE CUBE TRAYS**—See Trays, Ice Cube

**ICE GUARDS, Roof**—See Guards, Ice and Snow, Roof

**ICE HATCHETS**—See Axes, Ice

**ICE HOOK HANDLES**—See Handles, Boat Hook, Ice Hook, etc.

**ICE HOOKS**—See Hooks, Ice

**ICE PICKS**—See Picks, Ice

**ICE PLOWS**—See Plows, Ice

**ICE REFRIGERATORS**—See Refrigerators, Ice

**ICE REMOVERS**—See Removers, Ice

**ICE SAWS**—See Saws, Ice

**ICE SCOOPS**—See Scoops, Ice

**ICE SHAVERS**—See Shavers, Ice

**ICE SHREDDERS**—See Shredders, Ice

**ICE SKATE DISPLAY STANDS**—See Stands, Ice Skate, Display

**ICE SKATES**—See Skates, Ice

**ICE TONGS**—See Tongs, Ice

**ICE TOOLS**—See Tools, Ice

**ICED TEA SPOONS**—See Spoons, Iced Tea and Soda

**ICERS, BOTTLE, BEVERAGE**—See Coolers, Bottle, Beverage

**IMITATION LEATHER**—See Leather, Imitation

**IMMERSION ELECTRIC WATER HEATERS**—See Heaters, Water, Electric, Immersion

**INBOARD BOAT MOTORS**—See Motors, Boat, Inboard

## INCINERATORS Garbage

Anderson Incinerator Wks., 4914 S. Rockwell, Chicago, Ill. "Burnit"  
Buffalo Co-operative Stove Co., Buffalo, N. Y.  
Calcinator Corp., 1763 Penobscot Bldg., Detroit, Mich. "Calcinator"  
Detroit-Michigan Stove Co., Detroit, Mich. "Detroit Jewel," "Garland," "Laural" (Gas)  
General Incinerator Co., Alliance, O. "Cinator," "Genico"  
Hawes Mfg. Co., Inc., Worcester, Mass.  
Home Incinerator Co., Milwaukee, Wis. "Inciner" (Gas)  
Kerner Incinerator Co., Milwaukee, Wis.  
Majestic Co., Huntington, Ind. (Gas, Coal or Wood Burning)  
Milwaukee Tank Wks., Milwaukee, Wis. "Household"  
Mueller (L. J.) Furnace Co., Milwaukee, Wis.  
Pittsburgh Incinerator Mfg. Co., Inc., Pittsburgh, Pa.  
Prescott (J. B.) & Son, Webster, Mass.  
Renown Stove Co., Owosso, Mich. "Renowncinator"  
Stearns (E. C.), Syracuse, N. Y. "Incinerite"

**INCUBATOR LAMPS**—See Lamps, Incubator

**INCUBATOR THERMOMETERS**—See Thermometers, Incubator

## INCUBATORS

(See also Brooders)

American Incubators, Inc., New Brunswick, N. J. "Wishbone"  
Automatic Incubator Co., Delaware, O. "Dico"  
Belle City Incubator Co., Racine, Wis.  
Brower Mfg. Co., Quincy, Ill.  
Buckeye Incubator Co., Springfield, O.  
Buffalo Incubator Co., 15 Bradley, Buffalo, N. Y.  
Bundy Incubator Co., Springfield, O.  
Close-To-Nature Co., Colfax, Ia.  
Cyphers Incubator Co., Buffalo, N. Y.  
Des Moines Incubator Co., Des Moines, Ia. "Successful"  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
Hopson (W. C.) Co., Grand Rapids, Mich. (Oil Burning)  
James Mfg. Co., Ft. Atkinson, Wis. "Jamesway"  
Leahy Mfg. Co., Higginsville, Mo.  
Makomb Steel Products Co., Macomb, Ill. "Makomb"  
Miller (J. W.) Co., Rockford, Ill. "DeLuxe," "Ideal"  
Morris Mfg. Co., El Reno, Okla. "Safety Hatch"  
Oakes Mfg. Co., Inc., Tipton, Ind. "Little Giant," "Oakes" (Electric)  
Petaluma Electric Incubator Co., Petaluma, Cal.  
Petersime Incubator Co., Gettysburg, O. "Hatchibator"  
Queen Incubator Co., Lincoln, Neb. "Lincoln"  
Reliable Incubator & Brooder Co., Quincy, Ill. "Imperial"  
Royal Mfg. Co., Bowling Green, O. "Royal"  
Sheer (H. M.) Co., Quincy, Ill.  
Starline, Inc., Harvard, Ill.  
Sure-Hatch Incubator Co., Fremont, Neb.  
INDIA INK—See Inks, Drawing  
INDIA TWINE—See Twine, India  
INDIAN CLUB HANGERS—See Hangers, Dumb-Bell and Indian Club  
INDIAN CLUBS—See Clubs, Indian  
INDICATOR BOLTS—See Bolts, Indicator

## INDICATORS, Dial Test

Ames (B. C.) Co., Waltham, Mass.  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Federal Products Corp., Providence, R. I.  
Foxboro Co., Foxboro, Mass.  
Starrett (L. S.) Co., Athol, Mass. "Last Word"  
Taft-Peirce Mfg. Co., Woonsocket, R. I.



## WILDER'S New "LONG WEAR" Half Soles

These WATERPROOF CHROME RETAN TAPS will outwear Oak Sole Leather and withstand rough, rocky soil, cinders, slag, hot cement floors, water and oil. Display has 1 doz. pairs each of 15c, 25c, and 35c grades. Wt. 10 lbs. Retail Value \$9.00. Dealer cost \$6.00.



FREE Blue Wire Counter Display Rack!



Popular Display Assortment in the No. 50 Lion Tap Cabinet Contains 1 doz. pairs each of 10c, 15c, 20c, and 25c grades of Lion Taps. Total 4 doz. pairs complete with nails. Gross wt. about 15 lbs. Retail value \$8.40. Dealer's margin 50%. Refills always available. Sold through Jobbers.

**WILDER & COMPANY** Manufacturers 1038 Crosby St. Since 1877 Chicago, Illinois

## THE "Profit Line" OF Rubber Coated Fabric Gloves

Many styles, including curved fingers, of fast selling "work-tested" quality Latex coated fabric work gloves. Ask your wholesaler or write today.

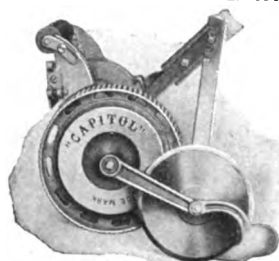
—And Don't Forget Nationally Advertised "SWAGGERETTES"

Fastest selling household and gardening gloves—women like their comfort and increased utility features. Guaranteed by Good Housekeeping as advertised therein.

**EDMONT MANUFACTURING CO.**  
COSHOCOTON, OHIO

## GRANITE STATE LAWN MOWERS AND LAWN TRIMMERS

SINCE 1860



CAPITOL TRIMMER AND EDGER

**GRANITE STATE MOWING MACHINE CO.**  
PIONEERS

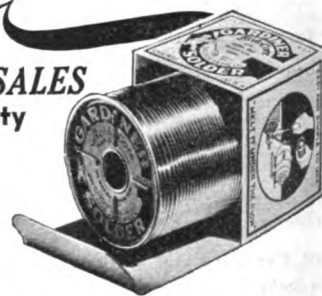
There's about 75 years' experience behind **GRANITE STATE LAWN MOWERS**, and this is reflected in superior workmanship and long life.

*They Give Satisfaction*

HINSDALE, NEW HAMPSHIRE

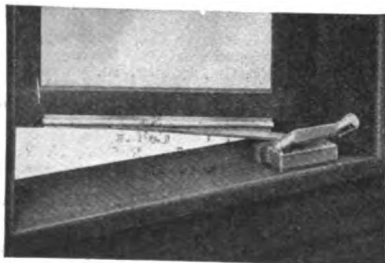
## BUILD SOLDER SALES With Gardiner Quality

You'll win and hold the cream of the big, profitable, package solder market when you stock and display this nationally famous line. Ask your jobber for details on fast - selling Repair - All Household Package and leaders with 1, 5 and 20-pound spool buyers.



4821 S. Campbell Ave., Chicago, Ill.

## A NEW WORM AND GEAR OPERATOR FOR WOOD CASEMENT WINDOWS



Getty No. 4715 Operator is a really fine inexpensive device, designed for the present day small home market. It is low in initial cost, neat in appearance, easy to install, and has a wide application.

**H. S. GETTY & CO., INC.**  
3348 N. 10th Street Philadelphia, Pa.

## EXTRA! PROFIT with NEW! SKRATCH STIK

Removes Scratches on Furniture

SELLS on SIGHT

Fast turnover with **FREE DISPLAY** with each I-A Deal—

**35c each** Retail  
Dealer's Cost **\$2.80** Postpaid

See your jobber. If he cannot supply write us.

**GENERAL CEMENT MFG. CO.,** Rockford, Ill., U. S. A.

## Ace Dealer Display Cabinet

Minimum investment for a complete range of sizes in proven merchandising unit. Sell from your display.



Complete stock of high quality taps and dies, taper pin reamers, screw extractors, tap wrenches and die stocks in attractive hinged glass cover display.

Quantities of a size graduated according to saleability.

**HENRY L. HANSON, Inc.** - Worcester, Mass.

## Moulded RUBBER GOODS & Specialties



PLAIN AND MUSHROOM BUMPERS  
RUBBER HEAD NAILS • TOILET SEAT BUMPERS  
CHAIR TIPS • CRUTCH TIPS • SUCTION RUBBERS  
SEND FOR CATALOG OF COMPLETE LINE

**The ELASTIC TIP Co.**  
370 ATLANTIC AVE - BOSTON - MASS.

## INDICATORS, Speed

(See also Speedometers)

Amthor Testing Instrument Co., 309 Johnson, Bklyn., N. Y.  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Bowsher (N. P.) Co., South Bend, Ind.  
Bristol Co., Waterbury, Conn.  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Millers Falls Co., Greenfield, Mass.  
Starrett (L. S.) Co., Athol, Mass.  
Veeder Root Co., Inc., Hartford, Conn.

## INDICATORS, Umpires'

Goldsmith (P.) Son, Inc., John & Findlay, Cincinnati, O.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.

INDIVIDUAL RESIDENCE ELEVATORS—See Elevators, Residence, Individual

INDOOR BASE BALLS—See Balls, Base, Indoor

INDUSTRIAL FENCE—See Fence, Wire

INDUSTRIAL GLASSWARE—See Ware, Glass, Industrial

INDUSTRIAL WORKERS' GOGGLES—See Goggles, Industrial Workers'

INFANTS' BASSINETTES—See Bassinets, Baby

INFANTS' BATH TUBS—See Tubs, Bath, Infants'

## INFLATERS, Football

Bridgeport Brass Co., Bridgeport, Conn. "No 220"  
Goldsmith (P.) Son, Inc., John & Findlay, Cincinnati, O.  
Noera Mfg. Co., Waterbury, Conn.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.

## INJECTORS and EJECTORS

American Injector Co., 1481 14th, Detroit, Mich.  
Demmond-Stephan Mfg. Co., Urbanna, O.  
Huber (O. R.) Inc., 1723 Power, Cincinnati, O.  
"Leader"  
Ohio Injector Co., Wadsworth, O.  
Penberthy Injector Co., 1242 Holden Av., Detroit, Mich.  
Randle Machinery Co., 1723 Power, Cincinnati, O.  
Schutte-Koerting Co., 12th & Thompson, Phila., Pa.

## INKS, Drawing

Carter Ink Co., E. Cambridge, Boston, Mass.  
Conklin Pen Mfg. Co., Toledo, O.  
Higgins (Chas. M.) & Co., 277 9th, Bklyn., N. Y.  
Premier Chemical Co., Cleveland, O. "Norbo"  
Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O.

INK, India—See Ink, Drawing

## INKS, Marking, Metal

Binney & Smith Co., 41 E. 42nd, New York, N. Y. "Opalac"  
Straenburgh (R. J.) & Co., Rochester, N. Y.

## INKS, Stencil

Binney & Smith Co., 41 E. 42nd, New York, N. Y. "Alpha," "Eclipse"  
Botts Mfg. Co., 79 Crosby, New York, N. Y. "Botts"  
Bradley (A. J.) Mfg. Co., 101 Beekman, New York, N. Y.  
Dexter Mfg. Co., Chicago, Ill.  
Dickey Grabler Co., Cleveland, O.  
Display Material Co., St. Paul, Minn. "Stencillor"  
Ideal Stencil Machine Co., Belleville, Ill.  
Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Markwell"

## INKS, Writing

Carter's Ink Co. (E. Cambridge), Boston, Mass.  
Higgins (Chas. M.) & Co., 277 9th, Bklyn., N. Y. "L-Page's Ink," Gloucester, Mass. "Signet"  
Rumac Cement Co., Gloucester, Mass. "Signet"  
Stafford (S. S.), Inc., 609 Washington, New York, N. Y. "Renol"

INNER TUBES, Automobile—See Tubes, Automobile

INSECT CREAM—See Cream, Insect

INSECT DIFFUSERS—See Diffusers, Insect

INSECT ELECTROCUTORS—See Traps, Insect, Electric, also Screens, Window, Electric

INSECT EXTERMINATOR LAMPS—See Lamps, Exterminator, Insect

INSECT EXTERMINATORS—See Exterminators, Insect

INSECT POWDER GUNS—See Dusters, Insecticide

INSECT REPELLENTS—See Repellents, Fly & Mosquito

INSECT SCREEN CLOTH—See Cloth Wire

INSECTICIDE DUSTERS—See Dusters, Insecticide

INSECTICIDE GARDEN HOSE SPRAYERS—See Sprayers, Garden Hose, Fertilizer & Insecticide

INSECTICIDE SPRAYING MACHINES—See Machines, Insecticide, Spraying, Electric

## INSECTICIDES

(See also Exterminators, Insect; also Fungicides)

Akgem, Inc., Quincy, Ill. "Fly-Mist"  
American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, New York, N. Y. "Cyanogas"  
American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
Antiseptic Products Co., Denver, Colo.  
Astor Exterminating Co., 276 Devonshire, Boston, Mass. "Astorex"  
Baldwin Laboratories, Saegertown, Pa. "Dwin"  
Barnett Chemical Co., 410 Sullivant, Chicago, Ill.  
Barrett Co., 40 Rector, New York, N. Y. "Barrett Creonoid," "Barrett Cattle Spray"  
Bayer-Semesan Co., Inc., Wilmington, Del. "Ceresan," "Duboy," "Nugreen," "Semesan," "Semesan Bel," "Semesan Jr."  
Bonide Chemical Co., Inc., Utica, N. Y. "CC," "Greentox," "Hexpo," "Lestayn," "Zix"  
Boyle, (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Antrol," "Black Flag," "Exit"  
Buckeye Chemical & Specialty Co., 181 E. 23rd, New York, N. Y. "Antube," "Buckeye Antube"  
C-A-Wood Preserver Co., 6623 Delmar Blvd., St. Louis, Mo.  
California Spray-Chemical Corp., 150 Bayway, Elizabeth, N. J. "Deadline," "Volek"  
Carbola Chemical Co., Natural Bridge, N. Y. "C. C. C."  
Carpenter (W. D.) Co., Syracuse, N. Y.  
Chemical Supply Co., 2450 Canal Rd., Cleveland, O.  
Chemo Co., Inc., 131 Porter Av., Buffalo, N. Y.  
Chipman Chemical Co., Inc., Bound Brook, N. J.  
Clifton Chemical Co., 246 Front, New York, N. Y.  
Davis (C. H.) Co., Rome, N. Y. "Davis"  
Dethol Mfg. Co., Inc., 922 E. N. W. Washington, D. C. "Dethol"  
Devco & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
Doggett-Pfeil Co., Springfield, N. J.  
Double B Products Co., Inc., 60 Putnam, Hartford, Conn. "Sure Dead"  
Dow Chemical Co., Midland, Mich.  
Ferguson (Alex. C.) Co., Phila., Pa.  
Flash Chemical Co., Cambridge, Mass. "Café"  
Frederick Disinfectant Co., Atlanta, Ga.  
Garden Hose Insecticide Co., 1015 W. North, Kalamazoo, Mich. "Garden Hose"  
Garden Hose Spray Co., 89 B'way, Cambridge, Mass. "Arnold"  
General Chemical Co., Phila., Pa. "Orchard Brand"  
General Laboratories, Inc., 1000 Widener Bldg., Phila., Pa. "Indor"  
Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Toxol"  
Goulard & Olena, Inc., 140 Liberty, New York, N. Y.  
Grasselli Chemicals Dept. du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Dutox," "Grasselli," "Floragard," "Loro," "Manganar"  
Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulf Spray"  
Hammond Paint & Chemical Co., Beacon, N. Y. "Ant Gas," "Do-All Green Dust," "Hammond's," "Naptoside," "Pest-Kit," "Rotenone," "Slug Shot," "Thrip Juice," "Triad"  
Harvey Research, 276 Devonshire, Boston, Mass.  
Hoffman (A. H.), Inc., Landisville, Pa.  
Horan (J. J.) & Son, 211 N. 7th, St. Louis, Mo. "Pestgo"  
Hy-Grade Colloidal Insecticide Co., Inc., 86-76 109th, Richmond Hill, N. Y. "Colloidal"  
Imperial Products Co., Inc., 1617-31 N. 2nd, Phila., Pa. "Dead Easy"  
Kalo Company, Quincy, Ill.  
Keystone Chemical Co., Inc., 5713 Euclid Av., Cleveland, O.  
Lavo Co. of America, 300 N. 7th, Milwaukee, Wis.  
Lethelin Products Co., Inc., Wood Ridge, N. J. "Borerkill," "Magikill Jelly," "Mystikill"  
Lucas (John) & Co., Phila., Pa.  
Lut Zite Div. Ridge Tool Co., Elyria, O. "Lut Zite"  
Mackwin Co., 328 E. 3rd, Winona, Minn. "Mackwin"  
Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
McCormick Sales Co., McCormick Bldg., Baltimore, Md. "Bee Brand," "Red Arrow"  
McLaughlin Gormley King Co., Minneapolis, Minn. "Ever Green" (Plant)  
Mechling Bros. Chemicals Div. General Chemical Co., Camden, N. J. "Pyrote"  
Merck & Co. Inc., Rahway, N. J. "V. C. P."  
Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "FLYded," "Swish," "Xodor"  
National Sulphur Co., Inc., 420 Lexington Av., New York, N. Y. "Crown," "Magnetic Spray"  
Niagara Sprayer & Chemical Co., Middleport, N. Y.  
O-Cedar Corp., 4501 So. Western Av., Chicago, Ill. "O-Cedar"  
Omar Products Co., 1374 E. Hudson, Columbus, O. "Omar"  
Peerless Stock Powder Co., Falls City, Neb. "Nox-a-Bug"  
Penick (S. B.) & Co., 132 Nassau, New York, N. Y. "Derispray"  
Pioneer Mfg. Co., Cleveland, O. "Acto"  
Pittsburgh Plate Glass Co., Corona Chemical Div., Milwaukee, Wis.  
Plunkett Chemical Co., Chicago, Ill. "Bug-no," "Moth-no," "Roach-no"  
Pratt (B. G.) Co., 50 Church, New York, N. Y. "Scalecide"  
Reade (Morris B.), Inc., 126 Ralph, Belleville, N. J. "Agri-Pax," "Pulvo-Pax"

Reluc Mfg. Co., 276 5th Av., New York, N. Y. "Gardengard"  
Rex Research Corp., Toledo, O. "Flytox"  
Röhm & Haas Co., Inc., 222 W. Washington Sq., Phila., Pa. "Lethane 420"  
Rose Mfg. Co., 37th & Filbert, Phila., Pa. "Killo-gen," "Triogen"  
Rotenone Products Co., Inc., East Orange, N. J. "Nico-ro," "Rotecide"  
Schwank (C. W.) Corp., 4235 Hanover, Baltimore, Md. "Check," "Ritz," "Viking"  
Sherwin-Williams Co., Cleveland, O.  
Sinclair Refining Co., 10 W. 51st, New York, N. Y. "P.D."  
Smith (D. B.) & Co., Utica, N. Y. "Lightning," "Savel"  
Socony-Vacuum Oil Co., Inc., 26 Bway., New York, N. Y. "Bug-A-Boo"  
Soilicide Laboratories, Inc., 8 Laurel Pl., Upper Montclair, N. J. "TAT"  
Spiriline Chemical Co., Wilmington, N. C.  
Stafford (S. S.), Inc., 609 Washington, New York, N. Y. "Renol," "Stakild"  
Stanco Distributors, Inc., 2 Park Av., New York, N. Y. "Flit"  
Standard Chemical Co., Houston, Tex. "Cedo-Cide"  
Standard Chemical Works, Inc., Reading, Pa. "Calso," "Pan-Tox," "San-O-Spray"  
Standard Tar Products Co., Milwaukee, Wis. "Rid-A-Pest," "Usol"  
Superior Laboratories, Grand Rapids, Mich. "Mistalse"  
Talbot Mfg. Co., Los Angeles, Cal. "Talbot's"  
Tobacco By-Products & Chemical Corp., Inc., Louisville, Ky. "Black Leaf 40"  
Tongue (R. E.) & Bros. Co., Inc., Allegheny Av. & Amber, Phila., Pa. "Big Chief"  
Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y. "Foramba," "Wonder"  
Vaporine Co., 216 B. W. Kinzie, Chicago, Ill. "Vapocide"  
West Disinfecting Co., 16 Barn, Long Island City, N. Y.  
White Tar Co. of New Jersey, Inc., Kearny, N. J.  
Wonder Products Co., Salisbury, N. C.  
Zoro Co., 844 W. Erie, Chicago, Ill.

INSERTED TOOTH SAWS—See Saws, Inserted

INSPECTION LAMPS, Electric—See Lamps, Electric, Hand or Inspection

INSPECTION STAMPS—See Stamps, Log Hammer and Inspection

INSPECTORS' LANTERNS—See Lanterns, Inspectors'

## INSTALLATORS, Damper

Griswold Mfg. Co., Erie, Pa.

INSTRUMENT, TUBE TESTER—See Radio Tube Tester

## INSTRUMENTS, Drawing

Altender (T. A.) & Sons, 1217 Spring Garden, Phila., Pa.

## INSTRUMENTS, Humidity

Bristol Co., Waterbury, Conn.  
Fee & Stemwedel, Inc., 4949 N. Pulaski Rd., Chicago, Ill. "Airguide"  
Rochester Mfg. Co., Inc., Rochester, N. Y. "Humidimeter," "Humiditherm"  
Taylor Instrument Co., Rochester, N. Y. "Humidiguide"

## INSTRUMENTS, Mathematical and Survey

Ainsworth (Wm.) & Sons, Inc., 2151 Lawrence, Denver, Colo. "Brunton"  
Warren-Knight Co., 136 N. 12th, Phila., Pa. "Sterling"  
Wissler Instrument Co., 613 N. Bway., St. Louis, Mo.

INSTRUMENTS, Musical, Toy—See Musical Toys and Instruments

INSTRUMENTS, Surveying—See Instruments, Mathematical and Surveying

INSULATED BOTTLE LUNCH KITS—See Kits, Lunch, Insulated Bottle

INSULATED BOTTLES—See Bottles, Insulated

INSULATED JUGS—See Jugs, Insulated

INSULATED PICNIC CONTAINERS—See Containers, Picnic, Insulated

INSULATED PLIERS—See Pliers, Electricians'

INSULATED PORCELAIN EYES—See Eyes, Porcelain, Insulated

INSULATED SCREW DRIVERS—See Screw Drivers, Insulated

INSULATED STAPLES—See Staples, Insulated

INSULATED WATER SETS—See Sets, Water, Insulated

INSULATED WIRE—See Wire, Insulated

INSULATING CAPS FOR BOLTS, Nuts & Screws—See Caps, Bolt, Nut & Screw

INSULATING MATERIALS—See Article Desired

INSULATING TAPE—See Tape, Rubber and Friction

INSULATING WASHERS—See Washers, Mica

# MIAMI

## BATHROOM CABINETS AND ACCESSORIES

For only a few dollars more than the cost of a cheap, tinny cabinet the average bathroom can be equipped with a MIAMI Cabinet that matches the beauty of *any* bathroom equipment, however deluxe.

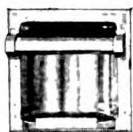
MIAMI offers outstanding values . . . life-time beauty . . . exclusive, original designs . . . at good dealer profits. The most complete line . . . over 140 models. Nationally advertised. Write for catalog HA.

### MIAMI CABINET DIVISION

*The Philip Carey Company*  
MIDDLETOWN, OHIO

### MIAMI-COLONIAL ACCESSORIES

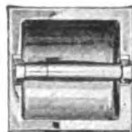
. . . retain their beauty and brilliance through years of hard wear. Made of forged brass, chromium-plated. Moderately priced. Ideal for progressive hardware dealers. Recessed and Projection types.



No. 4024  
Soap Holder  
and Grab  
Bar



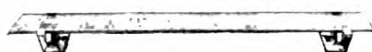
No. 4023  
Tumbler  
Holder



No. 4020  
Paper  
Holder



No. 4022  
Soap  
Holder



No. 4009—18" Crystal Glass Shelf



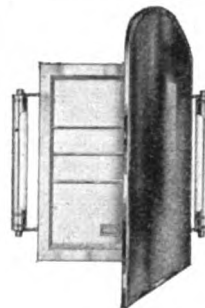
No. 4001—Tumbler  
Holder



### *The* IMPERIAL

. . . an exclusive, deluxe model, distinguished by the skillful blending of chrome and glass.

Copper backed mirrors guaranteed for five years. Indirect lighting. All wiring completed at factory. Spacious side cabinets. Cabinet of one-piece ARMCO steel finished inside in white Crystal Snow.

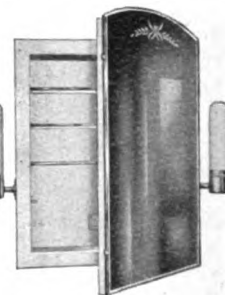


#### No. 1 Light Brackets

. . . have chromium-plated shields adjustable in all arcs of a 180° angle. Cabinets completely wired at factory.

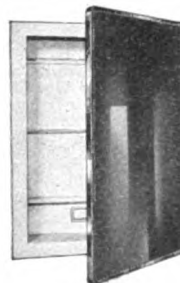
#### No. 406 (right)

. . . all-mirror door, equipped with demitubular light brackets, light switch and convenience plug. Completely wired at factory.



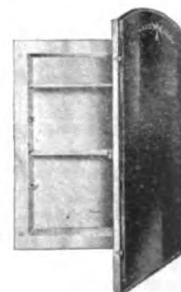
#### Nos. 2030, 2040, 2050

. . . stainless steel framed, all-mirror door models. Cabinets of one piece ARMCO steel. Comes in three sizes.



#### No. 405 (right)

. . . all-mirror door, mirror copper-protected, guaranteed for five years against silver spoilage.





**INSULATION, Batt, Mineral Wool**

Alton Mineral Wool Insulation Co., Arcade Bldg., St. Louis, Mo.  
 American Insulation Corp., 20 W. Jackson Blvd., Chicago, Ill.  
 Barrett Co., 40 Rector, New York, N. Y.  
 Carey (Philip) Co., (Lockland) Cincinnati, O.  
 Celotex Corp., 919 N. Michigan, Chicago, Ill.  
 Eagle-Picher Lead Co., Temple Bar Bldg., Cincinnati, O.  
 Ehret Magnesia Mfg. Co., Valley Forge, Pa.  
 Flintkote Co., 50 W. 50th, New York, N. Y.  
 General Insulation & Mfg. Co., Alexandria, Ind.  
 Insulite Co., Builders Exchange Bldg., Minneapolis, Minn.  
 Johns-Manville Co., 22 E. 40th, New York, N. Y.  
 Keesbey & Mattison Co., Ambler, Pa.  
 Masonite Corp., 111 W. Washington, Chicago, Ill.  
 Ruberoid Co., 500 Fifth Av., New York, N. Y.  
 Union Rock Wool Corp., Wabash, Ind.  
 United States Gypsum Co., 300 W. Adams, Chicago, Ill.

**INSULATION, Blanket, Fibre**

American Insulation Corp., 20 W. Jackson Blvd., Chicago, Ill.  
 Cabot (Samuel) Inc., 141 Milk, Boston, Mass.  
 Coast Insulating Co., 634 S. Western Av., Los Angeles, Cal.  
 Ehret Magnesia Mfg. Co., Valley Forge, Pa.  
 Kimberly-Clark Corp., Neenah, Wis. "Kimsul"  
 Standard Asbestos Mfg. Co., 820 W. Lake, Chicago, Ill.  
 Thilmany Pulp & Paper Co., Kaukauna, Wis.  
 Wood Conversion Co., St. Paul, Minn.

**INSULATION, Blanket, Mineral Wool**

Alton Mineral Wool Insulation Co., Arcade Bldg., St. Louis, Mo.  
 American Insulation Corp., 20 W. Jackson Blvd., Chicago, Ill.  
 Barrett Co., 40 Rector, New York, N. Y.  
 Carey (Philip) Co., (Lockland) Cincinnati, O.  
 Coast Insulating Co., 634 S. Western Av., Los Angeles, Cal.  
 Ehret Magnesia Mfg. Co., Valley Forge, Pa.  
 General Insulating & Mfg. Co., Alexandria, Ind.  
 Johns-Manville Co., 22 E. 40th, New York, N. Y.  
 Keesbey & Mattison Co., Ambler, Pa.  
 Mineral Insulation Co., Chicago Ridge, Ill.  
 Ruberoid Co., 500 Fifth Av., New York, N. Y.  
 Standard Asbestos Mfg. Co., 820 W. Lake, Chicago, Ill.  
 Union Rock Wool Corp., Wabash, Ind.  
 United States Gypsum Co., 300 W. Adams, Chicago, Ill.  
 Western Rock Wool Corp., Huntington, Ind.

**INSULATION, Blanket, Paper**

American Insulation Corp., 20 W. Jackson Blvd., Chicago, Ill.  
 Angier Corp., Framingham, Mass.  
 Coast Insulation Co., 634 S. Western Av., Los Angeles, Cal.  
 Ehret Magnesia Mfg. Co., Valley Forge, Pa.  
 Hinde & Dauch Paper Co., Sandusky, O.  
 Thilmany Pulp & Paper Co., Kaukauna, Wis.

**INSULATION, Board, Asbestos-Cement**

American Insulation Corp., 20 W. Jackson Blvd., Chicago, Ill.  
 Carey (Philip) Co., (Lockland) Cincinnati, O.  
 Celotex Corp., 919 N. Michigan, Chicago, Ill.  
 Ehret Magnesia Mfg. Co., Valley Forge, Pa.  
 Johns-Manville Co., 22 E. 40th, New York, N. Y.  
 Keesbey & Mattison Co., Ambler, Pa.  
 Ruberoid Co., 500 Fifth Av., New York, N. Y.  
 Sall Mountain Co., 176 W. Adams, Chicago, Ill.  
 "Sal-Mo"  
 Standard Asbestos Mfg. Co., 820 W. Lake, Chicago, Ill.

**INSULATION BOARD FASTENERS—See Fasteners, Board, Insulation****INSULATION, Board, Fibre, Cane**

Celotex Corp., 919 N. Michigan, Chicago, Ill.  
 Flintkote Co., 50 W. 50th, New York, N. Y.  
 Masonite Corp., 111 W. Washington, Chicago, Ill.  
 Wood Conversion Co., St. Paul, Minn.

**INSULATION, Board, Fibre, Wood**

Cornell Wood Products Co., 230 N. Michigan Av., Chicago, Ill.  
 Homasote Co., Trenton, N. J.  
 Insulite Co., Builders Exchange Bldg., Minneapolis, Minn.  
 Masonite Corp., 111 W. Washington, Chicago, Ill.  
 United States Gypsum Co., 300 W. Adams, Chicago, Ill.  
 Wood Conversion Co., St. Paul, Minn.

**INSULATION, Reflective**

American Flange & Mfg. Co., Inc., 30 Rockefeller Plaza, New York, N. Y. "Ferro-Therm"  
 Certain Teed Products Corp., 100 E. 42nd, New York, N. Y.  
 Reynolds Metals Co., Inc., Richmond, Va. "Metallation"  
 Ruberoid Co., 500 5th Av., New York, N. Y. "Air-Met"

**INSULATION WIRE STRIPPERS—See Strippers, Wire, Insulation****INSULATION WOOL—See Wool, Rock****INSULATOR BRACKETS—See Brackets, Insulator****INSULATORS, Antenna, Radio**

Circle F. Mfg. Co., Trenton, N. J. "Big Joe," "Little Joe," "Medium Joe"  
 Porcelain Products, Inc., Findlay, O.

**INSULATORS, Electric Fence**

Electric Fence Co., 177 Knifans Bldg., White-water, Wis.  
 Knox Porcelain Corp., Knoxville, Tenn.  
 Porcelain Products, Inc., Findlay, O.  
 Wisconsin Porcelain Co., Sun Prairie, Wis.

**INSURANCE, Fire**

Hardware Dealers Mutual Fire Ins. Co., Stevens Point, Wis.  
 Hardware Mutual Casualty Co., Stevens Point, Wis.  
 Hardware Mutual Insurance Co. of Minnesota Minneapolis, Minn.  
 Minnesota Implement Mutual Fire Ins. Co., Owatonna, Minn.  
 Nebraska Hardware Mutual Ins. Co., 325 Lincoln Liberty Life Bldg., Lincoln, Nebr.

**INTERVIEWING DOOR LOOKOUTS—See Door Lookouts For Interviewing****INVALID ELEVATORS—See Elevators, Invalid****INVALID LIFTS—See Elevators, Invalid****INVISIBLE DOOR CLOSERS—See Closers, Door, Concealed****INVISIBLE HINGES—See Hinges, Invisible****INVISIBLE LATCHES—See Latches, Invisible****IRON, Angle, Channel and "T"—See Steel or Iron, Angle, Channel and "T"****IRON BANKS, Toy—See Banks, Toy****IRON, Bar—See Steel or Iron, Bar****IRON BURS—See Burrs and Rivets, Iron****IRON BUTTS—See Butts, Iron****IRON CEMENT—See Cement, Cast Iron****IRON CHAIRS—See Chairs, Lawn****IRON DOLL BEDS—See Beds, Doll****IRON FENCE—See Fence and Railings, Iron****IRON FERRULES—See Ferrules, Iron and Steel****IRON GRATINGS—See Gratings, Iron****IRON GRIDDLES—See Griddles, Iron****IRON KETTLES—See Kettles, Cast Iron****IRON LAMPS—See Lamps, Artistic Bronze and Wrought Iron****IRON PAIS—See Pails, Galvanized****IRON PIPE—See Pipe****IRON PIPE CUTTERS—See Cutters, Pipe****IRON POSTS—See under Posts****IRON RAILING—See Railing, Pipe, Iron****IRON RAILINGS—See Fence and Railings, Iron****IRON RINGS—See Rings, Iron and Steel****IRON RIVETS—See Rivets, Iron; also Burrs and Rivets, Iron****IRON SETTEES—Furniture, Garden, Lawn and Porch****IRON SQUARES—See Squares, Iron****IRON STAIRS—See Stairs, Iron****IRON VALVES—See Valves, Iron****IRON VASES—See Vases, Lawn****IRON WASHERS—See Washers, Iron****IRON WORK, Ornamental**

Badger Wire & Iron Wks., Milwaukee, Wis.  
 Columbus Wire & Iron Wks. Co., Columbus, O.  
 Davis & Siehl Co., Cincinnati, O.  
 Enterprise Fence & Wire Mfg. Co., Indianapolis, Ind.  
 Good's Wrought Iron Ornamental Wks., Lebanon, Pa.  
 Hopewell Mfg. Co., Hopewell, N. J.  
 Logan Co., Louisville, Ky.  
 Pekar Foundry Co., Columbus, Ga.  
 Rostand Mfg. Co., Milford, Conn.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
 IRON WORKERS WRENCHES—See Wrenches, Bridge Builders

**IRONERS, Electric**

Altorfer Bros. Co., Peoria, Ill. "ABC"  
 American Ironing Machine Co., Algonquin, Ill. "Simplex"  
 Apex Rotarex Corp., 1070 E. 152nd, Cleveland, O. "Apex"  
 Armstrong Products Corp., Huntington, W. Va. "Armstrong Porta-Letric," "Master"  
 Automatic Washer Co., Newton, Ia. "Automatic"  
 Barlow & Seelig Mfg. Co., Ripon, Wis. "Simplex"  
 Barton Corp., West Bend, Wis. "Barton," "Ironette"  
 Blackstone Corp., Jamestown, N. Y.  
 Chamberlain Corp., Waterloo, Ia.  
 Conlon Corp., Chicago, Ill.  
 Crosley Corp., 1329 Arlington, Cincinnati, O. "Savamaid"  
 Dexter Co., Fairfield, Ia. "Dexter"  
 Easy Washing Machine Corp., Syracuse, N. Y. "Easy"  
 Edison General Electric Appliance Co., Inc., 5600 W. Taylor, Chicago, Ill. "Hotpoint"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "GE"

Holland-Rieger Co., Sandusky, O. "Faultless"  
 Horton Mfg. Co., Fort Wayne, Ind. "Horton"  
 Hurley Machine Co., Chicago, Ill. "Thor"  
 Ironrite Iron Co., 38 Piquette, Detroit, Mich. "Ironrite"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Maytag Co., Newton, Ia.  
 Meadows Corp., Bloomington, Ill. "Gainaday," "Meadows"  
 Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich. "Kelvinator"  
 Nineteen Hundred Corp., St. Joseph, Mich. "Whirlpool"  
 Norge Div., Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Norge Duotrol"  
 One Minute Washer Co., Kellogg, Ia. "One Minute"  
 Victor Electric Products, Inc., 2950 Robertson Av., Cincinnati, O. "Victor Mono-Matic"  
 Voss Bros. Mfg. Co., Davenport, Ia.  
 Young & Franklin Tool Wks., Inc., Syracuse, N. Y.  
 Westinghouse Electric & Mfg. Co., Mansfield, O.  
**IRONING BOARD CABINETS—See Cabinets, Ironing Board**

**IRONING BOARD COVERS AND PADS—See Covers and Pads, Ironing Board****IRONING BOARDS—See Boards, Ironing****IRONING BOARDS, Toy—See Boards, Ironing, Toy****IRONING CORD SETS—See Sets, Cord, Electric****IRONING MACHINES—See Ironers, Electric****IRONING TABLES—See Tables, Ironing****IRONS, Brace, Corner, Etc.**

Alto Mfg. Co., Chicago, Ill.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Champion Hardware Co., Geneva, O.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. "Micklin Dual"  
 Eberhard Mfg. Co. Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S. E., Cleveland, O.  
 Excelsior Tool & Mfg. Co., 831 E. 147th, New York, N. Y.  
 Fleming (J. P.), Inc., Worcester, Mass. "Flemco"  
 Frantz Mfg. Co., Sterling, Ill.  
 General Hardware Mfg. Co., 16 Warren, New York, N. Y.  
 Green (G. G.) Mfg. Co., Warren, Pa.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
 Lawrence Bros., Sterling, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Mfg. Co., Sterling, Ill.  
 Phenix Mfg. Co., 26821 N. Humboldt Blvd., Milwaukee, Wis.  
 Plume & Atwood Mfg. Co., Waterbury, Conn. "Eagle"  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Safe Padlock & Hdw. Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Signode Steel Strapping Co., 2635 N. Western Av., Chicago, Ill. "Apex"  
 Stanley Wks., New Britain, Conn.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Weber-Knapp Co., Jamestown, N. Y.  
 Western Products, Inc., New Castle, Ind.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**IRONS, Branding—See Brands, Branding****IRONS, CAULKING—See Tools, Caulking****IRONS, Curling**

Houchin (Thos. W.) Corp., 9 McPherson Pl., Jersey City, N. J.  
 Mackie-Lovejoy Mfg. Co., 1701 W. 13th, Chicago, Ill.  
 Peerless Novelty Co., 105 Fulton, Grand Haven, Mich.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Washburn Co., Worcester, Mass.

**IRONS, Curling, Electric**

Bersted Mfg. Co., Fostoria, O.  
 Betay Ross Electric Products Corp., Johnson City, N. Y.  
 Dominion Electric Mfg. Co., Mansfield, O. "Domino"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
 Jiffy Electric Co., Inc., Hazel Park Station, Royal Oak, Mich.  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "Km," "Kwikway"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H Electric"  
 Mackie-Lovejoy Mfg. Co., 1701 W. 13th, Chicago, Ill.  
 National Stamping & Electric Wks., Chicago, Ill. "White Cross"  
 Ohio Art Co., Bryan, O. "Delta"  
 Peerless Novelty Co., 105 Fulton, Grand Haven, Mich.  
 Samson-United Corp., Rochester, N. Y.  
 Superior Elec. Products Corp., Cape Girardeau, Mo. "Brown Beauty," "Superelectric"  
 Westinghouse Electric & Mfg. Co., Mansfield, O.

# NORCROSS

## GARDEN AND LAWN TOOLS

### For Nearly Half a Century

the NORCROSS trademark has stood for the utmost in quality, design, workmanship and finish. And the BUSHNELL popular-priced line enables the Independent Hardware Retailer to meet ANY competition.

**CULTIVATORS** 5-Prong, 3-Prong and Midget, in both brands. Sharp, tempered-steel detachable blades; selected ash handles; light weight.

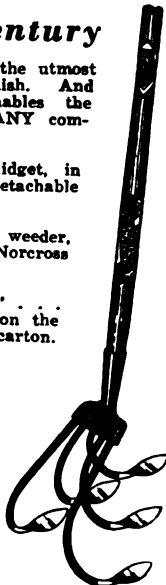
**MULCHERS** 4 tools in one . . . cultivator, weeder, mulcher and plow. A very popular seller. Norcross No. 10, Bushnell No. 10B.

**WEEDERS** The well-known "OUT-U-KUM" . . . for years the fastest selling Weed Puller on the market. Packed 6 in attractive display carton. Popular priced.

No. 35  
"OUT-U-KUM"  
WEEDER



Bushnell  
No. 10B  
Mulcher



No. 55  
Norcross  
5-Prong  
Cultivator

NO. 70N  
NORCROSS

DANDELION  
PULLER



Patented in  
U.S.A. and Canada

### Nothing Like It On The Market!

A real contribution to home gardening. Simple, yet efficient . . . never fails. Easy-penetrating one-piece, thin blade, drop forged of high carbon steel. White ash handle, wax finished. Length 45 in. Lots of "eye appeal".

### New Stream-Line V-Point Weeders

Superior to any on the market . . . better balanced . . . sharper cutting edge . . . penetrates more easily; polished 1-piece high carbon steel blade . . . long shank . . . reinforced back . . . better appearance.

WRITE for literature and name of nearest Independent Wholesaler.

**C. S. NORCROSS & SONS**  
BUSHNELL ILLINOIS  
Quality Garden Tools Since 1891

## NEW & ATTRACTIVE VALUES BY "NEW HAVEN"

### "VEGA" KITCHEN CLOCK A New Electric Design

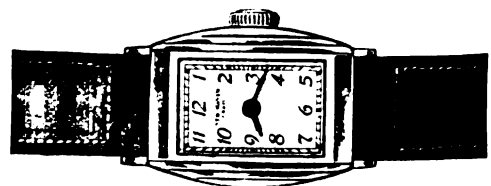
VERY slow speed motor—3 revolutions per second. Consumes only *one watt*. Extra long life, unquestionable accuracy. If current breaks, clock stops until again set, when it automatically starts and unfailingly shows correct time.

Moulded plastic case in Ivory, Green, Red or White. White metal dial, black hands and numerals, red hour markers, red sweep second hand. Motor has soft, friendly second tick. Height, 7". Retail price, \$2.50.



### SWEEP SECOND POCKET WATCH

Something decidedly different in a low-priced pocket watch! Not only a dependable timepiece, but useful for clocking photo and manufacturing processes, sports, etc. Has chromium-plated, dust-proof case, white metal dial, black hour hands, red sweep second hand, black and gold-color numerals, unbreakable crystal. Temperature-compensated movement. Retail price, \$1.95.



### "DUKE" WRIST WATCH

A very unusual value. SEVEN JEWEL MOVEMENT, "BEK" YELLOW GOLD plated case with stainless steel back, curved to fit the wrist. Metal dial with etched numerals and unbreakable crystal. Pigskin strap with gold-plated buckle. Has temperature-compensated movement. Retail price, only \$6.50.

### "IOTA" ALARM

Has moulded plastic case in choice of Ivory, Green or Terra Cotta. White metal dial with gold-color center disc and minute track and black numerals and hands. Convex glass crystal. 30-hour, temperature-compensated movement. 4 1/4" high, 4 1/2" wide, 2" deep. Retail price, \$1.50.



Your jobber can supply the above and numerous other big "New Haven" values.

THE NEW HAVEN CLOCK COMPANY, NEW HAVEN, CONN.

# NEW HAVEN

## Timepieces

Mention Hardware Age When Writing

Digitized by Google

**IRONS, Hay Rack**

Allith-Prouty, Inc., Danville, Ill.  
 Cheney (S.) & Son, Manlius, N. Y.  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Loudon Machinery Co., Fairfield, Ia.  
 Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
 Ney Mfg. Co., Canton, O.  
 Starline, Inc., Harvard, Ill. "Star"  
 Wagner Mfg. Co., Cedar Falls, Ia.  
**IRONS, KNURLING—See Tools, Knurling**  
**IRONS, Leg—See Handcuffs, Twisters, Leg Irons, Etc.**

**IRONS, Patty**

Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Rosette" (Swedish)

**IRONS, Plane**

Buck Bros., Millbury, Mass.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Shamrock" (British)  
 Mack & Co., Rochester, N. Y. "D. R. Barton"  
 Millers Falls Co., Greenfield, Mass.  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Shark" (Swedish)  
 Sargent & Co., New Haven, Conn.  
 Shelton Tool Co., Shelton, Conn.  
 Stanley Tools Div. of Stanley Works, New Britain, Conn.  
 White (L. & I. J.) Co., Division of the Simonds-Worden-White Co., Dayton, O.

**IRONS, Porch Post**

American Fdry. & Mfg. Co., St. Louis, Mo.  
 Penn. Hdw. Co., Reading, Pa.  
 Susquehanna Casting Co., Wrightsville, Pa.  
 Swett (A. L.) Iron Works, Medina, N. Y.

**IRONS, Sad, Charcoal**

Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.  
 Colebrookdale Iron Co., Boyertown, Pa. "Bless & Drake"

**IRONS, Sad, Electric**

American Electrical Heater Co., Detroit, Mich. "American Beauty"  
 Ark Mfg. Co., 1035 Spring Garden, Phila., Pa. (Cordless)  
 Bersted Mfg. Co., Fostoria, O. "Lightning" (Automatic)  
 Betsy Ross Electric Products Corp., Johnson City, N. Y. (Automatic)  
 Birtman Elec. Co., Chicago, Ill. "Bee-Vac" (Automatic)  
 Brannon, Inc., 14307 3rd Av., Detroit, Mich. "Zephyr" (Cordless)  
 Chicago Electric Mfg. Co., Chicago, Ill. "Handy Hot" "De Luxe"  
 Chicago Flexible Shaft Co., Chicago, Ill. "Domestic" "Ironmaster" "Princess" "Sunbeam Master Automatic"  
 Colebrookdale Iron Co., Boyertown, Pa. "Kolebrook"  
 Coleman Lamp & Stove Co., Wichita, Kan. "Coleman"  
 De Jur Electric Wks., 124 Bleeker, New York, N. Y.  
 Dixie Metal Products Co., Birmingham, Ala.  
 Dominion Electrical Mfg. Co., Mansfield, O. "Domino" "Iron-O-Matic" (Automatic)  
 Electrical Products Co., 6535 Russell, Detroit, Mich. "Chereton" (Cordless)  
 Ev'ryday Electric Co., Marion, Ind.  
 Fitzgerald Mfg. Co., Torrington, Conn. "Fitzgerald Magic Maid"  
 General Electric Co., 1235 Boston Av., Bridgeport, Conn. "Hotpoint"  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "Km." "Kwikway"  
 Landers, Frary & Clark, New Britain, Conn. "Red Star" "Universal" (Automatic)  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H Electric"  
 Mackie-Lovejoy Mfg. Co., 1701 W. 13th, Chicago, Ill. "Tra-Valet"  
 Manning, Bowman & Co., Meriden, Conn.  
 Metal Ware Corp., Two Rivers, Wis. "Empire"  
 National Stamping & Electric Wks., Chicago, Ill. "1922" "Superior" "248" "White Cross" (Automatic)  
 Ohio Art Products Co., Bryan, O. "Delta"  
 Proctor Electric Co., 7th & Tabor Rd., Phila., Pa. "Never-Lift" (Automatic)  
 Rutenber Electric Co., Marion, Ind. "Marion"  
 Samson-United Corp., Rochester, N. Y. "Red Seal" "Visu Heat" "Visumatic"  
 Sterling Mach. & Stamping Co., Wellington, O. "Sterling"  
 Stern-Brown, Inc., 42-24 Orchard, Long Island City, N. Y. "Superstar"  
 Superior Electric Products Corp., Cape Girardeau, Mo. "Glide Easy" "Superelectric"  
 Waage, A. H., 27 Warren, New York, N. Y.  
 Waage Mfg. Co., 3982 W. Barry Av., Chicago, Ill. "Triple Heat"  
 Westinghouse Electric & Mfg. Co., Mansfield, O. "Adjust-O-Matic" "De Luxe Streamline" "800 Watt" "Household" "Lightweight" "Mastermatic" "Standard Adjust-O-Matic" "Streamline"  
 Wested Hdw. Mfg. Co., Winsted, Conn. "Durabilt"

**IRONS, Sad, Gas**

Colebrookdale Iron Co., Boyertown, Pa. "Superior"

**IRONS, Sad, Gasoline**

American Gas Mach. Co., Inc., Albert Lea, Minn. "Sun Flame"  
 Coleman Lamp & Stove Co., Wichita, Kan. "Coleman" "Self Heating"  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 National Stamping & Electric Wks., Chicago, Ill. "Comfort" "Nulite"  
 Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant" (Also Kerosene)  
 Royal Self-Heating Iron Co., Big Prairie, O. "Royal"

**IRONS, Sad, Plain**

Arcade Mfg. Co., Freeport, Ill.  
 Colebrookdale Iron Co., Boyertown, Pa. "Common" "Mrs. Potts" "Sensible"  
 Cumberland Foundry & Mfg. Co., Nashville, Tenn.  
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"  
 Lodge Mfg. Co., South Pittsburgh, Tenn.  
 Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
 Southern Skein & Foundry Co., Chattanooga, Tenn. "So. Crescent"  
 Williams (A. C.) Co., Ravenna, O.

**IRONS, Sad, Steam, Electric**

Steam-O-Matic Corp., 228 South First, Milwaukee, Wis. "Steam-O-Matic"  
 Steem-Electric Corp., 4632 W. Flourissant, St. Louis, Mo. "Steem-Electric"  
 Stillman Products Co., Inc., 389 E. 165th, New York, N. Y. "Steam King"

**IRONS, Sash Cord**

Sargent & Co., New Haven, Conn.  
**IRONS, Soldering—See also Coppers, Soldering**

**IRONS, Soldering, Electric**  
(See also Coppers, Soldering)

American Electrical Heater Co., Detroit, Mich. "American Beauty"  
 Betsy Ross Electric Products Corp., Johnson City, N. Y.  
 Carron Mfg. Co., Chicago, Ill. "Hercules Solderite" "Midget Solderite"  
 Cornish Wire Co., 30 Church, New York, N. Y. "Blue Comet"  
 Dominion Electrical Mfg. Co., Mansfield, O. "Domino"  
 Drake Electric Wks., Inc., 3656 Lincoln Av., Chicago, Ill. "Soldier King"  
 Electric Soldering Iron Co., Inc., Deep River, Conn. "Esico Industrial" "Esico Junior" "Esico Midget" "Esico Nick Nack" "Esico Trophy"  
 Everhot Mfg. Co., Flothow & St. Charles, Maywood, Ill.  
 General Electric Co., 1235 Boston Av., Bridgeport, Conn. "Hotpoint"  
 Hexacon Electric Co., 161 W. Clay Av., Roselle Park, N. J. "Hex-A-Con"  
 Ideal Commutator Dresser Co., 1039 Park Av., Sycamore, Ill. "Ideal"  
 Jackson Electro Corp., 625 Bway., New York, N. Y. "Standard"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lenk Mfg. Co., Newton Lower Falls, Mass.  
 National Specialties Co., Inc., 1902 Howell, Fort Wayne, Ind. "Regular" "Super-Industrial"  
 Nu-Tone Laboratories, Inc., 40 N. Wells, Chicago, Ill.  
 Peerless Novelty Co., 105 Fulton, Grand Haven, Mich. "Diamond" "Peerless"  
 Samson-United Corp., Rochester, N. Y.  
 Schartow Iron Products Co., Racine, Wis. "Sipco"  
 So-Lo Works, Cincinnati, O. "Red Hot"  
 Stanley Tools Div. of Stanley Works, New Britain, Conn. "Victor"  
 Sta-Warm Elec. Co., Ravenna, O.  
 Suttle Equipment Co., Inc., Lawrenceville, Ill. "Soderwant"  
 Testrite Instrument Co., 57 E. 11th, New York, N. Y. "Heatrite"  
 Vasco Electrical Mfg. Co., 4116 Avalon Blvd., Los Angeles, Cal.  
 Vulcan Electric Co., 600 Broad, Lynn, Mass. "Mercury" "Vulcan"  
 Waage, A. H., 27 Warren, New York, N. Y.  
 Wellmade Electric Mfg. Co., Torrington, Conn. "Wellmade"

**IRONS, Soldering, Gasoline**

Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"

**IRONS, Wafer**

Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Kornu Kopia Krumb Kake" "Rosette" (Swedish)

**IRONS, Waffle**

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
 Birmingham Stove & Range Co., Birmingham, Ala.  
 Chicago Hdw. Fdry. Co., N. Chicago, Ill. "Favorite" "Sanivare"  
 Gray & Dudley Co., Nashville, Tenn.  
 Griswold Mfg. Co., Erie, Pa. "American"  
 Marietta Hollow Ware & Enameling Co., Marietta, Pa.

Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. (Swedish)  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Wagner Mfg. Co., Sidney, O.  
 Wrightsville Hdw. Co., Wrightsville, Pa.

**IRONS, Waffle, Electric**

Bersted Mfg. Co., Fostoria, O.  
 Betsy Ross Electric Products Corp., Johnson City, N. Y.  
 Birtman Electric Co., Chicago, Ill. "Bee Vac"  
 Chicago Electric Mfg. Co., Chicago, Ill.  
 Chicago Flexible Shaft Co., Chicago, Ill. "Waffle-witch"  
 Dominion Electrical Mfg. Co., Mansfield, O. "Domino" "Modern Mode"  
 Ev'ryday Electric Co., Marion, Ind.  
 General Electric Co., 1235 Boston Av., Bridgeport, Conn. "Hotpoint"  
 General Mfg. Co., Inc., 1110 E. 5th, Dayton, O. "Servmor"  
 Griswold Mfg. Co., Erie, Pa.  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "Km." "Kwikway" "Tel-A-Matic"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H Electric"  
 McGraw Electric Co., Toastmaster Products Div., Elgin, Ill. "Toastmaster"  
 Manning, Bowman & Co., Meriden, Conn. "Twin-O-Matic"  
 Metal Ware Corp., Two Rivers, Wis. "Empire"  
 National Stamping & Electric Wks., Chicago, Ill. "White Cross"  
 Porceller Mfg. Co., Greensburgh, Pa.  
 Proctor Electric Co., 7th & Tabor Rd., Phila., Pa. (Automatic)  
 Rutenber Electric Co., Marion, Ind. "Marion"  
 Samson-United Corp., Rochester, N. Y. "Lifton"  
 Superior Electric Products Corp., Cape Girardeau, Mo. "Superelectric"  
 Utility Electric Co., St. Louis, Mo.  
 Waage, A. H., 27 Warren, New York, N. Y.  
 Waage Mfg. Co., 3982 W. Barry Av., Chicago, Ill.  
 Westinghouse Elec. & Mfg. Corp., Mansfield, O. "China Base" "Chrome Plate" "Sentinel Adjust-O-Matic" "Waffle Servi-Set"

**IRONS, Waffle, Toy**

Wagner Mfg. Co., Sidney, O.  
**IRRIGATING HOSE—See Hose, Irrigating**  
**IRRIGATING PUMPS—See Pumps, Irrigating**  
**IRRIGATING SHOVELS—See Shovels, Irrigating**

**IRRIGATORS, Soil**

Hastings Canvas & Mfg. Co., Hastings, Neb. "Soil-Soaker"  
 Scofield Mfg. Co., Palo Alto, Cal. "Water Wand"

**IRRIGATORS, Sub-Soil**

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 Colvin Co., 325 W. Huron, Chicago, Ill. "Colvin"  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa. "Springator"  
 Messmer Brass Co., 2700 S. 7th Blvd., St. Louis, Mo.

**ISINGLASS**

American Glass Wks., 47 West, New York, N. Y.  
 Rockport Isinglass Co., Rockport, Mass.

**ISOLATED LIGHTING PLANTS—See Lighting Plants, Farm Electric****JACK HANDLES—See Handles, Logging Tool****JACK KNIVES—See Knives, Pocket****JACK PLANES—See Planes****JACKETS, Fishing—See Jackets, Hunting and Fishing****JACKETS, Hunting and Fishing**

American Pad & Textile Co., Greenfield, O. "Tat-Pat-Co"

**Drybak Corp., Binghamton, N. Y.**

Dubow (J. A.) Mfg. Co., Chicago, Ill.  
 G. R. C. Mfg. Co., Olean, N. Y.  
 Hettrick Mfg. Co., 1401 Summit, Toledo, O.  
 Hirsch-Weiss Mfg. Co., Portland, Ore.  
 Ideal Shirt Co., Sykesville, Pa.  
 Imperial Knitting Co., Milwaukee, Wis.  
 Oletime Woodman's Line, Paxton, Mass.  
 Red Head Brand Co., Chicago, Ill.  
 Super Dux Co., 12th & Michigan Av., Detroit, Mich. "Super Dux" "Super Fab"  
 Utica-Duxbak Corp., Utica, N. Y.  
 Woolrich Woolen Mills, Woolrich, Pa. "Woolrich"

**JACKS, Automatic Lowering**

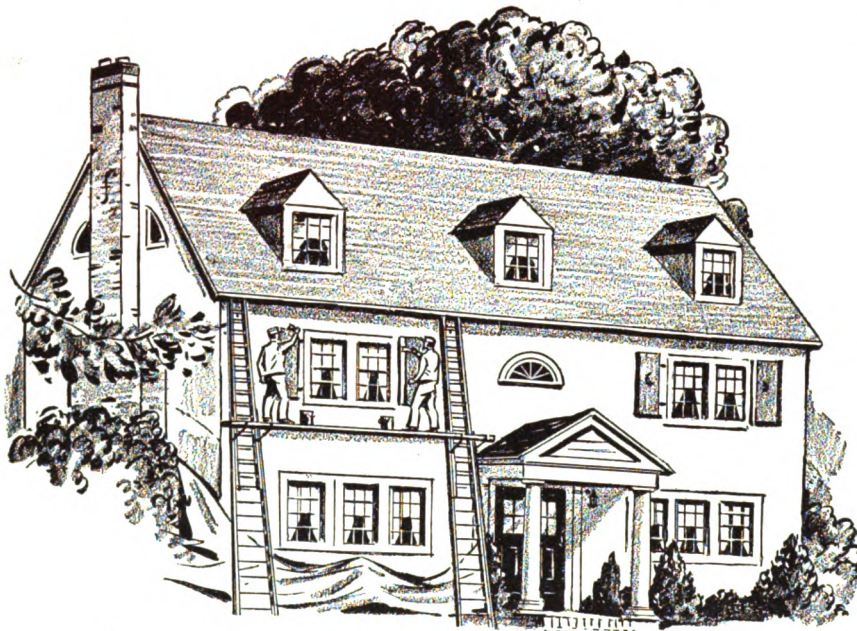
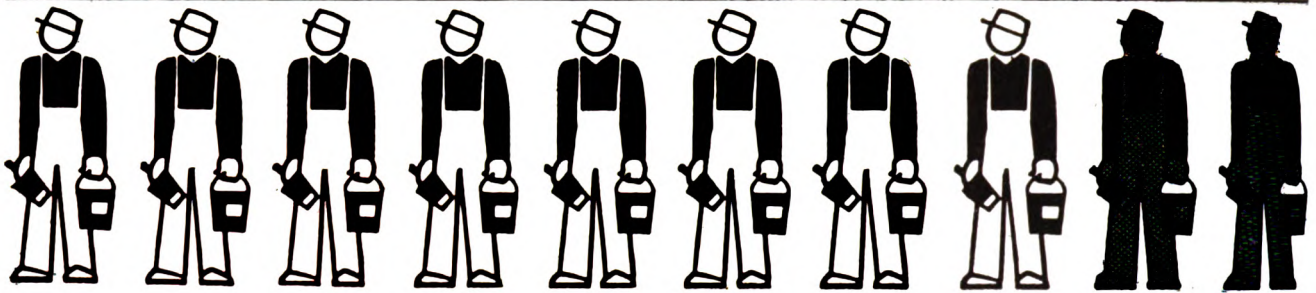
Blackhawk Mfg. Co., Milwaukee, Wis.  
 Buda Co., Harvey, Ill.  
 Duff-Norton Mfg. Co., Pittsburgh, Pa.  
 Joyce-Cridland Co., Dayton, O.  
 Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"

**JACKS, Automobile**

Ajax Auto Parts Co., Racine, Wis.  
 American Grinder & Specialty Corp., Fond du Lac, Wis. "Giant-Lift" "Hydrau-Kit" (Auto Body Workers)  
 Auto Specialties Mfg. Co., Saint Joseph, Mich. "Drednaut"  
 Blackhawk Mfg. Co., Milwaukee, Wis.  
 Duff-Norton Mfg. Co., Pittsburgh, Pa. "Barrett"

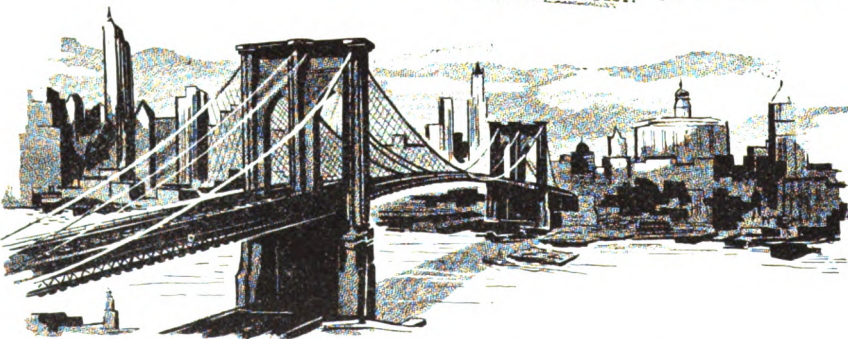


# SOMETHING WORTH THINKING ABOUT



8 OUT OF 10 PAINTING AND DECORATING CONTRACTORS... 82% TO BE EXACT...REPORT USING WHITE LEAD IN OIL.

MOST BIG GALLONAGE JOBS ARE GIVEN TO PAINTING CONTRACTORS. THEY ARE THE PAINT DEALER'S STEADIEST CUSTOMERS...YOUR BIGGEST VOLUME BUYERS.



BROOKLYN BRIDGE, LIKE MANY OTHER FAMOUS PUBLIC STRUCTURES, IS PROTECTED AGAINST THE RAVAGES OF TIME AND WEATHER BY EXTERIOR COATS OF PURE WHITE LEAD PAINT.

WHITE LEAD NATIONAL ADVERTISING IS TELLING MILLIONS OF HOME OWNERS WHY WHITE LEAD PAINT LASTS LONGER AND SAVES MONEY...TO HELP YOUR SALES.

**P.S.**—IN RECOMMENDING PAINT TO YOUR CUSTOMERS IT'S A SAFE RULE TO SAY: THE HIGHER THE WHITE LEAD CONTENT, THE BETTER THE PAINT!

LEAD INDUSTRIES ASSOCIATION  
420 Lexington Avenue  
New York, N. Y.

TO HELP FILL ALL DEMANDS FOR WHITE LEAD, PAINT MANUFACTURERS IN A NUMBER OF LOCALITIES ARE NOW OFFERING PURE WHITE LEAD PAINT PREPARED READY FOR THE BRUSH...IN WHITE OR COLORS...IN POPULAR SIZE CONTAINERS.





**JACKS, Automobile (Continued)**

Joyce-Cridland Co., Dayton, O. "XX Century"  
 Millers Falls Co., Greenfield, Mass.  
 National-Standard Co., Niles, Mich. "Kasco,"  
 "Leader," "Standard"  
 Oliver-Barth Jack Co., Milwaukee, Wis. "Barth,"  
 "Peerless," "Samson"  
 Reliable Jack Co., Dayton, O.  
 Ryerson & Haynes, Inc., Jackson, Mich. "Standup"  
 Shawver Co., Springfield, O. "Springfield"  
 Schriver (O. P.) Co., Cincinnati, O. "Sure Grip"  
 Stanley Tools Div., Stanley Works, New Britain, Conn.  
 Swett (A. L.) Iron Works, Medina, N. Y.  
 Walker Mfg. Co., Racine, Wis.  
 Weaver Mfg. Co., Springfield, Ill.  
 Whitsey (R. S.) Mfg. Co., Auburn, Me.  
 Woodworth Specialties Co., Binghamton, N. Y. "All-in-One"

**JACKS, Cable Reel**

Duff-Norton Mfg. Co., Pittsburgh, Pa.  
 Joyce-Cridland Co., Dayton, O.  
 Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"

**JACKS, Geared**

Duff-Norton Mfg. Co., Pittsburgh, Pa.  
 Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"

**JACKS, Hydraulic**

American Grinder & Specialty Corp., Fond du Lac, Wis. "Giant-Lift," "Hydrau-Kit"  
 Blackhawk Mfg. Co., Milwaukee, Wis.  
 Dodgeon (Richard), Inc., Columbia & Broome, New York, N. Y.  
 Elmer (Chas. F.) Engineering Wks., Chicago, Ill.  
 Eru Mfg. Co., Chicago, Ill.  
 Hender's (A. L.) Sons, East Wilmington, Del.  
 Joyce-Cridland Co., Dayton, O.  
 Millers Falls Co., Greenfield, Mass.  
 Simmons Mfg. Co., Ashland, O. "Silver King"  
 Watson-Stillman Co., Roselle, N. J.

**JACKS, Journal**

Duff-Norton Mfg. Co., Pittsburgh, Pa.  
 Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"

**JACKS, Ladder—See Ladder Jacks****JACKS, Lathe—See Jacks, Planer****JACKS, Lifting—See Jacks, Automobile****JACKS, Pipe Pushing**

Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"

**JACKS, Planer**

Armstrong Bros. Tool Co., 800 N. Francisco Ave., Chicago, Ill.  
 Pratt (Wm. E.) Mfg. Co., Joliet, Ill.  
 Sheldon Machine Co., Chicago, Ill.

**JACKS, Pole Pulling**

Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"

**JACKS, Pump**

Aermotor Co., 2500 Roosevelt Rd., Chicago, Ill.  
 American Scale Co., Kansas City, Mo. "Reliance"  
 Appleton Mfg. Co., Batavia, Ill.  
 Baker Mfg. Co., Evansville, Wis. "Monitor"  
 Barnes Mfg. Co., Mansfield, O.  
 Butler Co., Butler, Ind. "Green Giant"  
 Challenge Co., Batavia, Ill.  
 Deere (John) Tractor Co., Waterloo, Ia.  
 Dempster Mill Mfg. Co., Beatrice, Neb.  
 Domestic Engine & Pump Co., Shippensburg, Pa. "Bite"  
 Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill.  
 First & Walling Mfg. Co., Kendallville, Ind. "Hoosier"  
 Gale Bros. Mfg. Co., Iowa Falls, Ia.  
 Galloway Co., Inc., Waterloo, Ia.  
 Goulds Pumps, Inc., Seneca Falls, N. Y.  
 Heller-Aller Co., Napoleon, O. "Cracker Jack"  
 Howell (R. E.) & Co., Minneapolis, Minn. "Little Giant"  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Humphrey Mfg. Co., Mansfield, O.  
 Johnson (John) Mfg. Co., New Holstein, Wis.  
 Jones & Co., Springfield, O. "Buckeye"  
 Kenly & Co., Greenville, Mich.  
 Mfg. Co., Peru, Ill. "Cow Boy"  
 Mfg. Co., Saginaw, Mich. "Jumbo"  
 Mfg. Co., Sterling, Ill. "Sterling"  
 Mfg. Co., Lansing, Mich.  
 Mfg. Co., Davenport, Ia.  
 Mfg. Co., Lansing, Mich. "Olds"  
 Mfg. Co., Seneca Falls, N. Y.  
 Mfg. Co., Sandwich, Ill.  
 Mfg. Co., Racine, Wis.  
 Mfg. Co., Dayton, O.  
 Mfg. Co., Waterloo, Ia. "Better Bilt"  
 Mfg. Co., 2200 Diamond, Phila., Pa.

**Stover Mfg. & Engine Wks., Freeport, Ill. "Ideal,"**

"Stover"  
 United Engine Co., Lansing, Mich.  
 Warner Mfg. Co., Ottawa, Kan.  
 Waterloo Mfg. Co., Waterloo, Ia.  
 Wistrand Mfg. Co., Galva, Ill. "Blue Star"  
 Worthington Pump & Mch. Corp., 2 Park Av., New York, N. Y. "Ingeco"

**JACKS, Push and Pull**

Edelblute Mfg. Co., Reynoldsville, Pa. "Anchor"  
 Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"

**JACKS, Screw**

American Scale Co., Kansas City, Mo.  
 American Skein & Fdry. Co., Racine, Wis.  
 Duff-Norton Mfg. Co., Pittsburgh, Pa.  
 Illinois Iron & Bolt Co., Carpentersville, Ill.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Southern Skein & Fdry. Co., Chattanooga, Tenn. "Vulcan"  
 Sweet (A. L.) Iron Wks., Medina, N. Y.  
 Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"  
 Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Superior"

**JACKS, Screw, Machinists'**

Duff-Norton Mfg. Co., Pittsburgh, Pa.  
 Hobbs (Clinton E.) Co., Everett, Mass.  
 Illinois Iron & Bolt Co., Carpentersville, Ill.  
 Starrett (L. S.) Co., Athol, Mass.  
 Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"

**JACKS, Track, Railroad**

Blackhawk Mfg. Co., Milwaukee, Wis.  
 Dodgeon (Richard), Inc., Broome, New York, N. Y.  
 Duff-Norton Mfg. Co., Pittsburgh, Pa.  
 Illinois Iron & Bolt Co., Carpentersville, Ill.  
 Joyce-Cridland Co., Dayton, O.  
 Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"  
 Woodings-Verona Tool Wks., Verona, Pa. "Verona"

**JACKS, Truck**

Badger Malleable & Mfg. Co., South Milwaukee, Wis.  
 Templeton, Kenly & Co., 1020 S. Central Av., Chicago, Ill. "Simplex"

**JACKSTONES**

Arcade Mfg. Co., Freeport, Ill. (Colored & Nickeled)  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Stevens (J. & E.) Co., Cromwell, Conn.  
**JAIL EQUIPMENT—See Equipment, Jail and Prison**

**JAM NUTS—See Nuts, Check and Jam****JAM AND JELLY SEALS—See Seals, Jam and Jelly****JANITOR BASKETS—See Baskets, Janitor****JAPANNED WARE—See Ware, Japanned****JAPANS—See Varnishes****JAR CAP SEALERS & STRAIGHTENERS—See Sealers & Straighteners, Jar Cap****JAR COVER—See Covers, Bottle, Bowl, Jar, Plate, etc.****JAR LIFTERS—See Lifters, Jar****JAR OPENERS—See Openers, Jar, Rubber****JARDINIERES**

Brush Pottery Co., Zanesville, O.  
 Hull (A. E.) Pottery Co., Crooksville, O.  
 Imperial Glass Co., Bellairs, O.  
 Weller (S. A.) Co., Zanesville, O.  
 Zane Pottery Co., South Zanesville, O.

**JARS, Cookie**

Brush Pottery Co., Zanesville, O.  
 Transparent Specialties Mfg. Co., 6300 Euclid Av., Cleveland, O. "Crystal-Pak" (Transparent)  
 Uhl Pottery Co., Huntingburg, Ind.  
 White Hall Pottery Wks., White Hall, Ill.  
 Zanesville Pottery Co., Zanesville, O.

**JARS, Fruit**

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Ball Bros. Co., Muncie, Ind. "Eclipse," "Ideal," "Perfect Mason," "Special"  
 Hazel-Atlas Glass Co., Wheeling, W. Va. "Atlas," "Atlas E. Z."  
 Kerr Glass Mfg. Corp., San Springs, Okla. "Economy"  
 Salem Glass Wks., Salem, N. J.

**JARS, INSULATED—See Jugs, Insulated****JARS, Refrigerator**

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Handy Andy Specialty Co., Inc., 39-40 22nd, Long Island City, N. Y.  
 Scurlock Kontanerette Corp., Merchandise Mart, Chicago, Ill.

**JARS, Stoneware—See Ware, Stone****JARS, VACUUM—See Jugs, Vacuum****JAWS, Vise, Detachable**

Cornelius Mfg. Co., 1678 Dorr, Toledo, O. "Q-D"  
**JELLY BAGS—See Bags, Jelly**  
**JELLY GLASSES—See Tumblers, Jelly**  
**JELLY JUICE TESTERS—See Testers, Jelly Juice**  
**JELLY MOLDS—See Molds, Cake, Jelly, Pudding, etc.**  
**JELLY STRAINERS—See Strainers, Jelly**  
**JELLY THERMOMETERS—See Thermometers, Candy, Jelly and Fat Frying**  
**JELLY TUMBLERS—See Tumblers, Jelly**

**JERSEYS**

Favorite Knitting Mills, 6210 Euclid Av., Cleveland, O.  
 Gantner & Mattern Co., San Francisco, Cal.  
 General Athletic Products Co., Greenville, O.  
 Goldsmith (F.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Gopher Knitting Wks., Minneapolis, Minn.  
 Imperial Knitting Co., Milwaukee, Wis.  
 Lamb Knit Goods Co., Colon, Mich.  
 Post Mfg. Co., 150 Lafayette, New York, N. Y.  
 Rawling Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Chicago, Ill.  
**JEWELERS' SAW BLADES—See Saws, Jewelers'**  
**JEWELERS' VISES—See Vises, Jewelers'**  
**JIGSAW BLADES—See Saws, Jig**  
**JIGSAW MACHINES—See Saws, Scroll, Electric, Portable, Homecraft**

**JIGS, Bending, Metal**

Butler Craftsman Co., 34 Harding, West Newton, Mass. "Flexo"  
 Lindsley Mfg. Co., Bridgeport, Conn. "Form-Bend Master"

**JIGS, Doweling**

Stanley Tools Div. of Stanley Works, New Britain, Conn.

**JIMMY-PROOF LOCK PLATES—See Plates, Lock, Jimmy-Proof****JIMMY-PROOF LOCKS—See Locks, Jimmy-Proof****JOBBER'S DRILL GAGES—See Gages, Drill****JOBBER'S DRILL SETS—See Sets, Drill****JOCK STRAPS—See Straps, Jock****JOCK SUPPORTERS—See Straps, Jock****JOINT HOOKS—See Hooks, Joint****JOINT NUTS—See Nuts, Joint****JOINT RUNNERS—See Runners, Joint****JOINTER GAGES—See Gages, Jointer****JOINTERS, Electric, Portable, Homecraft**

Blue Star Products, Fairfield, Ia. "Blue Star"  
 Boice-Crane Co., 1730 Norwood Av., Toledo, O. "Boice-Crane"  
 Carter (R. L.) Co., New Britain, Conn. "Carter"  
 Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"  
 United Electric Tool Co., Inc., Syracuse, N. Y. "Unit"  
 Stanley Electric Tool Div., New Britain, Conn.  
 Walker Turner Co., nc., 595 Berckman, Plainfield, N. J. "Driver"  
 Wallace (J. D.) & Co., 134 S. California Av., Chicago, Ill. "Workace"  
 Yates-American Machine Co., Beloit, Wis.

**JOINTERS, Masons'**

Bucabel Tool Mfg. Co., Inc., 220 Adams, Bklyn., N. Y.  
 Diaston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
 Drew (C.) & Co., Kingston, Mass.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Goldblatt Tool Co., 1622 Walnut, Kansas City, Mo. "Trowel Brand"  
 Gray Iron Fdry. Co., Inc., Reading, Pa.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Marshalltown Trowel Co., Marshalltown, Ia.  
 Masons' Tool Mfg. Co., Rochester, N. Y.  
 Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Paine, Benjamin O., Millbury, Mass.  
 Rose (Wm.) & Bros., Sharon Hill, Pa.  
 Storz (John) & Son, 210 Vine, Phila., Pa.

**JOINTERS, Saw**

Atkins (E. C.) & Co., Indianapolis, Ind. "A. A. A."  
 Diaston (Henry) & Sons, Inc., (Tacony) Phila., Pa.  
 Franklin Tool Co., Buffalo, N. Y.  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Sandvik" (Swedish)  
 Stearns (E. C.) & Co., Syracuse, N. Y.

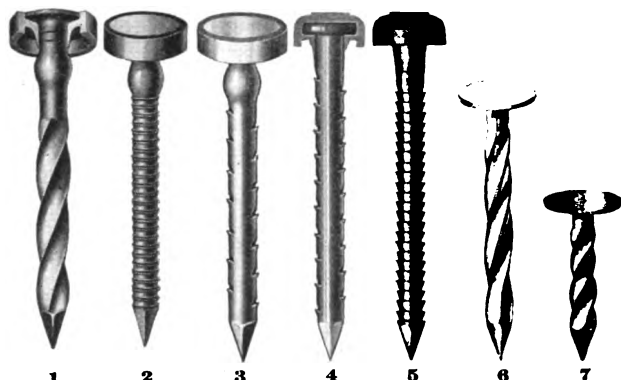
**JOINTS, Step Ladder**

Heas (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.

**JOINTS, Stump, Carriage**

Clapp (E. D.) Mfg. Co., Auburn, N. Y.

# DENISTON Roofing Nails



1. Triple-lock Lead-Seal Nail with Drive-screw Shank.
2. Triple-lock Lead-seal Nail with Ringed Shank.
3. Triple-lock Lead-seal Nail with Straight Shank.
4. "Denco" Lead-head Nail with Straight Shank.
5. "Denco" Lead-head Nail with Ringed Shank.
- 6 and 7. Drive Screw Nail with Plain Head.

## Number of Nails to the Pound

Approximately the same for all types of Triple-lock Lead-seal and "Denco" Lead-head Nails both Bright and Hot Galvanized.

Length of Nail	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"
Bright .....	108	96	88	82	77	71
Hot Galvanized .....	103	94	86	79	74	69
Pure Copper .....	103	94	86	79	74	69

Plain Drive-screw (no lead)—Bright or Hot Galvanized.

Length of Nail	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"
No. 10 Gauge....	225	210	185	170	155	135
No. 11 Gauge....	280	255	232	210	180	150
No. 11 1/2 Gauge....	326	300	270	240	210	180

**The DENISTON Company**  
4858 SO. WESTERN AVE., CHICAGO, ILL.

## TRIPLE-LOCK LEAD-SEAL ROOFING NAILS

The original Deniston Lead-Seal Nail. Lead under the head and down the shank to plug the hole around the nail with lead. The "bump" triple-locks nail, lead and sheet together. Made with Drive-screw, Straight or Ringed Shanks, in Bright or Hot-Galvanized finish, or in Pure Copper.

## THE NEW "DENCO" LEAD-HEAD ROOFING NAIL

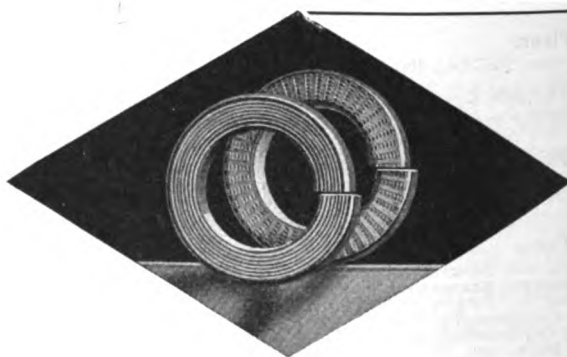
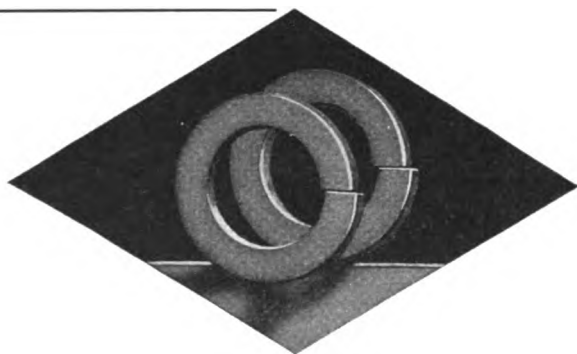
Manufactured by a new process in which the lead is compressed cold both over and under the steel head of the nail as well as down the shank, thus insuring a tight head that will always stay on the nail. Made with Straight or Ringed Shanks, in Bright or Hot-Galvanized finish.

## PLAIN DRIVE-SCREW ROOFING NAILS

A better nail of this type, with deep, well-cut screw-threads, clean sharp edges, and full-gauge shanks. Heads are large, strong, full size and well formed. Made in 10, 11 and 11 1/2 gauges, in various lengths from 3/4 inch to 2 inches.

DENISTON NAILS are made under one or more of the following patent numbers:

1,576,727	1,995,705
1,652,648	1,995,706
1,839,450	2,001,869
1,953,592	2,111,110



## Diamond "G" Non-Tangling Lock Washers

These practical lock washers with their distinctive appearance have sales appeal built right into them. They are the most efficient spring lock washers on the market today. They are made of fine grain high carbon steel. They are designed and constructed according to the rigid specifications of the large automotive and industrial manufacturers.

The George K. Garrett Co. has always cooperated with its jobbing customers to its fullest extent and for this reason not only is selling many of the leading jobbers but has also enabled its jobbing customers to considerably increase their lock washer sales. Samples and literature will be sent on request.

**GEORGE K. GARRETT COMPANY, INCORPORATED**  
1421 CHESTNUT STREET, PHILADELPHIA, PENNA.



**JOIST BORERS**—See Borers, Joist  
**JOIST HANGERS**—See Hangers, Joist  
**JOURNAL JACKS**—See Jacks, Journal

### JUGS, Glass

Anchor Hocking Glass Corp., 110 Fisher, Lancaster, O.  
 Dunbar Glass Corp., Dunbar, W. Va.  
 Garner Glass Wks., Inc., Salem, N. J.  
 Owens-Illinois Glass Co., Toledo, O.  
 United States Glass Co., Pittsburgh, Pa.  
 Weston Glass Co., Weston, W. Va.

### JUGS, Insulated

(See also Bottles, Insulated)

Aladdin Industries, Inc., 228 W. Jackson Blvd., Chicago, Ill. "Aladdin Sani-Seal Thermal"  
 Aluminum Products Co., La Grange, Ill. "Pik-Nik," "Zephyr"  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "Blue Ribbon Jug," "See Queen Jugs," "Little Brown Jugs," "Monarch Jugs," "Therm-A-Jugs"  
 Landers, Frary & Clark, New Britain, Conn. "Stanley"  
 Metal Industries, Inc., 908 Senate Av., Indianapolis, Ind. "All American"  
 Polaron Products, Inc., 55 Ave. E., New Rochelle, N. Y. "Airline," "Arctic," "Dixie," "Jugful," "Lido," "Palm Beach," "Pyramid," "Red Cap," "Woodland"  
 Royal Mfg. Co., Bowling Green, O. "Royal"

### JUGS, Stoneware

Logan Pottery Co., Logan, O.  
 Paducah Pottery Co., Paducah, Ky.  
 Pittsburgh Pottery Co., Pittsburgh, Kan.  
 Sherwood Bros. Co., New Brighton, Pa.  
 United States Stoneware Co., Akron, O.  
 Western Stoneware Co., Monmouth, Ill.

### JUGS, Vacuum

(See also Bottles, Vacuum)

American Thermos Bottle Co., Norwich, Conn. "Thermos"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Manning, Bowman & Co., Meriden, Conn.

### JUMPERS, Battery

Mueller Electric Co., 1583 E. 31st, Cleveland, O. "Tap-Tite"

Sawyer Belt Hook Co., Pawtucket, R. I. "Tap-On"

**JUMPING ROPES**—See Ropes, Jumping

**JUTE PACKING**—See Packing, Jute

**JUTE TWINE**—See Twine, Jute

**JUVENILE AUTOMOBILES**—See Automobiles, Juvenile

**JUVENILE BICYCLES**—See Bicycles, Juvenile

**JUVENILE BOOKS**—See Books, Children's

**JUVENILE CHAIRS**—See Chairs, Juvenile

**JUVENILE GOLF SETS**—See Sets, Golf, Children's

**JUVENILE SNOW SHOVELS**—See Shovels, Snow, Juvenile

**JUVENILE TOILET SEATS**—See Seats, Toilet, Juvenile

**JUVENILE TOILET STOOLS**—See Stools, Toilet, Juvenile

**JUVENILE VEHICLE TIRES**—See Tires, Juvenile Vehicle

**JUVENILE VEHICLE WHEELS**—See Wheels, Juvenile Vehicle

**JUVENILE VEHICLES**—See article desired

**JUVENILE WAGON PARTS**—See Parts, Cart, Racer, Trailer or Wagon, Juvenile

### KALSOMINE

Adams & Elting Co., Chicago, Ill. "Hygenic"  
 Alabastine Co., 885 Chicago Drive, S. W., Grand Rapids, Mich. "Alabastine," "Frescoat"  
 Ambassador Specialties, Inc., 6440 De Buel Av., Detroit, Mich. "Tebson"  
 Atlantic Paint Mfg. Co., 100 Boylston, Boston, Mass. "Armatoe"  
 Bradley & Vrooman Co., 2629 S. Dearborn, Chicago, Ill. "Tinteresco"  
 Colledge (F. J.) & Sons, Atlanta, Ga.  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y.  
 Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill. "Dekko"  
 Fox (M. Ewing) Co., 240 E. 136th, New York, N. Y. "Calcutine," "Muralite"  
 Gidden Co., Madison Av. & Berea Rd., Cleveland, O. "Adelite Hygienic"  
 Lucas (John) & Co., Phila., Pa.  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y. "Muresco" (Hot Water), "Calson" (Cold Water)  
 Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Calceimo," "Calceite," "Cal-O-Tint," "Dutch," "Muralo," "Murocal," "Suntone," "Tint-O-Victor"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Old"  
 Pined Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Kalkomo," "Patton's"

Reardon (The) Co., St. Louis, Mo. "Co-Lo-Ra," "Cresto," "Hallmark," "Nelesco," "Reardon's Washable," "Solarite"  
 "Reardon's Washable," "Solarite"  
 Reliable Paste Co., 3560 Shields Av., Chicago, Ill. "Red Top"

Sherman-Williams Co., Cleveland, O.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass. "Calasolite," "Colesco," "Kaldura"  
 Tamms Silica Co., 228 N. La Salle, Chicago, Ill. "Kalso-Lite," "Tam-Cote," "Tamsco-Lite"  
 U. S. Kalsomine Co., 50 Church, New York, N. Y. "U-Kal-O"

West Coast Kalsomine Co., West Berkeley, Cal. "Wesco"

**KALSOMINE BRUSHES**—See Brushes, Kalsomine; also Brushes, Paint and Varnish

**KEG BUNGS**—See Bangs, Cork; also Wooden

**KEGS & BARRELS, SLACK**—See Barrels & Kegs, Slack

**KEGS & BARRELS, TIGHT**—See Barrels & Kegs, Tight

### KENNELS, Dog

Backus (A.) Jr. & Sons, 1533 Lafayette Blvd., Detroit, Mich.  
 Standish (Myles) Crafts, 407 E. Fort, Detroit, Mich.  
 Young (E. C.) Co., Randolph, Mass.

**KEROSENE DISINFECTING TORCHES**—See Torches, Disinfecting, Kerosene

**KEROSENE ENGINES**—See Engines, Kerosene

**KEROSENE FURNACES**—See Furnaces and Torches, Gasoline and Kerosene; also under Torches

**KEROSENE LAMP BURNERS**—See Burners, Lamp, Kerosene

**KEROSENE MANTLES**—See Mantles, Gas, Kerosene & Gasoline

**KEROSENE OIL LAMPS**—See Lamps, Kerosene Oil

**KEROSENE OIL LANTERNS**—See Lanterns, Kerosene Oil

**KEROSENE RANGES**—See Ranges, Kerosene

**KEROSENE ROOM HEATERS**—See Heaters, Room, Kerosene

**KEROSENE STORAGE CANS**—See Cans, Oil and Gasoline

**KEROSENE STORAGE SYSTEMS**—See Storage Systems, Oil

**KEROSENE STOVES**—See Stoves, Kerosene

**KEROSENE TANKS**—See Tanks, Kerosene, Measuring

**KEROSENE TORCHES**—See under Furnaces; also under Torches

**KEROSENE WATER HEATERS**—See Heaters, Water, Kerosene

**KETTLE COVERS**—See Covers, Cooking Utensil

**KETTLE SCRAPERS**—See Scrapers, Pot and Kettle

**KETTLE STANDS**—See Stands, Kettle

**KETTLES, Aluminum**—See Kettles, Tea, Range and Stove, Aluminum

**KETTLES, Brass**

National Pipe Bending Co., New Haven, Conn.

**KETTLES, Caldron**

American Scale Co., Kansas City, Mo.

Butler Co., Butler, Ind.

Dayton-Dowd Co., Quincy, Ill.

Donaldson Bros., Mt. Clemens, Mich.

Ferguson Mfg. Co., Dubuque, Ia.

Gehl Bros. Mfg. Co., West Bend, Wis.

Johns Hollow Ware Co., Baltimore, Md.

Moore Plow & Implement Co., Greenville, Mich.

Sperry (D. R.) & Co., Batavia, Ill.

Swift Mfg. Co., Waterloo, Ia.

Waterloo Mfg. Co., Waterloo, Ia.

**KETTLES, Cast Iron**

Atlanta Stove Wks., Atlanta, Ga.

Bell (C. S.) Co., Hillsboro, O. (sugar)

Golden's Foundry & Mach. Co., Columbus, Ga.

Gray & Dudley Co., Nashville, Tenn.

Griswold Mfg. Co., Erie, Pa.

Johns Hollow Ware Co., Baltimore, Md.

Kilpatrick (A.) & Sons Foundry Co., St. Louis, Mo.

King Stove & Range Co., Sheffield, Ala.

Phillips & Buttrif Mfg. Co., Nashville, Tenn.

Vollrath Co., Sheboygan, Wis. "New Idea"

**KETTLES, Copper**

Atlas Copper & Brass Mfg. Co., Chicago, Ill.

Badger (E. B.) & Sons Co., Boston, Mass.

Bucyrus Copper Kettle Wks., Bucyrus, O.

Krenz (Oscar) Copper & Brass Wks., San Francisco, Cal.

National Pipe Bending Co., New Haven, Conn.

Picking (D.) & Co., Bucyrus, O.

Reed Mfg. Co., Newark, N. J.

Rome Mfg. Co., Div. Revere Copper & Brass Inc., Rome, N. Y.

**KETTLES, Enameled Ware**—See Kettles, Tea, Range and Stove, Enameled Ware

**KETTLES, Preserving**

Aluminum Goods Mfg. Co., Manitowoc, Wis.

"Mirro," "Viko"

Aluminum Products Co., La Grange, Ill. "Lifetime"

Buckeye Aluminum Co., Wooster, O. "Buckeye"

Enterprise Aluminum Co., Massillon, O.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"

Illinois Purealuminum Co., Lamont, Ill. "American Maid"

Landers, Frary & Clark, New Britain, Conn. "Universal"

Moore Enameling & Mfg. Co., West Lafayette, O. "Enamlart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

National Pressure Cooker Co., Eau Claire, Wis.

Rome Mfg. Co., Div. Revere Copper & Brass Inc., Rome, N. Y.

United States Stamping Co., Moundsville, W. Va.

West Bend Aluminum Co., West Bend, Wis.

**KETTLES, Range**—See Kettles, Tea, Range and Stove

**KETTLES, Stainless Steel**

Carrollton Metal Products Co., Carrollton, O. "Carlton"

Stainless Steel Products Co., La Grange, Ill.

**KETTLES, Stove**—See Kettles, Tea, Range and Stove

**KETTLES, Tea, Electric**

Brannon, Inc., 14307 Third Av., Detroit, Mich.

"Hot-Water-Master"

Landers, Frary & Clark, New Britain, Conn. "Universal"

Metal Ware Corp., Two Rivers, Wis. "Empire" (whistling)

West Bend Aluminum Co., West Bend, Wis. "Speed-master" (Whistling)

**KETTLES, Tea, Range and Stove, Aluminum, Copper, Etc.**

Aluminum Cooking Utensil Co., New Kensington, Pa.

"Wear Ever Hustler"

Aluminum Goods Mfg. Co., Manitowoc, Wis.

"Mirro," "Viko"

Aluminum Products Co., La Grange, Ill. "Lifetime," "Thermaware"

American Aluminum Mfg. Co., Lamont, Ill. "American Maid"

Atlantic Stamping Co., Rochester, N. Y.

Bremer Aluminum Corp., New Washington, O. "Dr. Koch"

Buckeye Aluminum Co., Wooster, O. "Buckeye"

Griswold Mfg. Co., Erie, Pa.

Health-Maid, Inc., Cleveland, O.

Illinois Pure Aluminum Co., Lamont, Ill. "American Maid"

Kewaskum Aluminum Co., Kewaskum, Wis.

Landers, Frary & Clark, New Britain, Conn.

Laurelton Fdry. Co., Laurelton, Pa.

Leyse Aluminum Co., Kewanee, Wis. "Priscilla"

Lisk Mfg. Co., Ltd., Canandaigua, N. Y.

Metal Ware Corp., Two Rivers, Wis. "Pilgrim Ware"

National Pressure Cooker Co., Eau Claire, Wis.

Process Metal Corp., Lockport, N. Y. "Krome-Alume"

Rome Mfg. Co., Div. Revere Copper & Brass Inc., Rome, N. Y.

U. S. Stamping Co., Moundsville, W. Va.

Wagner Mfg. Co., Sidney, O.

West Bend Aluminum Co., West Bend, Wis.

**KETTLES, Tea, Range and Stove, Enameled Ware**

Bellaire Enamel Co., Bellaire, O. "Beco"

Columbian Enameling & Stamping Co., Terre Haute, Ind.

Federal Enameling & Stamping Co., McKees Rocks, Pa. "Old Holland"

Geuder, Paeschke & Frey Co., Milwaukee, Wis.

Lisk Mfg. Co., Ltd., Canandaigua, N. Y.

Moore Enameling & Mfg. Co., West Lafayette, O.

"Enamlart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

Vollrath Co., Sheboygan, Wis.

**KETTLES, Toy**—See Sets, Cooking, Toy

**KEY CABINETS**—See Cabinets, Key

**KEY CASES**—See Cases, Key

**KEY CHAINS**—See Chains, Key

**KEY CONTROL SYSTEMS**—See Systems, Control, Key

**KEY CUTTING MACHINES**—See Machines, Key Cutting

**KEYHOLE GUARDS**—See Guards, Keyhole

**KEYHOLE HACK SAWS**—See Saws, Hack, Keyhole

**KEYHOLE SAWS**—See Saws, Keyhole; also Saw, Compass

**KEY PLATES**—See Plates, Key

**KEY RINGS**—See Rings, Key

**KEY SEAT RULES**—See Rules, Key Seat

**KEYS and COTTERS**—See Cotters and Keys

**KEYS, Blank**

Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.

Bohannon (Wilson) Co., Marion, O. "Well Bilt"

Briggs & Stratton Corp., 2711 N. 13th, Milwaukee, Wis. "Basco"

Chicago Lock Co., 2024 N. Racine Av., Chicago, Ill.

Clinton Lock Co., Clinton, Ia.

Corbin Cabinet Lock Co., New Britain, Conn.

Corbin, P. & F., New Britain, Conn.



# These Lockwood Dealers tell you Lockwood is the PROFIT LINE

More than anything we could tell you, perhaps, the statements of these six Lockwood Dealers establish Lockwood as a top ranking profit line!

These six men are in the hardware business—just as you are. They want to make money—just as you do. They wanted to handle a line that would make money for them—just as you do.

And so—they handle Lockwood.

\* \* \* \* \*

Several of the most important developments in Builders' Hardware during recent years have come from Lockwood. We are working constantly to give you better products—newer products—faster selling products.

Every one of these dealers has stepped up his profit curve with the Lockwood line. You can do the same thing. Write today for full information, the Lockwood catalog and your copy of the new Lockwood folder, "HOW TO MAKE PROFITS IN BUILDERS' HARDWARE."

Reading from top to bottom the dealers whose photographs appear in the panel at the right are:

Mr. Eugene Mariani  
S. Mariani & Sons  
San Francisco, Cal.

Mr. L. P. Newton  
Golden Rule Hardware  
Waterloo, Iowa

Mr. W. S. Sweetnam  
Sweetnam's  
Peoria, Ill.

Mr. Paul Easby-Smith  
Builders Hardware Corp.  
Washington, D. C.

Mr. George Leikert  
Wolverine Hardware Co.  
Detroit, Mich.

Mr. S. A. Romain  
Roussel & Romain  
Pittsburgh, Pa.

## Lockwood Hardware Mfg. Co.

Division of Independent Lock Co. Fitchburg, Massachusetts

"... this distinctive hardware ... makes possible a

**REAL  
PROFIT."**



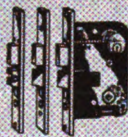
"... we have more than doubled our sales in this department each year..."



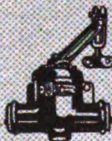
"... we believe our success in the Builders' Hardware field has been due to the new product development of your Company..."



"... your cooperation ... has been at all times complete and equitable."



"... the Lockwood Ball Bearing Super Closer seems to me the answer to all the well-known door closer headaches!"



"... since you introduced BOR-LOC to the market, we have increased our business over 100 percent."



Mention Hardware Age When Writing

Digitized by Google



**EYS, Blank (Continued)**

agle Lock Co., Terryville, Conn.  
 aim (E. T.) Lock Co., Lancaster, Pa.  
 abam Mfg. Co., Derby, Conn.  
 ependent Lock Co., Fitchburg, Mass. "Iico"  
 el (Francis) & Son, Inc., 401 E. 163rd, New  
 York, N. Y.  
 lockwood Hdwe. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 orwalk Lock Co., 261 B'way, New York, N. Y.  
 orwell & Erwin Mfg. Co., New Britain, Conn.  
 e Padlock & Hardware Co., Lancaster, Pa.  
 ger Lock Works of Yale & Towne Mfg. Co., North  
 Chicago, Ill.  
 argent & Co., New Haven, Conn.  
 argent & Greenleaf, Inc., Rochester, N. Y.  
 al Lock & Hdw. Co., Inc., 395 B'way, New York,  
 N. Y.  
 ewart (F. W.) Mfg. Corp., 344 W. Huron, Chi-  
 cago, Ill. "Circle Eas"  
 yor Mfg. Co., 3200 N. Mascher, Phila., Pa.  
 "Taylor"  
 le & Towne Mfg. Co., Stamford, Conn.

**EYS, Emergency**

ay (W. L.) & Co., 1426 W. 3rd, Cleveland, O.  
 te (E. H.) Co., 251 Causeway, Boston, Mass.  
 "Bull Dog"  
 ich (B.) Co., 844 N. 3rd, Milwaukee, Wis.

**EYS, Skate, Ice and Roller**

co-Rollaway Skate Co., Inc., Marathon, N. Y.  
 ston Pressed Metal Co., Worcester, Mass.  
 eago Roller Skate Co., 4436 W. Lake, Chicago,  
 Ill. "Chicago"  
 arris (D. P.) Hdw. & Mfg. Co., Inc., 99 Cham-  
 bers, New York, N. Y. "Rollfast"  
 astler Corp., Sterling, Ill.  
 ependent Lock Co., Fitchburg, Mass. "Iico"  
 es (F. D.) Mfg. Co., Beatrice, Neb.  
 ion Hardware Co., Torrington, Conn.  
 inchester Repeating Arms Co., New Haven, Conn.  
 "Winchester" (Roller Skate)  
 ICK PLATES—See Plates, Kick

**EYCKERS, Cow, Anti-**

idgeport Chain & Mfg. Co., Bridgeport, Conn.  
 ll Mfg. Co., Cedar Rapids, Ia.  
 erial Bit & Snap Co., Racine, Wis. "Reichert's  
 No-Kick Hobbles"  
 ller (E. L.), Buckeytown, Md.  
 ore Bros. Corp. of Albany, 83 Green, Albany,  
 N. Y.  
 onsen Iron Wks., Sioux Rapids, Ia. "So Boss"

**ILLERS, Weed**

ico, Carlisle, Pa.  
 merican Steel & Wire Co., Rockefeller Bldg.,  
 Cleveland, O.  
 mours & Co. Chemical Div., 1855 W. 31st, Chi-  
 cago, Ill. "Meo-181"  
 ipman Chemical Co., Inc., Bound Brook, N. J.  
 olge (C. B.) Co., Westport, Conn.  
 od (James), Inc., 2200 Martha, Phila., Pa.  
 "Weedex"  
 ulard & Olena, Inc., 140 Liberty, New York,  
 N. Y.  
 asselli Chemicals Dept. du Pont (E. I.) de  
 Nemours & Co., Inc., Wilmington, Del. "Gras-  
 selli"  
 ammond Paint & Chemical Co., Beacon, N. Y.  
 "H.W.K." "Hammonds"  
 arrison Mfg. Co., Rahway, N. J. "Squiers"  
 atner, R. R., P. O. Box 1, Kenmore, N. Y.  
 "Dixide"  
 ational Specialties Co., Fort Wayne, Ind. "Noxem"  
 ade Mfg. Co., Inc., 195 Hoboken Av., Jersey City,  
 N. J.  
 ade (Morris B.) Inc., 126 Ralph, Belleville, N. J.  
 "Guaranteed"  
 ee Mfg. Co., 37th & Filbert, Phila., Pa. "Fair-  
 amount"  
 andard Chemical Works, Inc., Reading, Pa.

**INDLERS, Fire**

ame, H. A., 101 Park Av., New York, N. Y.  
 "Enchantacone"  
 ixie Fire Kindler, Inc., Douglas, Ga.  
 ndle-Lite Corp., 160 West, B'klyn, N. Y.  
 wick-Fyre Kindler Co., 204 W 4th, Royal Oak,  
 Mich.  
 wick Kindler Mfg. Corp., New Haven, Conn.  
 arblehead Craftshop, Marblehead, Mass.  
 ymouth Mfg. Co., Plymouth, Mass. "Plymouth  
 Sea Fire"  
 ood Briquettes, Inc., Lewiston, Me. "Pres-to-  
 Logs"

**KITCHEN ACCESSORIES**—See Cooking Acces-  
 series and Tools

**KITCHEN CABINET HARDWARE**—See Cabinet  
 Kitchen Hardware

**KITCHEN CABINETS**—See Cabinets, Household  
**KITCHEN CABINETS, Toy**—See Cabinets, Kitchen,  
 Toy

**KITCHEN CANISTER SETS**—See Sets, Canister,  
 Kitchen

**KITCHEN CLOCKS**—See Clocks, Alarm, Timepiece,  
 Strike & Chime

**KITCHEN CUTLERY SETS**—See Sets, Cutlery,  
 Kitchen

**KITCHEN FORKS**—See Forks, Culinary, Kitchen,  
 Etc.

**KITCHEN GRINDSTONES**—See Stones, Grind.

**KITCHEN KNIFE HOLDERS**—See Holders, Kitchen  
 Knife

**KITCHEN KNIVES**—See Knives, Kitchen

**KITCHEN MIRRORS**—See Mirrors, Kitchen

**KITCHEN PAILS**—See Pails, Garbage

**KITCHEN SAND STONES**—See Stones, Grind

**KITCHEN SAWS**—See Saws, Kitchen

**KITCHEN SINK CABINETS**—See Cabinets, Sink,  
 Kitchen

**KITCHEN SINK RACKS**—See Racks, Sink

**KITCHEN SINKS**—See Sinks, Kitchen

**KITCHEN STOOLS**—See Stools, Kitchen

**KITCHEN SUPPLIES**—See Supplies, Kitchen; also  
 articles desired

**KITCHEN TABLE PROTECTORS**—See Protectors,  
 Table, Kitchen

**KITCHEN TABLES**—See Tables, Kitchen

**KITCHEN TOOLS**—See Articles Desired

**KITCHEN UTENSIL HOLDERS**—See Holders,  
 Utensil, Kitchen

**KITCHEN UTENSILS**—See under Ware; also article  
 desired

**KITCHEN WARE, STAINLESS STEEL**—See  
 Ware, Kitchen, Stainless Steel

**KITCHEN WASTE DISPOSAL UNITS, ELECTRIC**  
 —See Units, Kitchen Waste Disposal, Electric

**KITCHENS and BARS, Combination**

Electric Invisible Kitchen Co., La Salle-Wacker  
 Bldg., Chicago, Ill.

**KITES**

Ayling (J. C.) Co., Springfield, Ill. "Jolly Boy"  
 Hi Flier Mfg. Co., Decatur, Ill.

**KITS, Aerial, Radio**

American Automatic Electric Sales Co., 1033 W.  
 Van Buren, Chicago, Ill. "Ajax"  
 Anylite Electric Co., Fort Wayne, Ind. "King Cole"  
 Belden Mfg. Co., Chicago, Ill.  
 Birnback Radio Co., Inc., 145 Hudson, New York,  
 N. Y.  
 Consolidated Wire & Associated Corp., Chicago, Ill.  
 "All Wave"  
 Cornish Wire Co., 30 Church, New York, N. Y.  
 "Noise-Master"  
 Deal Electric Co., Inc., 338 Berry, B'klyn, N. Y.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, B'klyn, N. Y.  
 Fleron (M. M.) & Son Products, Inc., Trenton, N. J.  
 Porcelain Products, Inc., Findlay, O. "Brownie"  
 Premax Div. Chisholm-Ryder Co., Inc., 9000 College  
 Av., Niagara Falls, N. Y. "Premax"  
 Swan-Haverstick, Inc., Trenton, N. J. "Aero"

**KITS, Branding**

Vulcan Electric Co., 600 Broad, Lynn, Mass. "Vul-  
 can"

**KITS, Camping**—See Outfits, Camping; also ar-  
 ticle desired

**KITS, Jar, Revolving**

Gutterson & Co., Inc., 420 Lexington Av., New  
 York, N. Y. "Roto-Kit"

**KITS, Lunch, Insulated Bottle**

Landers, Frary & Clark, New Britain, Conn.  
 "Stanley"

**KITS, Lunch, Vacuum Bottle**

Aladdin Industries, Inc., 223 W. Jackson Blvd., Chi-  
 cago, Ill. "Hy-Lo"  
 American Thermos Bottle Co., Norwich, Conn.  
 "Thermos," "Icy-Hot"  
 Landers, Frary & Clark, New Britain, Conn. "Co-  
 lumbia," "Universal"

**KITS, Radio, Aerial**—See Radio Aerial Kits

**KITS and SUPPLIES, Modelmaking, Air-  
plane, Automobile, Ship and Train**

American Model Railroad Co., Inc., 30 Avon Rd.,  
 New Rochelle, N. Y.  
 Boucher Playthings Mfg. Corp., 126 Lafayette, New  
 York, N. Y.  
 Burd Model Airplane Co., 2113 E. Oliver, Balti-  
 more, Md.  
 Cleveland Model & Supply Co., Inc., 4508-D87 Lo-  
 rain Av., Cleveland, O. "C-D"  
 De Fren Shipcraft Co., 252 E. 98th, Bklyn., N. Y.  
 "Treasureup"  
 Lionel Corp., 15 E. 26th, New York, N. Y.  
 Megow's, Howard & Oxford, Phila., Pa.  
 Mi-Lo Products Corp., Rockefeller Bldg., Cleve-  
 land, O. "Mi-Lo"  
 Peerless Model Airplane Co., Inc., 3088 W. 106th,  
 Cleveland, O. "Peerless"  
 Scale-Models, Inc., 1516 So. Wabash Av., Chicago,  
 Ill. "Scale-Craft"  
 Scientific Model Airplane Co., 218 Market, Newark,  
 N. J.  
 Standard Rails, 1610 W. Center, Milwaukee, Wis.  
 Synco Devices, Inc., 747 Baubien, Detroit, Mich.  
 "Rocket"  
 Walthers, W. K., 1566 W. Pierce, Milwaukee, Wis.

**KITS, Tire Repair**

Bowes "Seal-Fast" Corp., Indianapolis, Ind.  
 Goodrich (B. F.) Rubber Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Henry, David, Spring Grove, Pa. "Henry's"  
 Holfast Rubber Co., Atlanta, Ga.  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Miller Rubber Products Co., Inc., Akron, O. "Handy  
 Andy," "Shur-Tite"  
 Norwalk Tire & Rubber Co., Norfolk, Conn.  
 St. Louis Rubber Cement Co., Inc., St. Louis, Mo.  
 "Red X"  
 So-Lo Works, Cincinnati, O. "Auto So-Lo"  
 Stevens Walden, Inc., Worcester, Mass. "Sampson"  
 Ulrich (B.) Co., Milwaukee, Wis. "Ulrich's"

**KITS, Tool**

Barcalo Mfg. Co., Louisiana & Nelson, Buffalo,  
 N. Y.  
 Billings & Spencer Co., Hartford, Conn.  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
 "Bridgeport"  
 Chicago Tool & Kit Mfg. Co., Chicago, Ill. "O.  
 T. K."  
 Damascus Steel Products Corp., Rockford, Ill.  
 "Dasco" (Chisels and Punches)  
 Dikeman Mfg. Co., Norwalk, Conn.  
 Keep Klean Auto Products Co., Inc., 4077 Park  
 Av., New York, N. Y.  
 Keystone Mfg. Co., Buffalo, N. Y. "Soc-Kits"  
 Klein (Mathias) & Sons, 3200 Belmont Av., Chicago,  
 Ill. "Klein"  
 Marcy Tool Wks., Putnam, Conn.  
 Marion Tool Corp., Marion, Ind.  
 Mayhew Steel Products, Inc., Shelburne Falls,  
 Mass.  
 Paine, Benjamin O., Millbury, Mass.  
 Special Hdw. Corp., Medford, N. Y.  
 Stanley Tools Div., Stanley Works, New Britain,  
 Conn.  
 Starrett (L. S.) Co., Athol, Mass.  
 Vichek Tool Co., 3006 E. 87th, Cleveland, O.  
 Whitaker Mfg. Co., Chicago, Ill. "National," "Pe-  
 mo," "Sterling"

**KITS, Utensil, Trailer**

Buckeye Aluminum Co., Wooster, O. "Buckeye"  
**KNAPSACK SPRAYERS**—See Sprayers, Knapsack  
**KNEELING PADS, RUBBER**—See Pads, Kneeling,  
 Rubber  
**KNIFE CASES**—See Cases, Knife  
**KNIFE GAGES, DRAW**—See Gages, Draw Knife  
**KNIFE GRINDERS**—See Grinders, Knife  
**KNIFE HOLDERS**—See Holders, Kitchen Knife  
**KNIFE SHARPENERS**—See Sharpeners, Knife  
**KNIFE SHARPENING STEELS**—See Steels, Knife  
 Sharpening  
**KNIFE SHEATHS**—See Sheaths, Knife  
**KNIFE SWITCHES**—See Switches, Baby Knife  
**KNIFE TRAYS**—See Trays, Knife  
**KNITTING NEEDLES**—See Needles, Knitting

**KNIVES, Advertising**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chi-  
 cago, Ill.  
 Colonial Knife Co., Inc., Providence, R. I.  
 Landers, Frary & Clark, New Britain, Conn. "Uni-  
 versal"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Russell Harrington Cutlery Co., South Bridge, Mass.  
 "Dexter," "Russell"

**KNIVES, Artists'**

Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
 Lamson & Goodnow Mfg. Co., Shelburne Falls,  
 Mass. "Lamson"  
 Landers, Frary & Clark, New Britain, Conn. "Uni-  
 versal"  
 Murphy's (Robert) Sons Co., Ayer, Mass. "Stay  
 Sharp"  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter," "Russell"

**KNIVES, Asparagus & Dandelion**

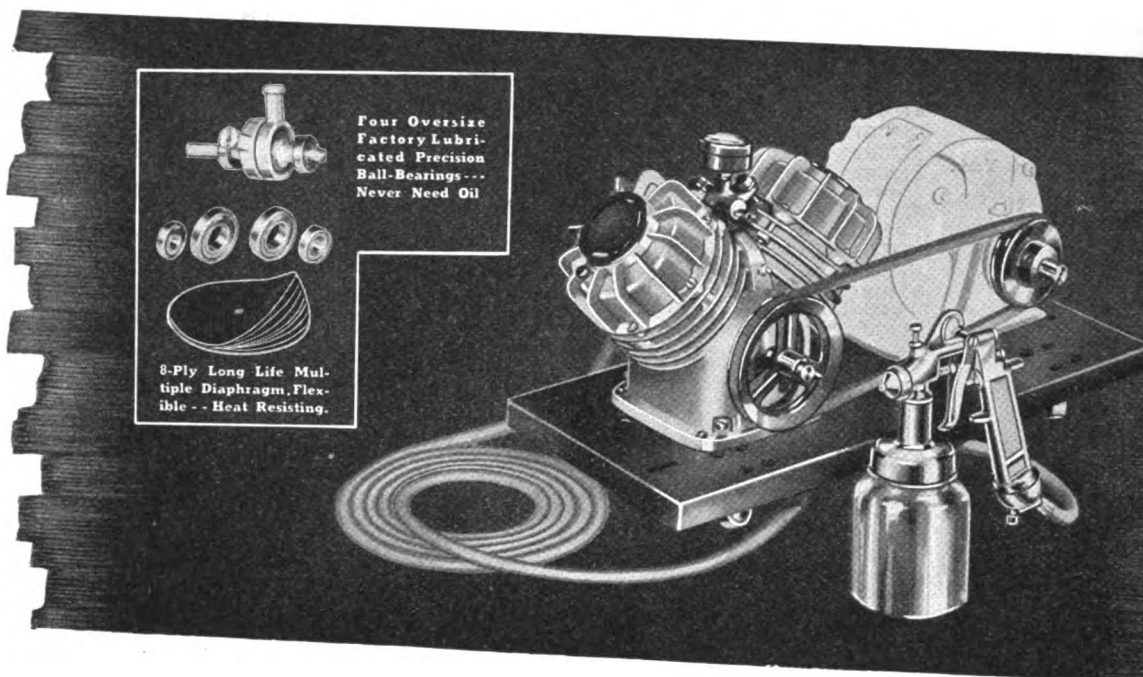
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles,  
 Cal. "Boyco"  
 Damascus Steel Products Corp., Rockford, Ill.  
 "Dasco"  
 General Hdwe. Corp., 3530 W. Pierce, Milwaukee,  
 Wis.  
 Goodell Co., Antrim, N. H.  
 Johnson (William), Inc., 36 Brenner, Newark, N.J.  
 Russell Harrington Cutlery Co., South Bridge, Mass.  
 "Russell"  
 Village Blacksmith Folks, Watertown, Wis.  
 Winsted Mfg. Co., Inc., Winsted, Conn.

**KNIVES, Banana**

Chatillon (John) & Sons, 85 Cliff, New York, N.Y.  
 Clyde Cutlery Co., Clyde, O.  
 Goodell Co., Antrim, N. H.  
 Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
 Lamson & Goodnow Mfg. Co., Shelburne Falls,  
 Mass. "Lamson"  
 Landers, Frary & Clark, New Britain, Conn. "Uni-  
 versal"  
 Murphy's (Robert) Sons Co., Ayer, Mass. "Stay  
 Sharp"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter," "Russell"  
 Storts (John) & Son, 210 Vine, Phila., Pa.  
 Tuck Mfg. Co., Brockton, Mass.



# W. R. BROWN-SPEEDY PAINT SPRAYERS



**Four Oversize Factory Lubricated Precision Ball-Bearings—Never Need Oil**

**8-Ply Long Life Multiple Diaphragm, Flexible - Heat Resisting.**

**Nationally Advertised for YOU!**

**Portable Practical**

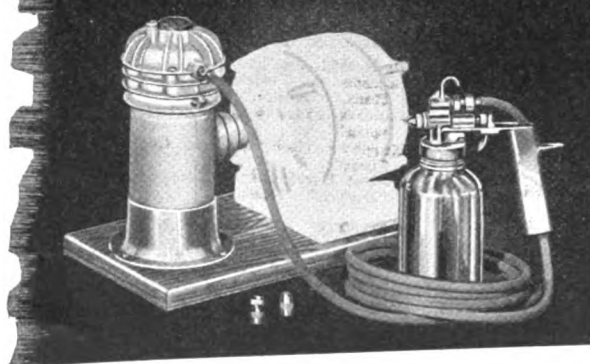
## New! 100% Oil-Less No. 444 "V" Twin Outfit

- **Clean Oil-Free Air**—no oily cylinder walls—no oil pumping pistons—no oiled surfaces in contact with the air at any time—only possible in a diaphragm type compressor.
- **100% Oil-less**—Newest type oversize precision ball bearings, grease packed at the factory and permanently sealed never need oiling again. A new thoroughly proven and tested principle in bearing design.
- **Long Life Multiple-Type Diaphragms**—working in carefully designed compression chambers instead of standard piston and cylinder type compressor render months of practical service.
- **Opposed Connecting Rod—"V" Type Construction** insures smooth

operation and eliminates vibration—carefully engineered to operate to maximum efficiency within the safe power limits of a ½ horsepower electric motor or gasoline engine.

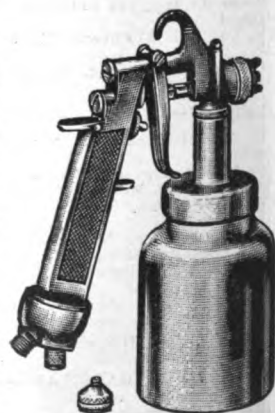
No. 444 Outfit complete as illustrated with No. 121 Gun and 15 ft.—¼" I.D. high-test rubber air hose but without motor. Shpg. Wt. 43 lbs., Code YSCJE. List Price .....\$34.50  
 No. 442 Outfit—same as No. 444 but with No. 112 Gun. Shpg. Wt. 42 lbs., Code YSBTO. List Price .....\$33.00  
 No. 440 "V" Twin Oil-less Compressor only mounted on base with "V" Belt, Motor Pulley, but without motor. Shpg. Wt. 38 lbs., Code YSAML. List Price .....\$28.00

## Oil-Less Electric Marvel Sprayer No. 713



- **Only Two Moving Parts**—Built to stand continuous daily operation under full working load.
- **Fits Any Electric Motor** with a standard ½ inch diameter shaft and requires no special mountings or base. We recommend a ¼ or 1/6 H.P. Motor 1750 R.P.M. for best results.
- **Oil Free Clean Air** at all times only possible with a diaphragm type compressor. No oiled surfaces ever come in contact with the air at any time.

No. 713 Outfit complete as illustrated with mounting accessories, tire chuck, 16 ft. high-test all-rubber hose and No. 115 gun, but without motor. Shpg. wt., 8 lbs., Code YRIWF. List price...\$9.25  
 No. 715. Outfit same as No. 713 but with No. 902 Gun. Shpg. wt., 7 lbs., Code YRHYI. List price .....\$6.85  
 No. 711 Compressor with mounting accessories, without tire chuck, air hose, gun or motor. Shpg. Wt., 6 lbs. Code YRGOK. List price .....\$5.75  
 (If Base is not wanted on above outfits, deduct 65c from the above prices.)



## NEW! NO. 121 SPRAY GUN

Most efficient for large surfaces, as it is 3 to 5 times faster than brushing. Built-in water filter in handle, with positive "finger-tip" material control of wetness of spray. Internal-mix, "Bleeder" or air valve control, quickly changed, no extra parts required. Long life hardened steel needle valve, liquid and air nozzles. No clamps, no toggles, complete with one quart seamless spun aluminum cup and 2 spray nozzles. List only .....\$7.00

# W. R. BROWN CORPORATION + CHICAGO

Mention Hardware Age When Writing

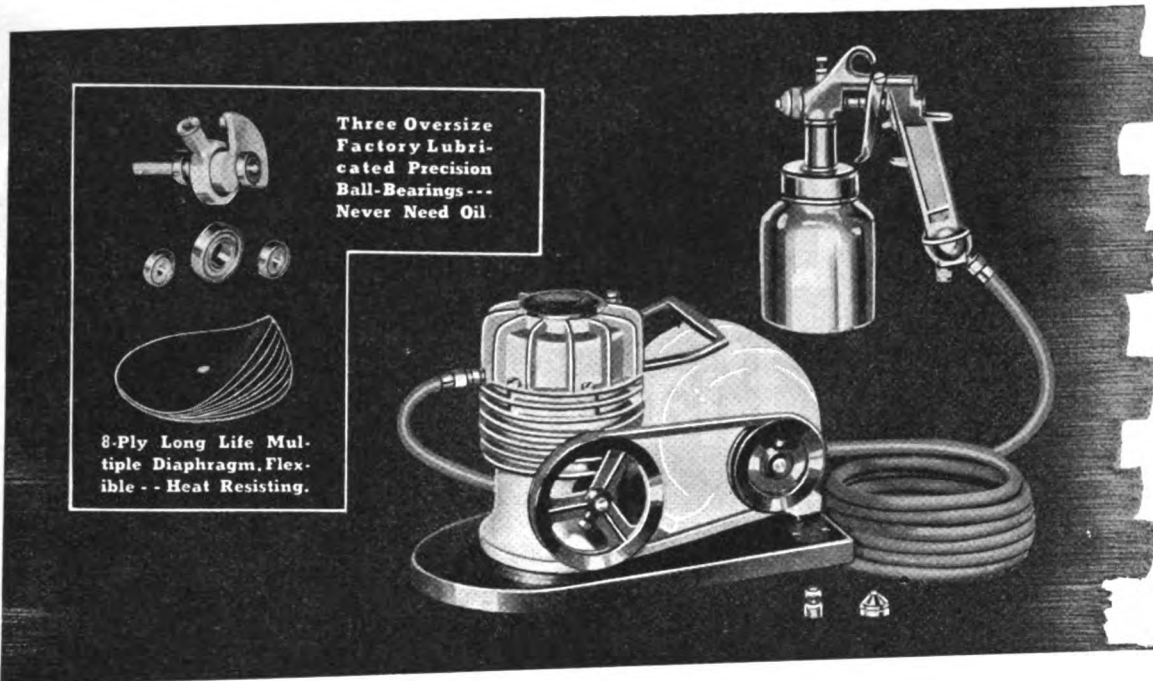
Digitized by Google

# W. R. BROWN-SPEEDY PAINT SPRAYERS

Sold Only  
Through  
DEALERS!



Low Cost  
Fast Selling



Three Oversize  
Factory Lubri-  
cated Precision  
Ball-Bearings---  
Never Need Oil.

8-Ply Long Life Mul-  
tiple Diaphragm, Flex-  
ible -- Heat Resisting.

## No. 885 Speedy Outfit New Oil-Less

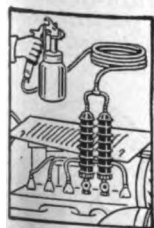
- New Multiple-Type Long Life Diaphragm operating under full pressure renders more hours of actual service than the average automobile.
- Never Needs Oiling. Oversize Precision Ball Bearings grease packed at the factory never need oiling again.
- Oversize Surge Chamber "built-in," eliminates all pulsation. A part of the compressor body without connections or piping to cause leakage or "off center" weight to set up vibrations.
- Clean Oil-Free Air. No oiled surface comes in contact with air at any time. No pistons! No cylinders! No rings! No oil-pumping or

loss of compression from "slippage." Facts only possible with diaphragm compressors.

No. 885 Outfit complete as illustrated with "V" belt, motor pulley 15 ft. high-test air hose and No. 121 gun, but without motor. Shpg. wt., 22 lbs. Code YMPJO. List price .....\$22.00  
No. 892 Same as No. 885 but with No. 115 Gun. Shpg. wt., 20 lbs. Code YMRUY. List price .....\$18.00  
No. 875 Compressor only mounted on steel base with "V" belt and motor pulley but without motor. Shpg. wt., 16 lbs. Code YMRAR. List price .....\$15.00

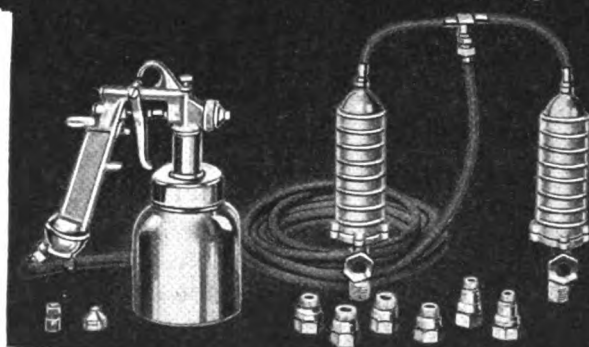
## No. 783 De Luxe Auto Power Spray Outfit

- A Twin Air-Compressor by using two cylinders of any automobile engine. This combination of two spark plug pumps and a high-speed all-purpose spray gun quickly converts two cylinders of your automobile engine into an efficient practical air compressor.
- Does Not Pump Gas. Large intake ports on the spark plug pumps open on the "intake" stroke of the piston to break the vacuum which ordinarily sucks gas or fuel mixtures from the carburetor and manifold.



No. 783 DeLux Auto Power Outfit complete with No. 121 Gun. Shpg. wt., 8 lbs. Code YMRLU. List price, \$11.00

No. 782 DeLux Auto Power Outfit complete with No. 115 Gun. Shpg. wt., 6 lbs. Code YOAGD. List price, \$7.50



## DEALERS: SEND FOR COMPLETE NEW CATALOG

Speedy Sprayers sold through dealers only—nationally advertised in homecraft consumer magazines for you. Send for your price list, discounts, and new catalog of portable, practical, low-cost Speedy Spray equipment.

W. R. BROWN CORPORATION, 5724 ARMITAGE AVE., CHICAGO.

# W. R. BROWN CORPORATION + CHICAGO

# There is MORE AMERICAN FENCE in use than any other brand

IT MUST BE GOOD  
TO HAVE A RECORD  
LIKE THAT!

FARMERS choose American Fence because it lasts. Dealers choose it because it is easier to sell a brand that farmers know . . . good reasons why it will pay you to make your store known as headquarters for U-S-S American Fence. Write us for displays, folders and other sales helps.

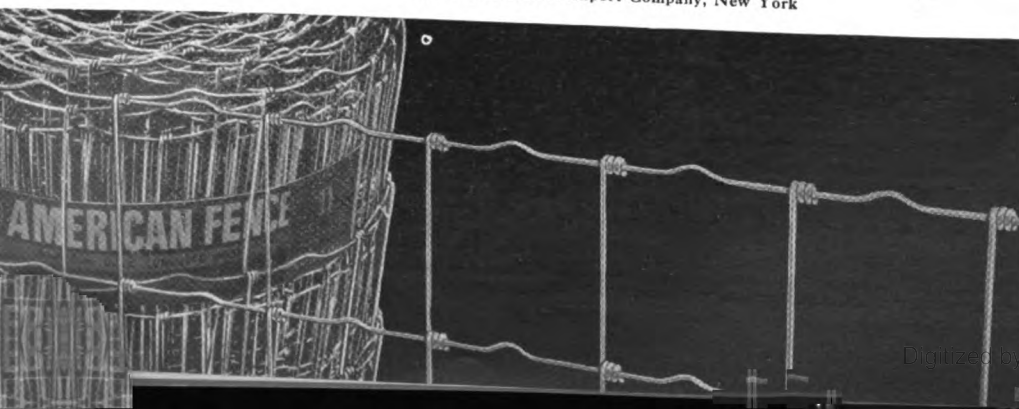
**AMERICAN STEEL & WIRE COMPANY**  
*Cleveland, Chicago and New York*

**COLUMBIA STEEL COMPANY**  
*San Francisco*

**TENNESSEE COAL, IRON & RAILROAD COMPANY**  
*Birmingham*

United States Steel Export Company, New York

OTHER HIGH-QUALITY U-S-S  
American products include steel  
posts, barbed wire, nails, poultry  
fences and netting.



UNITED  
STATE  
STEEL



**KNIVES, Bandage and Plaster**  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Russell Harrington Cutlery Co., South Bridge, Mass. "Dexter"

**KNIVES, Beed**  
Clyde Cutlery Co., Clyde, O.  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Village Blacksmith Folks, Watertown, Wis.

**KNIVES, Board, Fibre**  
Stanley Tools Div. of Stanley Works, New Britain, Conn.

**KNIVES, Bread**  
A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Atlas-Ansonia Co., New Haven, Conn. "Sanford"  
Burns Mfg. Co., Syracuse, N. Y. (Serrated Edge)  
Chatillon (John) & Sons, 85 Cliff, New York, N.Y. "Foster Bros."  
Christy Sales Co., Fremont, O. "Christy"  
Clyde Cutlery Co., Clyde, O.  
Coughlin (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"  
Damasco Steel Products Corp., Rockford, Ill. "Dasco"  
Durham Duplex Razor Co., Mystic, Conn.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Geneva Forge, Inc., 1949 N. Cicero Av., Chicago, Ill. "Geneva Forge"  
Goodell Co., Antrim, N. H.  
Hollinger Cutlery Co., Fremont, O.  
Honk Falls Knife Co., Inc., Napanoch, N. Y. "Honk Falls"  
Knifolks, Inc., Little Valley, N. Y. (Serrated Edge)  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Krumbless," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Old File Cutlery Co., Havana, Ill.  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Remington Arms Co., Inc., Bridgeport, Conn. "Kleanblade" (Toothed Edge)  
Robinson Cutlery Co., Inc., Perry, N. Y. "Shur Edge"  
Robinson Knife Co., Springville, N. Y.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Kingwood," "Russell"  
Sta-Brite Products Corp., New Haven, Conn.  
Tuck Mfg. Co., Brockton, Mass.  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y.  
Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
Village Blacksmith Folks, Watertown, Wis.  
Wallace Bros., Wallingford, Conn.  
Washburn Company, Worcester, Mass.

**KNIVES, Butchers'**  
A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Case (W. R.) & Sons Cutlery Co., Bradford, Pa.  
Cattaraugus Cutlery Co., Little Valley, N. Y. "Beneca"  
Chatillon (John) & Sons, 85 Cliff, New York, N.Y. "Foster Bros."  
Claus Shear Co., Fremont, O.  
Clyde Cutlery Co., Clyde, O.  
Damasco Steel Products Corp., Rockford, Ill. "Dasco"  
Durham Duplex Razor Co., Mystic, Conn.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Geneva Forge, Inc., 1949 N. Cicero Av., Chicago, Ill. "Geneva Forge"  
Goodell Co., Antrim, N. H.  
Hollinger Cutlery Co., Fremont, O.  
Honk Falls Knife Co., Inc., Napanoch, N. Y. "Honk Falls"  
Hudson (C. O.) Cutlery Co., Howard City, Mich.  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
International Edge Tool Co., Inc., 43 S. 6th, Newark, N. J.  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
Knifolks, Inc., Little Valley, N. Y.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Old File Cutlery Co., Havana, Ill.  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Robinson Knife Co., Springville, N. Y.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Berg" (Swedish)  
Sta-Brite Products Corp., New Haven, Conn.  
Union Cutlery Co., Inc., Olean, N. Y.  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y.  
Utica Cutlery Co., Utica, N. Y. "Kutmaster," "Utica"  
Village Blacksmith Folks, Watertown, Wis.  
Voo Co., Inc., New Haven, Conn.  
Wallace Bros., Wallingford, Conn.  
Washburn Company, Worcester, Mass.  
White (L. & J. J.) Co., Div. of the Simonds-Wornden-White Co., Dayton, O.

**KNIVES, Butter**  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Sta-Brite Products Corp., New Haven, Conn.

**KNIVES, Cane, Etc.**  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Collins Co., Collinsville, Conn. "Collins Legitimus"  
Diaston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Ohlen-Bishop Co., Columbus, O.  
Victor Tool Co., 300 Chapel Terrace, Reading, Pa.

**KNIVES, Carving**  
(See also Sets, Carving)  
A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Cattaraugus Cutlery Co., Little Valley, N. Y.  
Chatillon (John) & Sons, 85 Cliff, New York, N.Y. "Foster Bros."  
Claus Shear Co., Fremont, O.  
Clyde Cutlery Co., Clyde, O.  
Crescent Mfg. Co., Fremont, O.  
Damasco Steel Products Corp., Rockford, Ill. "Dasco"  
Durham Duplex Razor Co., Mystic, Conn.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Geneva Forge, Inc., 1949 N. Cicero Av., Chicago, Ill. "Geneva Forge"  
Goodell Co., Antrim, N. H.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Old File Cutlery Co., Havana, Ill.  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Robeson Cutlery Co., Inc., Perry, N. Y. "Shur-Edge"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Kingwood," "Russell"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Berg" (Swedish)  
Silver Plate Cutlery Co., Derby, Conn.  
Sta-Brite Products Corp., New Haven, Conn.  
Village Blacksmith Folks, Watertown, Wis.  
Wallace (R.) & Sons Mfg. Co., Wallingford, Conn.

**KNIVES, Casing**  
Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Russell"

**KNIVES, Cheese**  
A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Chatillon (John) & Sons, 85 Cliff, New York, N.Y. "Foster Bros."  
Clyde Cutlery Co., Clyde, O.  
Damasco Steel Products Corp., Rockford, Ill. "Dasco"  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Herschel (R. M.) Mfg. Co., Peoria, Ill.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Sta-Brite Products Corp., New Haven, Conn.

**KNIVES, Chopping**  
A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y. "Foster Bros."  
Dover Stamping & Mfg. Co., Cambridge, Mass.  
Richard (Stephen) Co., Southbridge, Mass.  
Sommer (J. L.) Mfg. Co., 251 N. J. Railroad Av., Newark, N. J.  
United Royalties Corp., 1133 B'way, New York, N. Y. "Saturn"  
Village Blacksmith Folks, Watertown, Wis.  
Voo Co., New Haven, Conn.  
Washburn Company, Worcester, Mass.

**KNIVES, Cigar**  
Clyde Cutlery Co., Clyde, O.  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge" (Carbon Steel)  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter"  
Tuck Mfg. Co., Brockton, Mass.  
**KNIVES, Clam**—See Knives, Oyster and Clam  
**KNIVES, Cobblers**—See Knives, Shoe

**KNIVES, Cook**  
Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. (Imported)  
Chatillon (John) & Sons, 85 Cliff, New York, N.Y. "Foster Bros."  
Clyde Cutlery Co., Clyde, O.  
Damasco Steel Products Corp., Rockford, Ill. "Dasco"  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Geneva Forge, Inc., 1949 N. Cicero Av., Chicago, Ill. "Geneva Forge"  
International Edge Tool Co., Inc., 43 S. 6th, Newark, N. J.  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Robeson Cutlery Co., Inc., Perry, N. Y. "Shur-Edge"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Kingwood," "Russell"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Berg" (Swedish)

**KNIVES, Corn**  
(See also Hooks, Corn)  
American Fork & Hoe Co., Cleveland, O. "True Temper"  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Clyde Cutlery Co., Clyde, O.  
Columbian Cutlery Co., Reading, Pa.  
Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Goodell Co., Antrim, N. H.  
Keller (E. L.), Buckeystown, Md.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
North Wayne Tool Co., Oakland, Me. "Black Diamond," "Lightning," "Little Giant"  
Ohlen-Bishop Co., Columbus, O.  
Old File Cutlery Co., Havana, Ill.  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Rixford Mfg. Co., East Highgate, Vt.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Russell"  
Victor Tool Co., 300 Chapel Terrace, Reading, Pa.  
Village Blacksmith Folks, Watertown, Wis.  
Wadsworth (David) & Son, Box 610, Auburn, N.Y.  
Winsted Mfg. Co., Inc., Winsted, Conn. "Clipper"  
**KNIVES, Dehorner**—See Dehorners

**KNIVES, Drawing**  
Buck Bros., Millbury, Mass.  
Greenlee Tool Co., Rockford, Ill.  
Mack Tool Co., Inc., Rochester, N. Y. "D. B. Barton"  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Swan (Jas.) Co., Seymour, Conn.  
Village Blacksmith Folks, Watertown, Wis.  
White (L. & J. J.) Co., Div. of the Simonds-Wornden-White Co., Dayton, O.  
Winsted Edge Tool Wks., Winsted, Conn. "With-erby"

**KNIVES, Electricians'**  
Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
Camillus Cutlery Co., Camillus, N. Y.  
Cattaraugus Cutlery Co., Little Valley, N. Y.  
Colonial Knife Co., Inc., Providence, R. I.  
Divine (Dwight) & Sons, Inc., Ellenville, N. Y. "Ulster"  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Imperial Knife Co., Inc., Providence, R. I.  
Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
Utica Cutlery Co., Utica, N. Y. "Utica"

**KNIVES, Ensilage**  
American Knife Co., Baldwinsville, N. Y.  
Anderson Knife & Bar Co., Anderson, Ind.  
Hardy (L.) Co., Worcester, Mass.

**KNIVES, Farriers'**  
Champion DeArment Tool Co., Meadville, Pa.  
Heller Brothers Co., 865 Prospect Ave., Newark, N. J.  
Obelman, Joseph, Utica, N. Y. "Pope's"

**KNIVES, Fish**  
Briddell (Chas. D.), Inc., Crisfield, Md. "Briddell"  
Camillus Cutlery Co., Camillus, N. Y.  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y. "Foster Bros."  
Clyde Cutlery Co., Clyde, O.  
Colonial Knife Co., Inc., Providence, R. I.

*It's easy to sell Savoil*

**RANGES - STOVES - HEATERS**

**Outstanding Value . . . Price Appeal**



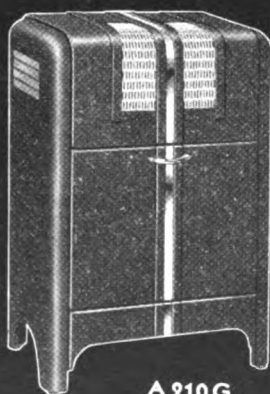
C732 S



500



D84



A210G

WRITE FOR  
NEW  
48-PAGE CATALOG

**UNITED STOVE CO.**  
YPSILANTI, MICHIGAN

## MOULTON LADDER MANUFACTURING CO.

ESTABLISHED 1839

Somerville



Mass.

**MOULTON**  
REG. U.S. PAT. OFF.  
**EXCEL**

A profitable good quality Stepladder for household or light Industrial use. Sides  $2\frac{3}{4}$ ", Legs  $1\frac{3}{4}$ ", Treads  $3\frac{1}{2}$ ". Truss Rod under each Tread. Steel Top Hinge clamped over Top. Safety Spreader Hinges. All Hardware Cadmium plated. Weight approx.  $2\frac{1}{2}$  lbs. per ft.



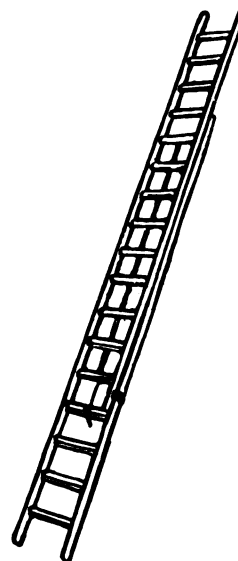
### UTILITY

#### Extension Ladder

Clear straight grain fir or hemlock with  $1\frac{1}{8}$  in. turned ash rungs. Spring locks. Hand forged steel top irons. Malleable bottom irons. All hardware Cadmium plated. Lengths 20 to 44 ft. incl. Wgt. approx. 2 lbs. per ft.

**SINGLE LADDER**—Clear straight grain ladder stock with selected  $1\frac{1}{8}$  in. hardwood rungs, Wgt. approx. 2 lbs. per ft. Standard lengths: 10 to 22 ft.

Also Window - Cleaning, Platform, Mason, Wing Nut Section Ladders; Extension and Fruit Stepladders; Yard, Balcony, Nursery Clothes Dryers, Folding Clothes Horses, Ironing Tables and "Hill" Dryers.



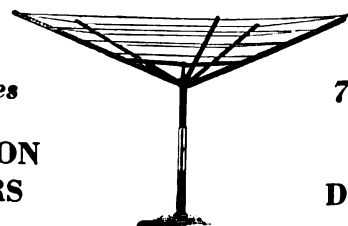
### YARD DRYERS

5 Types

**MOULTON  
DRYERS**

7 Types

**HILL  
DRYERS**



Send for 1940 Catalogue

Mention Hardware Age When Writing

Digitized by Google

## KNIVES, Fish (Continued)

Damascus Steel Products Corp., Rockford, Ill.  
 "Daseco"  
 Hollinger Cutlery Co., Fremont, O.  
 International Edge Tool Co., Inc., 43 S. 6th, Newark, N. J.  
 Lamon & Goodnow Mfg. Co., Shelburne Falls, Mass.  
 "Lamson"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble's"  
 Murphy's (Robert) Sons Co., Ayer, Mass.  
 Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter," "Russell"  
 Schrade, George, Bridgeport, Conn.  
 Union Cutlery Co., Olean, N. Y. "Ka-Bar"  
 Utica Cutlery Co., Utica, N. Y. "Fishmaster"  
 Village Blacksmith Folks, Watertown, Wis.

## KNIVES, Fleshing

Hawkins Co., South Britain, Conn. "Blake & Lamb"

## KNIVES and FORKS, Table

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Cattaraugus Cutlery Co., Little Valley, N. Y.  
 Clyde Cutlery Co., Clyde, O.  
 Damascus Steel Products Corp., Rockford, Ill.  
 "Daseco"  
 Durham Duplex Razor Co., Mystic, Conn.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
 Goodell Co., Antrim, N. H.  
 Lamon & Goodnow Mfg. Co., Shelburne Falls, Mass.  
 "Anchor"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Ontario Knife Co., Franklinville, N. Y.  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Robeson Cutlery Co., Inc., Perry, N. Y. "Shur Edge"  
 Robinson Knife Co., Springville, N. Y.  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Russell"  
 Sta-Brite Products Corp., New Haven, Conn.  
 United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y.  
 Village Blacksmith Folks, Watertown, Wis.

## KNIVES, Florist, Nursery & Budding

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
 Baker (H.) & Co., 101 Duane, New York, N. Y.  
 "Tree Brand"  
 Camillus Cutlery Co., Camillus, N. Y.  
 Cattaraugus Cutlery Co., Little Valley, N. Y.  
 Divine (Dwight) & Sons, Inc., Ellenville, N. Y.  
 "Uster"  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
 Union Cutlery Co., Olean, N. Y.  
 Utica Cutlery Co., Utica, N. Y. "Utica"

## KNIVES, Fruit

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
 "Foster Bros."  
 Continental Mfg. Co., 702 6th Av., New York, N. Y.  
 Geneva Forge, Inc., 1949 N. Cicero Av., Chicago, Ill.  
 "Geneva Forge"  
 Goodell Co., Antrim, N. H.  
 Lamon & Goodnow Mfg. Co., Shelburne Falls, Mass.  
 "Lamson"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 "Kleanblade"  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter," "Russell"  
 Sta-Brite Products Corp., New Haven, Conn.  
 Sportz (John) & Son, 210 Vine, Phila., Pa.  
 Village Blacksmith Folks, Watertown, Wis. (Stainless)  
 Voss Co., Inc., New Haven, Conn.

## KNIVES, Grapefruit

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Baker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
 Burns Mfg. Co., Syracuse, N. Y. (Serrated Edge)  
 Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
 Clyde Cutlery Co., Clyde, O.  
 Coughlan (G. N.) Co., 422 Alden, Orange, N. J.  
 "Easy-Aid"  
 Damascus Steel Products Corp., Rockford, Ill.  
 "Daseco"  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
 Geneva Forge, Inc., 1949 N. Cicero Av., Chicago, Ill.  
 Goodell Co., Antrim, N. H.  
 Kitzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Lamon & Goodnow Mfg. Co., Shelburne Falls, Mass.  
 "Anchor," "Lamson"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"

Murphy's (Robert) Sons Co., Ayer, Mass.  
 Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Robeson Cutlery Co., Inc., Perry, N. Y. "Shur Edge"  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter," "Russell"  
 Sta-Brite Products Corp., New Haven, Conn.

## KNIVES, Hacking

Hyde Mfg. Co., Southbridge, Mass.  
 Lamon & Goodnow Mfg. Co., Shelburne Falls, Mass.  
 "Lamson"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
 Smith (Landon P.) Inc., 130 Coit, Irvington, N. J.  
 "Red Devil"

## KNIVES, Hay

American Fork & Hoe Co., Cleveland, O. "Electric," "True Temper"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Canton"  
 Ely Mfg. Co., Girard, Pa.  
 Erie City Mfg. Co., Erie, Pa. "Arrow"  
 Iwan Bros., South Bend, Ind. "Heath Pattern," "Serrated," "Sickle Edge," "Solid Socket"  
 Ney Mfg. Co., Canton, O. "American," "Scalloped Edge"  
 North Wayne Tool Co., Oakland, Me. "Blizzard," "Lightning"  
 Wadsworth (David) & Son, Box 610, Auburn, N. Y.  
 "Weymouth"

## KNIVES, Hedge

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.  
 Old File Cutlery Co., Havana, Ill.  
 Village Blacksmith Folks, Watertown, Wis.  
 KNIVES, Heel—See Knives, Shoe

## KNIVES, Hunting

Camillus Cutlery Co., Camillus, N. Y.  
 Cattaraugus Cutlery Co., Little Valley, N. Y.  
 Clyde Cutlery Co., Clyde, O.  
 Colonial Knife Co., Inc., Providence, R. I.  
 Damascus Steel Products Corp., Rockford, Ill.  
 "Daseco"  
 Divine (Dwight) & Sons, Inc., Ellenville, N. Y.  
 "Uster"  
 Durham Duplex & Razor Co., Mystic, Conn.  
 Estwing Mfg. Co., Rockford, Ill.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
 Honk Falls Knife Co., Inc., Napanoch, N. Y. "Honk Falls"  
 Hudson (C. O.) Cutlery Co., Howard City, Mich.  
 Imperial Knife Co., Inc., Providence, R. I.  
 Kinfolks, Inc., Little Valley, N. Y.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble's"  
 Northfield Knife Co., Northfield, Conn.  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Russell"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Berg" (Swedish)  
 Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
 Schrade, George, Bridgeport, Conn.  
 Union Cutlery Co., Olean, N. Y. "Ka-Bar"  
 Victor Tool Co., 300 Chapel Terrace, Reading, Pa.  
 Village Blacksmith Folks, Watertown, Wis.  
 KNIVES, Jack—See Knives, Pocket

## KNIVES, Kitchen, Paring, Etc.

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
 "Tip"  
 Burns Mfg. Co., Syracuse, N. Y.  
 Camillus Cutlery Co., Camillus, N. Y.  
 Cattaraugus Cutlery Co., Little Valley, N. Y.  
 "Seneca"  
 Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
 "Foster Bros."  
 Clauss Shear Co., Fremont, O.  
 Clyde Cutlery Co., Clyde, O.  
 Coughlan (G. N.) Co., 422 Alden, Orange, N. J.  
 "Easy-Aid"  
 Damascus Steel Products Corp., Rockford, Ill.  
 "Daseco"  
 Divine (Dwight) & Sons, Inc., Ellenville, N. Y.  
 "Uster"  
 Durham Duplex Razor Co., Mystic, Conn.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
 Gayle (Geo. W.) & Son, Frankfort, Ky.  
 Geneva Forge, Inc., 1949 N. Cicero Av., Chicago, Ill.  
 "Geneva Forge"  
 Goodell Co., Antrim, N. H.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Hollinger Cutlery Co., Fremont, O.  
 Honk Falls Knife Co., Inc., Napanoch, N. Y. "Honk Falls"  
 Hudson (C. O.) Cutlery Co., Howard City, Mich.  
 International Edge Tool Co., Inc., 43 S. 6th, Newark, N. J.

Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Kinfolks, Inc., Little Valley, N. Y.  
 Lamon & Goodnow Mfg. Co., Shelburne Falls, Mass.  
 "Lamson"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp," "Temperite"  
 Old File Cutlery Co., Havana, Ill.  
 Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
 Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Robeson Cutlery Co., Inc., Perry, N. Y. "Shur Edge"  
 Robinson Knife Co., Springville, N. Y.  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter," "D. Harrington & Son," "Kingwood," "Russell"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Berg" (Swedish)  
 Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
 Smiley (W. C.), Roanoke, Va. (Tomato Knife)  
 Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad Av., Newark, N. J. "Raskut" (Razor Blade)  
 Sta-Brite Products Corp., New Haven, Conn.  
 Tuck Mfg. Co., Brockton, Mass. "Usanhang"  
 Union Cutlery Co., Inc., Olean, N. Y.  
 United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y.  
 Utica Cutlery Co., Utica, N. Y. "Kutmaster," "Utica"  
 Village Blacksmith Folks, Watertown, Wis.  
 Voss Co., Inc., New Haven, Conn.  
 Wallace Bros., Wallingford, Conn.  
 Washburn Company, Worcester, Mass.  
 Woehr (Chas. A.) Co., Lancaster, Pa. "Always-Sharp"  
 KNIVES, Linemen—See Knives, Electricians  
 KNIVES, Linoleum—See Knives, Oil Cloth  
 KNIVES, Lip—See Knives, Shoe

## KNIVES, Machine

American Knife Co., Baldwinville, N. Y.  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 California Saw Wks., San Francisco, Cal.  
 Coes (Loring) Co., Worcester, Mass. "Micro-Ground"  
 Diaston (Henry) & Sons, Inc. (Tacony) Phila., Pa.  
 Griffiths (Albert) Saw Co., Boston, Mass.  
 Huther Bros. Saw Mfg. Co., Inc., Rochester, N. Y.  
 Ohlen-Bishop Co., Columbus, O.  
 Oram (John S.) Co., Cincinnati, O.  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. (Swedish)  
 Simonds Saw & Steel Co., Fitchburg, Mass. "Red Streak"  
 Simons (A. A.) & Son Co., Dayton, O.  
 Southern Saw Works, Inc., Atlanta, Ga.  
 White (L. & J.) Co., Division of the Simonds-Worden-White Co., Dayton, O.

## KNIVES, Manual Training

Chattanooga Saw Wks., Chattanooga, Tenn.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.  
 Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter," "Russell"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. (Swedish)  
 Tuck Mfg. Co., Brockton, Mass.

## KNIVES, Mill

Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
 Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter"

## KNIVES, Mincing

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 Arcade Mfg. Co., Freeport, Ill.  
 Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
 Carpenter (E. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn.  
 Chief Products Co., 701 E. 59th, Los Angeles, Cal.  
 "Chief"  
 Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Foley Mfg. Co., 11 Main, N. E. Minneapolis, Minn.  
 "Foley"  
 Forsyth Metal Goods Co., Inc., East Aurora, N. Y.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Kitzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Ohlen-Bishop Co., Columbus, O.  
 Robeson Cutlery Co., Inc., Perry, N. Y. "Shur Edge"  
 Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad Av., Newark, N. J.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Udell Wks., Indianapolis, Ind. "Clauss"  
 Uneek Utilities Corp., Chicago, Ill. "Tearless"  
 United States Lock & Hdw. Co., Columbia, Pa.  
 United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Unitool"  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
 Voss Co., Inc., New Haven, Conn. "Double Action," "Lightning" (Stainless)  
 Washburn Company, Worcester, Mass.



# 1840 Russell Jennings AUGER BITS 1940

## EXTENSION LIP AUGER BITS



**No. 100—STANDARD POINT**



Screw point has a double thread—our standard for hand brace use for many years. This bit bores easily and cuts a smooth hole and is recommended for general use. Especially favored by cabinet makers, who require accuracy and easy boring in all woods.



**No. 101—QUICK BORING POINT**



This bit is exactly like No. 100, except that the screw point has a coarse single thread, which enables the operator to bore faster than he could with a double threaded point. This bit is very effective in gummy wood, as the thread will not clog.

### LIST PRICES ON NOS. 100 & 101:

Sizes in 16ths	3	4	5	6	7	8	9	10	11	12	13	14	15	16
List per doz.	\$12.00	10.00	10.00	10.00	10.00	10.00	12.00	12.00	14.00	14.00	16.50	16.50	19.00	19.00
Sizes in 16ths	17	18	19	20	21	22	23	24	25	26	27	28	29	30
List per doz.	\$24.00	24.00	28.00	28.00	32.00	32.00	36.00	36.00	42.00	42.00	48.00	48.00	54.00	60.00

Packed in dozens up to 12/16 and 1/2 doz. in larger sizes. Carried in stock: No. 100, 3/16 to 16/16 inclusive by 32nds and 16/16 to 32/16 inclusive by 16ths. No. 101, 3/16 to 32/16 inclusive by 16ths.

## ELECTRICIANS' AND PLUMBERS' BITS



These special-design bits, with single spur and cutter and coarse thread screw, bore smooth, accurate holes with surprising rapidity. Of fine high carbon steel, they have long edge life. The saving of time usually spent in sharpening

No. L-101E—Length over all, 10 1/2 inches.  
Carried in stock in sizes 10/16, 11/16 & 12/16.

No. J-101E—Length over all, 9 1/2 inches.  
Carried in stock in sizes 11/16 to 28/16 inc.



and keeping other bits in shape makes up for the slight extra cost many times over—to say nothing of the ease of operation. Complete assortment of sizes and lengths carried in stock.

No. J-101S—Length over all, 6 1/2 inches.  
Carried in stock in sizes 12/16 & 14/16. List prices, Nos. L-101E J-101E & J-101S same as Nos. 100 & 101, above.

## EXTENSION LIP LONG DOWEL BITS



**No. 102**

Carried in stock in sizes 3/16 to 12/16 by 32nds.  
List prices same as Nos. 100 & 101, above.

## MACHINE DOWEL BITS



**No. 300—SHORT MACHINE DOWEL BIT**

Length of twist, 1 1/8 inches. Shank, 1 1/8 x 5/16 inches. Rounds polished. Carried in stock: 2/16 to 8/16 by 16ths; 5/16 to 15/16 by 32nds; also 9-11-13-15-17-19-21 and 23/64ths.

**No. 301—LONG MACHINE DOWEL BIT**

Length of twist, 2 inches. Shank, 2 1/4 x 5/16 inches. Rounds polished. This particular bit is carried with standard double thread and also with coarse single thread, but double thread is furnished unless otherwise specified. Carried in stock: 3/16 to 9/16 by 32nds; 9/16 to 16/16 by 16ths.

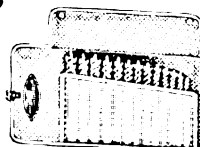
List prices same as Nos. 100 & 101, above.

List price of any size under 4/16, \$12.00 per doz.

## GRADED SETS

IN BOXES

	List
32 1/4 quarters	\$17.00
22 1/2 quarters	12.95
20 1/4 quarters	11.80
18 quarters	11.00
17 1/2 quarters	9.50
IN ROLLS	
32 1/4 quarters	\$16.35



## SOLID HEAD EXPANSIVE BITS



No. 71—strongest expansive bit made. Precision cutter operates entirely within a one-piece steel head. Not held on outside of head by plates or clamps, cutter can not work loose, even at extreme adjustment. Screw, spur and every other detail are "Russell Jennings Quality." List price, complete with two cutters, affording a total diameter range of 7/8 to 2 1/2 inches, \$54.00 per doz.

## SQUARE SHANK MACHINE DOWEL BITS



**List Prices, Nos. 308, 309**

(Single or Double Thread Points)

List prices same as Nos. 100 & 101, above.

## TURNED SHANK MACHINE BITS



**No. 310**

Sizes in 16ths	3	4	5	6	7	8	9
List per doz.	\$10.80	10.80	10.80	10.80	10.80	10.80	12.00
Sizes in 16ths	10	11	12	13	14	15	16
List per doz.	13.20	14.40	15.60	16.80	18.00	19.20	20.40

Turned shank machine bits carried in stock with twists 2" long to 12" long, and in sizes from 3/16ths to 32/16ths in most lengths of twist (see our catalog).

CONVEYORS MADE TO ORDER—Prices on Application

THE RUSSELL JENNINGS MFG. CO., CHESTER, CONN., U. S. A.

Mention Hardware Age When Writing

**KNIVES, Novelty—See Knives, Pocket, Advertising**

**KNIVES, Office**

Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
Camillus Cutlery Co., Camillus, N. Y.  
Divine (Dwight) & Sons, Inc., Ellenville, N. Y.  
"Ulster"  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.  
"Rodgers" (British)  
Imperial Knife Co., Inc., Providence, R. I.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
Utica Cutlery Co., Utica, N. Y. "Utica"  
Voos Co., Inc., New Haven, Conn.

**KNIVES, Oil Cloth**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Cattaraugus Cutlery Co., Little Valley, N. Y.  
Clyde Cutlery Co., Clyde, O.  
Hyde Mfg. Co., Southbridge, Mass. "Hydex," "2-Point"  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Parker Wire Goods Co., Worcester, Mass. "Deta"  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "D. Harrington & Son," "Russell"  
Smith (Landon P.) Inc., 130 Coit, Irvington, N. J. "Red Devil"  
Tuck Mfg. Co., Brockton, Mass.  
Village Blacksmith Folks, Watertown, Wis.  
Ward (R. R.) Mfg. Co., 6501 Euclid Av., Cleveland, O. "Ward"

**KNIVES, Orange—See Knives, Fruit; also Knives, Grape Fruit**

**KNIVES, Oyster and Clam**

Briddell (Chas. D.) Inc., Crisfield, Md. "Briddell," "Champion Stabber"  
Carver Tool Wks., Spring Valley, N. Y.  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y. "Poster Bros."  
Clyde Cutlery Co., Clyde, O.  
Hens (A.) & Sons, 1916 Fleet, Baltimore, Md.  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "New Haven," "Providence," "Temperite" (Stainless Steel)  
Penn Tool Co., 713 N. Broad, Phila., Pa.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Storitz (John) & Son, 210 Vine, Phila., Pa.  
Tuck Mfg. Co., Brockton, Mass.

**KNIVES, Paper Hangers'**

Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
Clyde Cutlery Co., Clyde, O.  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Smith (Landon P.) Inc., 130 Coit, Irvington, N. J. "Red Devil"  
Tuck Mfg. Co., Brockton, Mass.  
Warner Mfg. Co., 801 16th Av., S.E., Minneapolis, Minn.

**KNIVES, Paring—See Knives, Kitchen, Paring, Etc.**  
**KNIVES, Plaster—See Knives, Bandage and Plaster**

**KNIVES, Pocket**

Boker (H.) & Co., Inc., 101 Duane, New York, N. Y. "Tree Brand"  
Camillus Cutlery Co., Camillus, N. Y.  
Carter Products Corp., 702 Front Av., Cleveland, O. "Carter Blade Master"  
Case (W. B.) & Sons Cutlery Co., Bradford, Pa.  
Cattaraugus Cutlery Co., Little Valley, N. Y. "Whitt-L-Kraft"  
Christy Sales Co., Fremont, O. "Christy"  
Claude Shear Co., Fremont, O.  
Colonial Knife Co., Inc., Providence, R. I. "Forest Master," "Rainbow," "Twenty Grand"  
Divine (Dwight) & Sons, Inc., Ellenville, N. Y. "Ulster"  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Gita Bros. Mfg. Co., 1846 So. Kilbourn Av., Chicago, Ill. "Gita-Nite"  
Hollister Cutlery Co., Fremont, O.  
Honk Falls Knife Co., Inc., Napanoch, N. Y. "Honk Falls"  
Imperial Knife Co., Inc., 14 Blount, Providence, R. I. "Hammer Brand," "Jack-Master"  
Lackawanna Cutlery Co., Nicholson, Pa.  
Landers, Frary & Clark, New Britain, Conn. "Universal"

Modern Metal Products Co., 581 Boylston, Boston, Mass. "Keenife"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Robeson Cutlery Co., Inc., Ferry, N. Y. "Shur Edge"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Barlows," "Russell"  
Salm Mfg. Co., Torrance, Cal.  
Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
Schrade, George, Bridgeport, Conn. "Presto"  
Stainless Cutlery Co., Inc., Camillus, N. Y.  
Utica Cutlery Co., Utica, N. Y. "Kutmaster," "Utica"  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

**KNIVES, Pocket, Advertising**

Camillus Cutlery Co., Camillus, N. Y.  
Divine (Dwight) & Sons, Inc., Ellenville, N. Y. "Ulster"  
Imperial Knife Co., Inc., 14 Blount, Providence, R. I.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
Utica Cutlery Co., Utica, N. Y. "Utica"

**KNIVES, Pocket, Push Button**

Remington Arms Co., Inc., Bridgeport, Conn.  
Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
Schrade, George, Bridgeport, Conn.

**KNIVES, Potters'**

Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"

**KNIVES, Pruning**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
Camillus Cutlery Co., Camillus, N. Y.  
Diaton (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Divine (Dwight) & Sons, Inc., Ellenville, N. Y. "Ulster"  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
Schrade, George, Bridgeport, Conn.  
Union Cutlery Co., Olean, N. Y.  
Utica Cutlery Co., Utica, N. Y. "Utica"  
Victor Tool Co., 300 Chapel Terrace, Reading, Pa.

**KNIVES, Putty**

Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
Atlas-Ansonia Co., New Haven, Conn. "Sanford"  
Blair Tool & Machine Corp., College Point, N. Y.  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"  
Cattaraugus Cutlery Co., Little Valley, N. Y.  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
Clyde Cutlery Co., Clyde, O.  
Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
Ennis Mfg. Co., Reading, Pa.  
Fletcher, Terry Co., Forestville, Conn. "Fletcher"  
Forsberg Mfg. Co., Sea View Av., Bridgeport, Conn. "Viking"  
Goodell Co., Antrim, N. H.  
Hyde Mfg. Co., Southbridge, Mass. "Super-Hyde-Steel"  
International Metal Products Co., 3200 Carroll Av., Chicago, Ill. "Putty-Kwik"  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Temperite"  
Murray-Block Co., Springfield, O. "Tufsteel"  
Ontario Knife Co., Franklinville, N. Y. "True-Edge"  
Parker Wire Goods Co., Worcester, Mass.  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Plymouth Stamped Metal Co., Gallon, O.  
Remington Arms Co., Inc., Bridgeport, Conn.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Smith (Landon P.) Inc., Irvington, N. J. "Red Devil" (Combination Scraper)  
Southington Hdw. Co., Southington, Conn.  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Unitool"  
Village Blacksmith Folks, Watertown, Wis.  
Warner Mfg. Co., 801 16th Av., S.E., Minneapolis, Minn.  
Washburn Company, Worcester, Mass.

**KNIVES, Race**

Divine (Dwight) & Sons, Inc., Ellenville, N. Y. "Ulster"

**KNIVES, Razor Blade**

Conrad Razor Blade Co., Inc., 47-09 86th, Long Island City, N. Y.  
Gillette Safety Razor Co., Boston, Mass.  
Pedersen (J.) Mfg. Co., Bridgeport, Conn. "Wipe Scraper"  
Voos Co., Inc., New Haven, Conn. "Moon"  
Worlds Products Co., Spencer, Ind. "Super-Knife"

**KNIVES, Roofers'**

Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde," "Southbridge," "2-Point"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"

**KNIVES, Rubber**

Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter"

Simonds (A. A.) & Son Co., Dayton, O.  
Tuck Mfg. Co., Brockton, Mass.

**KNIVES, Scallop—See Knives, Oyster and Clam**

**KNIVES, Scout—See Knives, Hunting**

**KNIVES, Scraping**

Atlas-Ansonia Co., New Haven, Conn.  
Clyde Cutlery Co., Clyde, O.  
Forsberg Mfg. Co., Sea View Av., Bridgeport, Conn. "Viking"  
Goodell Co., Antrim, N. H.  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde," "Super-Hyde-Steel," "Theo. Harrington"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Smith (Landon P.) Inc., 130 Coit, Irvington, N. J. "Red Devil"

**KNIVES, Shoe**

Christensen (H. M.) Co., Brockton, Mass.  
Clyde Cutlery Co., Clyde, O.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Goodell Co., Antrim, N. H.  
Hyde Mfg. Co., Southbridge, Mass. "Diamond," "I. P. Hyde"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Ontario Knife Co., Franklinville, N. Y. "True-Edge"  
Parker Wire Goods Co., Worcester, Mass.  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Richard (Stephen) Co., Southbridge, Mass. "S. R."  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. (Swedish)  
Standard Shoe Mch. Co., Lawrence, Mass.  
Tuck Mfg. Co., Brockton, Mass. "Black Diamond," "S. V. Tuck," "T. M. Co."

**KNIVES, Skeleton**

Boker (H.) & Co., 101 Duane, New York, N. Y. "Tree Brand"  
Divine (Dwight) & Sons, Inc., Ellenville, N. Y. "Ulster"  
Schrade Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
Voos Co., New Haven, Conn.

**KNIVES, Skinning**

Chatillon (John) & Sons, 85 Cliff, New York, N. Y. "Foster Bros."  
Clyde Cutlery Co., Clyde, O.  
Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
Goodell Co., Antrim, N. H.  
Honk Falls Knife Co., Inc., Napanoch, N. Y. "Honk Falls"  
Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble's"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Old File Cutlery Co., Havana, Ill.

**KNIVES, Skinning (Continued)**

Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Russell Harrington Cutlery Co., Southbridge, Mass.  
"Dexter," "Russell"  
Sandvik Saw & Tool Corp., 47 Warren, New York,  
N. Y. "Berg" (Swedish)  
Utica Cutlery Co., Utica, N. Y.  
Village Blacksmith Folks, Watertown, Wis.  
**KNIVES, Skiving—See Knives, Tanners'**  
**KNIVES, Sloyd—See Knives, Manual Training**

**KNIVES, Stainless**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Baker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
Burns Bros. Co., Syracuse, N. Y.  
Camillus Cutlery Co., Camillus, N. Y. (Pocket)  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
"Foster Bros."  
Clyde Cutlery Co., Clyde, O.  
Corthlan (G. N.) Co., 422 Alden, Orange, N. J.  
"Easy-Aid"  
Damasco Steel Products Corp., Rockford, Ill.  
"Dasco"  
Durham Duplex Razor Co., Mystic, Conn.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.  
"Rodgers" (British)  
Firth-Sterling Steel Co., McKeesport, Pa.  
Geneva Forge, Inc., 1949 N. Cicero Av., Chicago, Ill.  
"Geneva Forge"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.  
"Anchor," "Exemplar"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Temperite"  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Russell Harrington Cutlery Co., Southbridge, Mass.  
"Dexter," "Russell"  
Schrader Cutlery Co., Walden, N. Y. "Everlastingly Sharp"  
Sta-Brite Products Corp., New Haven, Conn.  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y.  
Utica Cutlery Co., Utica, N. Y. "Utica"  
Village Blacksmith Folks, Watertown, Wis.  
Voss Co., Inc., New Haven, Conn. (Pocket)  
Wallace Bros., Wallingford, Conn.

**KNIVES, Steak**

Baker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
"Foster Bros."  
Clyde Cutlery Co., Clyde, O.  
Damasco Steel Products Corp., Rockford, Ill.  
"Dasco"  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.  
"Rodgers" (British)  
Goodell Co., Antrim, N. H.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.  
"Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal" (Scimitars)  
Old File Cutlery Co., Havana, Ill.  
Ontario Knife Co., Franklinville, N. Y. "True-Edge"  
Remington Arms Co., Inc., Bridgeport, Conn.  
Robinson Knife Co., Springfield, N. Y.  
Russell Harrington Cutlery Co., Southbridge, Mass.  
"Dexter," "Russell"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Berg" (Swedish)  
Sta-Brite Products Corp., New Haven, Conn.  
Village Blacksmith Folks, Watertown, Wis.

**KNIVES, Stencil—See Knives, Manual Training**

**KNIVES, Stencil and Block**

Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde"  
Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Russell Harrington Cutlery Co., Southbridge, Mass.  
"Dexter," "Russell"

**KNIVES, Sticking**

Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
"Foster Bros."  
Damasco Steel Products Corp., Rockford, Ill.  
"Dasco"  
Goodell Co., Antrim, N. H.  
Landers, Frary & Clark, New Britain, Conn.  
"Universal" (Chicken)  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Remington Arms Co., Inc., Bridgeport, Conn.  
(Chicken and Turkey)  
Russell Harrington Cutlery Co., Southbridge, Mass.  
"Dexter," "Russell"

**KNIVES, Table—See Ware, Table, Flat**

**KNIVES, Tanners'**

Murphy's (Robert) Sons Co., Ayer, Mass. "Stay Sharp"  
Russell Harrington Cutlery Co., Southbridge, Mass.  
"Dexter," "D. Harrington & Son"

**KNIVES, Thread—See Knives, Shoe**

**KNIVES, Tinned—See Ware, Table, Tinned**

**KNOB SPINDLES—See Spindles, Knob**

**KNOB, Brass—See Knobs, Door, Brass**

**KNOB, Bronze—See Knobs, Door, Bronze and**

**KNOB, Cabinet—See Knobs, Furniture**

**KNOB, China—See Buttons, Handles and Knobs, China**

**KNOB, Cover, Cooking Utensil**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
Allen-Rogers Corp., Laconia, N. H.  
Baker-McMillen Co., 134 E. Miller Av., Akron, O.  
Cooke-Roberts Corp., Orange, Mass.  
Hall & Carpenter, Phila., Pa.  
Prime Plastic Mfg. Corp., 401 Bedford Av., Bklyn., N. Y. (Catalin)  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Tegco"  
Washburn Company, Worcester, Mass.  
West Bend Aluminum Co., West Bend, Wis.  
"Thermoplar"

**KNOB, Door—See also Latches; also Locks**

**KNOB, Door, Brass and Bronze**

American Cabinet Hdw. Corp., Rockford, Ill.  
"Amerock"  
Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Champion Hardware Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Chesler (J.) & Sons Co., 41 Varick Av., Bklyn., N. Y.  
City Plating & Mfg. Co., St. Louis, Mo.  
Clinton Lock Co., Clinton, Ia.  
Clydon Co., 53-24 Northern Blvd., Long Island, N. Y.  
Corbin, P. & F., New Britain, Conn.  
Detroit Hdw. Mfg. Co., Detroit, Mich.  
Garden City Plating & Mfg. Co., Chicago, Ill.  
Getty (H. S.) & Co., Inc., 8348 No. 10th, Phila., Pa.  
Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill. "Grand"  
Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
Keil (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
Lawrence Bros., Sterling, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood," "Polyflex"  
Midwest Hardware Co., Chicago, Ill.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Hardware Co., 8630 103rd Av., Ozone Park, N. Y. "National"  
National Lock Co., Rockford, Ill.  
Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
Payson Mfg. Co., 2930 Jackson Blvd., Chicago, Ill.  
Reading Hardware Corp., Reading, Pa.  
Reliable Mfg. Co., New Haven, Conn.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Schroder (J. B.) Co., Cincinnati, O.  
Shelby Spring Hinge Co., Shelby, O.  
Skillman Hdw. Mfg. Co., Trenton, N. J.  
Slaymaker Lock Co., Lancaster, Pa. "French Rim"  
Yale & Towne Mfg. Co., Stamford, Conn.

**KNOB, Door and Drawer, Glass**

Bache (Semon) & Co., 636 Greenwich, New York, N. Y.  
Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Bassick Co., Bridgeport, Conn.  
Brainerd Mfg. Co., East Rochester, N. Y.  
Champion Hardware Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Chesler (J.) & Sons Co., 41 Varick Av., Bklyn., N. Y.  
Clinton Lock Co., Clinton, Ia.  
Collins (Geo. F.) & Co., Sapulpa, Okla. "Hartford Glasknob," "Hercules"  
Corbin, P. & F., New Britain, Conn.  
Earle Hdw. Mfg. Co., Reading, Pa.  
Lawrence Bros., Sterling, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Hardware Co., 8630 103rd Av., Ozone Park, N. Y. "National"  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Penn Hdw. Co., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Skillman Hdw. Mfg. Co., Trenton, N. J.  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Tegco"  
Vineland Flint Glass Wks., Vineland, N. J.  
Wheaton (T. C.) Co., Millville, N. J.  
Yale & Towne Mfg. Co., Stamford, Conn.

**KNOB, Door, Plastic**

Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y. "Gom"  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Patrician"  
Modern Plastic Co., 4641 Pacific Blvd., Los Angeles, Cal.  
National Brass Co., Grand Rapids, Mich. "Duralin"  
National Hardware Co., 8630 103rd Av., Ozone Park, N. Y. "National"  
Pacific Plastic & Mfg. Co., Inc., 5446 Carlton Way, Hollywood, Cal. "Holly Made"

**KNOB, Door, Stove**

Keeler Brass Co., Grand Rapids, Mich.  
Stover Mfg. & Engine Co., Freeport, Ill. "Ideal"  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Tegco"  
**KNOB, Drawer, Glass—See Knobs, Door and Drawer, Glass**

**KNOB, Furniture**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
Allen-Rogers Corp., Laconia, N. H.  
American Brass Goods Co., 150 Cottage Grove, S. W., Grand Rapids, Mich.  
American Cabinet Hdw. Corp., Rockford, Ill.  
"Amerock"  
Baker-McMillen Co., 134 E. Miller Av., Akron, O.  
Bassick Co., Bridgeport, Conn.  
Brainerd Mfg. Co., East Rochester, N. Y.  
Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
Collins (Geo. F.) & Co., Sapulpa, Okla. "Hartford Glasknob," "Hercules"  
Colonial Bronze Co., Fairmont Av., Torrington, Conn.  
Faultless Caster Corp., Evansville, Ind.  
Grand Rapids Brass Co., Grand Rapids, Mich.  
Ives (H. B.) Co., New Haven, Conn.  
Keeler Brass Co., Grand Rapids, Mich.  
Mode Mfg. Co., Pasadena, Cal.  
Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
Rowe (Henry) Mfg. Co., Newaygo, Mich.  
Sack, Inc., 95 B'way, Cambridge, Mass.  
Syracuse Ornamental Co., Syracuse, N. Y. "Syrco"  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Tegco"  
Vineland Flint Glass Wks., Vineland, N. J.  
Waddell Mfg. Co., Grand Rapids, Mich.  
Weber-Knapp Co., Jamestown, N. Y.

**KNOB, Furniture, Plastic**

Imperial Molded Products Corp., 2925 W. Harrison, Chicago, Ill.  
Modern Plastic Co., 4641 Pacific Blvd., Los Angeles, Cal.  
National Lock Co., Rockford, Ill.  
Pacific Plastic & Mfg. Co., Inc., 5446 Carlton Way, Hollywood, Cal. "Hollymade"  
Prime Plastic Mfg. Corp., 401 Bedford Av., Bklyn., N. Y.  
Value Specialty Mfg. Co., 10 Van Buren, Bklyn., N. Y.

**KNOB, Wiring, Porcelain**

Circle F Mfg. Co., Trenton, N. J.  
Knox Porcelain Corp., Knoxville, Tenn.  
Porcelain Products, Inc., Findlay, O. "Alligator"  
**KNOCK-DOWN WINDOW SCREEN FRAMES—See Frames, Window Screen, Knock-Down**

**KNOCKERS, Door**

American Windshield & Specialty Co., 442 Boston Post Rd., Milford, Conn. "Puritan"  
Art-Craft Mfg. Co., 7539 S. Wood, Chicago, Ill.  
"Peeknocker"  
Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
Centre Brass Works, Inc., 72 Spring, New York, N. Y.  
Champion Hdw. Co., Geneva, Ohio.  
Chapman (W. H.) Co., Middletown, Conn.  
Chesler (J.) & Sons Co., 41 Varick Av., Bklyn., N. Y.  
City Plating & Mfg. Co., St. Louis, Mo.  
Clinton Lock Co., Clinton, Ia.  
Colonial Brass Co., Vine, Middleboro, Mass.  
Corbin, P. & F., New Britain, Conn.  
Craftsmen, 108 Broad, Boston, Mass.  
Detroit Hdw. Mfg. Co., Detroit, Mich.  
Earle Hdw. Mfg. Co., Reading, Pa.  
Eaton-Pond Co., Inc., Collinsville, Conn.  
Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
Hershey Metal Products, Inc., Derby, Conn.  
Heas (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
Hubley Mfg. Co., Lancaster, Pa.  
Ives (H. B.) Co., New Haven, Conn.  
Keil (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Midwest Hdw. Co., Chicago, Ill.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
Payson Mfg. Co., 2930 Jackson Blvd., Chicago, Ill.  
Penn Hdw. Co., Reading, Pa.  
Reading Hdw. Corp., Reading, Pa.  
Reliable Mfg. Co., New Haven, Conn.  
Rostand Mfg. Co., Milford, Conn.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Sack, Inc., 95 B'way, Cambridge, Mass.  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Skillman Hardware Mfg. Co., Trenton, N. J.  
Slaymaker Lock Co., Lancaster, Pa.  
Spencer's (I. S.) Sons, Inc., Guilford, Conn.  
Weber-Knapp Co., Jamestown, N. Y.  
Yale & Towne Mfg. Co., Stamford, Conn.





## MILCOR Sheet Metal Products

bring profits and  
repeat business to you

Constant improvement in design, materials, workmanship, and methods of production has marked Milcor's progress, until today Milcor products are accepted nationally as standards of quality. Milcor products give you something to sell besides price, to help you win out in competitive selling. Let Milcor products help you enjoy more sales and profits. Place an order today.

GH-42

### MILCOR STEEL COMPANY

MILWAUKEE, WISCONSIN CANTON, OHIO  
Chicago, Ill., Kansas City, Mo., LaCrosse, Wis.,  
Atlanta, Ga., New York, N. Y., Rochester, N. Y.,  
Baltimore, Md.

### Units of Complete MILCOR Line of Metal Roofing



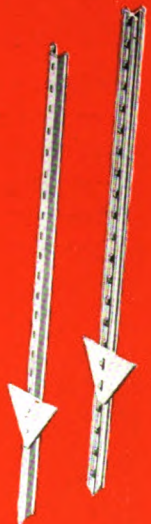
1. "Perfect-Lap Two-  
drain" Channel  
Roofing
2. 5-V Crimp Roofing
3. 3-V Crimp Roofing
4. 2-V Crimp Roofing
5. Non-Syphoning  
Roofing
6. 2 1/2" Corrugated  
Roofing
7. Pressed Standing  
Seam Roofing

Metal roofing is easier to sell with the Milcor Roof Selector, and other selling tools furnished free to Milcor dealers. See information in the Milcor Price List. Write for your copy.

### MILCOR Steel Fence Posts

step up your sales  
to farmers

Along with Milcor Roofing and Milcor Rain-Carrying Equipment, Milcor Steel Fence Posts give you a real combination for quick turnover on steel products for the farm. Write today for free, colorful bulletin explaining features that help you close sales quickly—win loyal customers.



Left: Channel Post  
Right: "Tee" Post



### Stock Tanks

There's real money for you in popular  
Milcor Farm Building Products

— feature them to get extra business from the farmer. There is a place on every farm for these products. The complete line includes stock tanks, ventilators, mail boxes, roofing, etc. Milcor furnishes you with colorful, sales-producing dealer helps. See your Milcor Price List for these and for detailed descriptions of all our products. If you haven't a price list, write today for one.

New

Milcor  
Strate-Edge Gutter  
— true as the edge  
of a ruler.

Kuehn's Half-Round  
Gutter

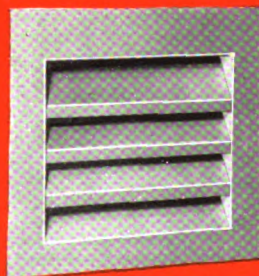
Milcor Square  
Gutter

New MILCOR

Strate-Edge Gutter  
adds another money-maker  
to Milcor's complete line of  
Rain-Carrying Equipment

From one dependable source, everything your customers need in gutter, conductor pipe and accessories, for better jobs and better-looking roofs. Write for colorful literature and free sample of Milcor Strate-Edge Gutter, a new, sales-building half-round eaves trough.

### New! MILCOR easy-to-sell, all-steel Louvre Ventilators



\*Four standard sizes

Solve the problems of winter and summer ventilation and condensation, created by the trend toward air-tight, insulated, air-conditioned homes. Milcor all-steel Louvre Ventilators are stronger than those made of wood . . . are more easily installed . . . admit more air due to thinner louvre blades . . . yet cost less. Stock up now for profits.

Write for free circular.

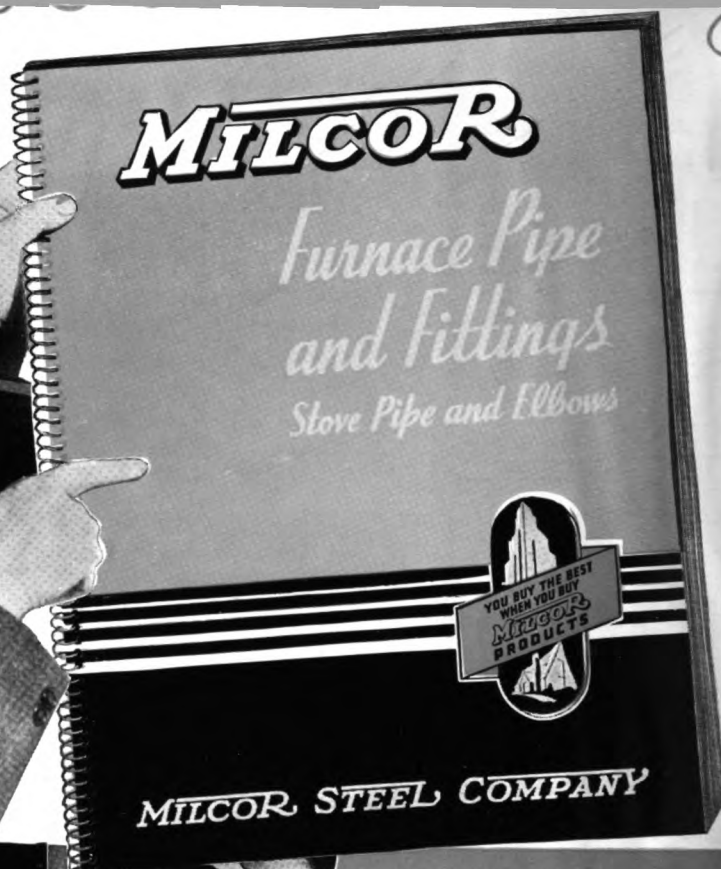
Milcor  
Conductor  
Pipe

Flat  
Crimp Elbow

Kuehn's  
Korrek Cut-off

Milcor Seamed  
Eaves Trough Mitres





*Sent Free to You!*

Convenient Guide Book on the  
**MILCOR** Heating Line  
*that helps you enjoy more sales and profits*

This handy Milcor book helps make your selling easy. Gives you all the information you need — list prices, sizes, illustrations, and descriptions — to find the right heating products — the ones that give your customers real results, in good-looking, safe, satisfactory jobs. Send for Milcor Catalog No. 35-B.

Use it in ordering from your jobber.



**MILCOR**

### Portable Bake Oven

Handsomely styled to attract your customers . . . priced to sell in volume. Plenty of strong features to help you close sales. Order from your jobber.

Write for free sales helps.



**MILCOR** Coal Hod

Heavy steel body, corrugated for extra strength. Open top. Large bail ears securely riveted to body. Double strength concave bottom. Square mouth for easy pouring. Black japanned.

### LOCK JOINT Stove Pipe

(Pat. No's. 2,201,409 . . . 2,038,389)

now in **MILCOR Blue**

. . . a new finish that your customers "go for"

Now you can feature Lockjoint in a true Super Blue finish that helps make selling quicker, easier. As of course, you enjoy the extra sales appeal of exclusive Milcor construction that assures your customers of quick, sturdy assembly . . . and a snug fit that eliminates the danger and unpleasant odor of leakage:

1. **Locking Device.** Locks by hand, easily and automatically. Notched edge fits into opposite groove.
2. **Non-Slip End Lock.** Prongs on locking tongue, concealed slot, preventing up-and-down movement.
3. **Short Fade-Away Crimp.** Gives wide, smooth surface before bead, assuring tight assembly.

Stock Up Today!

### "TITELOCK" Stove Pipe

Easily and quickly assembled. Just hook edges together and close seam with mallet. Can be cut at any point without injuring locking device.

### LOCK JOINT Wall Stack

(Pat. No's. 2,201,409 . . . 2,038,389)

The leading single tin stack. Easy to assemble, simple to store. Locks by hand, quickly and with little effort, both long way and end way. Can't be pulled apart. Requires no tools or rivets.

### MILCOR Airtite Heaters

Milcor's complete line of wood-burning heaters offers you an additional chance to make money on the popularity of Milcor products. Scientific design assures efficient service that satisfies your customers. A range of models.

**MILCOR STEEL COMPANY**

MILWAUKEE, WISCONSIN

CANTON, OHIO

Chicago, Ill. • Kansas City, Mo. • La Crosse, Wis. •

Atlanta, Ga. • New York, N.Y. • Rochester, N.Y. • Baltimore, Md.

OFFICES: 235 OFFICES: Minneapolis, Minn., Little Rock, Ark., Dallas, Tex., Denver, Colo., Washington, D. C.

DELIC2: \$33

**ROCKOUT CUTTERS**—See Cutters and Punches, Rockout  
**ROCKOUT PUNCHES**—See Cutters and Punches, Rockout  
**RURLING HOLDERS**—See Tools, Knurling  
**RURLING IRONS**—See Tools, Knurling  
**RURLING PRESSES**—See Tools, Knurling  
**RURLING TOOLS**—See Tools, Knurling  
**RURLS**—See Tools, Knurling

### LABELS, Gummed

Allen-Bailey Tag Co., Caledonia, N. Y.  
 American Label Co., 216 W. 18th, New York, N. Y.  
 Atlas Co., Kalamazoo, Mich.  
 Avery Adhesives, 336 E. 4th, Los Angeles, Cal.  
 "Kum-Kleen"  
 Bartlett Label Co., Kalamazoo, Mich.  
 Benson Mfg. Co., Framingham, Mass.  
 Eastern Pin Ticket & Tag Co., Perkasie, Pa.  
 Eureka Spec. Printing Co., Scranton, Pa.  
 Ever Ready Label Corp., 141 E. 25th, New York, N. Y.  
 Fenton Label Co., 506 Race, Phila., Pa. "Fent-Onamel"  
 Fuller Label & Box Co., 444 Dargan, Pittsburgh, Pa.  
 Garrison-Wagner Co., St. Louis, Mo.  
 Kalamazoo Label Co., Kalamazoo, Mich.  
 Keystone Printed Specialties Co., Scranton, Pa.  
 May (J. L.) Co., 111 W. 19th, New York, N. Y.  
 "Macro"  
 Nashua Gummed & Coated Paper Co., Nashua, N. H.  
 Nashua Package Sealing Co., Nashua, N. H.  
 Phenix Box & Label Co., Kansas City, Mo.  
 Salisbury Mfg. Co., Providence, R. I.  
 Stanley Mfg. Co., Dayton, O.  
 Thomas Stationery Mfg. Co., Springfield, O.  
 Weiner Label Co., Oradell, N. J.

**LACES, Basket Ball**—See Laces, Foot Ball, Etc.

### LACES, Football, Etc.

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Kn-Wel Sporting Goods Co., Utica, N. Y.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Reeb (A. J.) Wright & Ditson, Inc., Chicopee, Mass.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.

### LACES, Shoe, Rawhide

Chicago Rawhide Mfg. Co., 1235 Elston Av., Chicago, Ill.  
 Graton & Knight Co., Worcester, Mass.  
 Wilder & Company, 1038 N. Crosby, Chicago, Ill.

### LACING, Belt

Allen (W. D.) Mfg. Co., Chicago, Ill. "Alenco"  
 American Lace Leather Co., Richmond, Va. "Eagle"  
 Armstrong-Bray & Co., 804 N. Loomis, Chicago, Ill. "Steelgrip," "Wiregrip"  
 Barnes (Henry K.) Co., 37 Batterymarch, Boston, Mass. "Blu-Skin," "Gam-Oil," "Tuf-Tan"  
 Bay State Belting Co., Boston, Mass.  
 Belt-Lacer Co., Toledo, O. "Safety"  
 Bristol Co., Waterbury, Conn.  
 Caldwell Lace Leather Co., Auburn, Ky. "Arrow Head," "Old Kentucky"  
 California Tanning Co., 1905 Shenandoah Av., St. Louis, Mo. "Indian Tan," "Neverbreak Chrome"  
 Chicago Rawhide Mfg. Co., 1291 Elston Av., Chicago, Ill. "Vulcanite"  
 Clipper Belt Lacer Co., Grand Rapids, Mich.  
 Coupe (Wm.) Corp., Worcester, Mass. "Excelsior"  
 Detroit Belt Lacer Co., Detroit, Mich.  
 Flexible Steel Lacing Co., 4616 Lexington, Chicago, Ill. "Alligator," "Flexco-Deepwell," "Flexco H. D., "High Duty"  
 Graton & Knight Co., Worcester, Mass. "Bar Brand," "Grako," "Indian Tan," "Royal Worcester"  
 Kerr & Co., 96 Warren, New York, N. Y. "Kerr's" (Wire)  
 Ladew (Edward R.) Co., 99 Hudson, New York, N. Y.  
 Malin & Co., Cleveland, O. (Wire)  
 Manufacturers Belt Hook Co., Chicago, Ill. "Climax," "L-X," "Rainbow," "20 Century," "Safety First"  
 Norwich Belt Mfg. Co., Norwich, Conn. "Defiance," "Kromhyde," "Samson"  
 Philadelphia Belting Co., Phila., Pa. "Atlas"  
 Schieren (Chas. A.) Co., 30 Ferry, New York, N. Y. "Duxbak," "Giant," "Gowanus"  
 Western Rawhide & Belting Co., Milwaukee, Wis.  
 Wilder & Company, 1038 N. Crosby, Chicago, Ill.  
 Williams (I. B.) & Sons, Dover, N. H. "Cocheco," "Orble"

### LACING MACHINES, Belt

Detroit Belt Lacer Co., Detroit, Mich.  
 Safety Belt Lacer Co., Toledo, O. "Safety Tu-Way"

**LACING NEEDLES**—See Needles, Lacing

### LACQUERS

Ambassador Specialties, Inc., 6440 DeBuel Av., Detroit, Mich. "Heart of Quality"  
 Arco Co., Cleveland, O.  
 Berry Bros., Detroit, Mich. "Berrylaid"

Boyer Chemical Laboratory Co., Chicago, Ill.  
 Campbell Paint & Varnish Co., St. Louis, Mo.  
 Chicago Paint Wks., Chicago, Ill. "Jiffy Lac"  
 Cleveland Varnish Co., Cleveland, O.  
 Columbus Varnish Co., Columbus, O.  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo.  
 "Bestex," "Evo-Lac"

Davis (H. B.) Co., Baltimore, Md.  
 DeGolyer Varnish Wks., Troy, N. Y.  
 Denny, Hilborn & Rosenbach, Phila., Pa.  
 Detroit White Lead Wks., Detroit, Mich. "Rogers" (Brushing)

Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Duco"

Egyptian Lacquer Mfg. Co., Inc., 1270 6th Av., New York, N. Y.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O.  
 "Em-Var-Co-Lac"

Felton, Sibley & Co., Phila., Pa.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O.  
 "Foy's"

Fuller (W. P.) & Co., Inc., 301 Mission, San Francisco, Cal. "Fuller-Lac"  
 General Cement Mfg. Co., 1041 Kilburn Av., Rockford, Ill. "Krystal-Koat"

Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Lacq"

Grand Rapids Varnish Corp., Grand Rapids, Mich.  
 Hilo Varnish Corp., 42 Stewart Av., B'klyn, N. Y.  
 Hooker Glass & Paint Mfg. Co., Chicago, Ill. "King"

Jamestown Wood Finishing Co., Jamestown, N. Y.  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Moto-Lac," "Scotch"

Keystone Varnish Co., 71 Otsego, B'klyn, N. Y.  
 Lansing Paint & Color Co., Lansing, Mich.  
 Lowe Bros. Co., Dayton, O. "Nepto-Lac," "Par-O-Keet"

Lucas (John) & Co., Phila., Pa. "Luco-Lac"  
 McCloskey Varnish Co. (Holmesburg) Phila., Pa.  
 Marietta Paint & Color Co., Marietta, O.

Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 "Proxoid-Marsen," "Rogers" (Brushing & Spraying)

Masury (John W.) & Son, 50 Jay, B'klyn, N. Y.  
 Murphy Varnish Co., 224 McWharther, Newark, N. J. (Brushing) "Murotic"

Nice (Eugene E.) Co., Phila., Pa.  
 O'Brien Varnish Co., 101 W. Johnson, South Bend, Ind. "O'Brien's"

Paraffine Cos. Inc., San Francisco, Cal. "Parco"  
 Patterson-Sargent Co., Cleveland, O. "B. P. S., "China-Lac"

Peninsular Paint & Varnish Co., Detroit, Mich.  
 "PenProx"

Pierce & Stevens, Inc., 710 Ohio, Buffalo, N. Y. "P & S"

Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa.  
 Sanders (Monroe) Corp., 10-18 46th Av., Long Island City, N. Y. "Sanco"

Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.  
 Sherwin-Williams Co., Cleveland, O. "Opex"  
 Stanley Chemical Co., East Berlin, Conn.

Twin City Varnish Co., Minneapolis, Minn.  
 U. S. Lacquer & Chemical Co., St. Louis, Mo. "U. S."

Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Valspar"

Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"

Woodfinishing Products Co., 32 Industrial, New York, N. Y.  
 Zapon-Brevolite Lacquer Co., Marquette, No. Chicago, Ill. (Brushing)

**LACROSSE BALLS**—See Balls, Lacrosse  
**LACROSSE STICKS**—See Sticks, Lacrosse  
**LADDER BRACKETS**—See Brackets, Ladder, Safety  
**LADDER CHAIN**—See Chain, Ladder  
**LADDER HOOKS**—See Hooks, Ladder

**LADDER JACKS**  
 Babcock (W. W.) Co., Bath, N. Y.  
 Bauer Mfg. Co., Wooster, O.  
 Berg (John) Mfg. Co., Chicago, Ill.

Cleveland Steel Spec. Corp., 3767 E. 91st, Cleveland, O.  
 Flint (A. W.) Co., New Haven, Conn.  
 Heider Mfg. Co., Carroll, Ia.

Holland Ladder & Mfg. Co., Holland, Mich.  
 Hyde Mfg. Co., Southbridge, Mass.  
 Moulton Ladder Mfg. Co., Somerville, Mass. (Steel and Wood)

Murray-Black Co., Springfield, O.  
 Sabin Machine Co., Cleveland, O. "Cleveland," "3-in-1"

Sloan, George, 1125 E. State, Rockford, Ill.  
 Steel Scaffolding Co., Evansville, Ind.  
 Tilley (John S.) Ladders Co., Inc., Watervliet, N. Y.

**LADDER SHOES**  
 Harker Mfg. Co., Cincinnati, O. "Queen"  
 Newark Ladder & Bracket Mfg. Co., Inc., 317 Springfield Av., Newark, N. J.

Paeco Rubber Co., Inc., Ravenna, O.  
 Safe-T-Grip Ladder Shoe Co., 124 Newark Av., Bloomfield, N. J. "Safe-T-Grip"

Safety Equipment Service Co., Cleveland, O. "Ad-justo"  
 Smith (Landon P.) Inc., 130 Coit, Irvington, N. J. "Lad-R-Shu"

**LADDERS, Aluminum**  
 Aluminum Ladder Co., Tarentum, Pa.  
 Putnam & Co., Inc., 34 Howard, New York, N. Y.

### LADDERS, Disappearing

Farley & Loetscher Mfg. Co., Dubuque, Ia. "Presto," "Qualitybilt," "Victor"

### LADDERS, Extension

Acme Scaffold Co., Inc., 168 Nostrand Av., Bklyn., N. Y.  
 Aluminum Ladder Co., Tarentum, Pa.  
 American Ladder Co., 3700 W. 38th, Chicago, Ill.

"Miller"  
 Archbold Ladder Co., Archbold, O.  
 Babcock (W. W.) Co., Bath, N. Y. "Champion," "Eastern," "General Purpose," "Western"

Bauer Mfg. Co., Wooster, O.  
 Berg (John) Mfg. Co., Chicago, Ill.  
 Bishop Ladder Co., Hartford, Conn.

Breyer Bros., Whiting & Co., Waupun, Wis.  
 Clark (J. R.) Co., Minneapolis, Minn.  
 Davenport Ladder Co., Davenport, Ia.

Flint (A. W.) Co., New Haven, Conn. "Aero," "Handy," "Money-Maker," "Standard"

Goshen Churn & Ladder Co., Goshen, Ind.  
 Goshen Mfg. Co., Goshen, Ind.  
 Heider Mfg. Co., Carroll, Ia.

Holland Ladder & Mfg. Co., Holland, Mich.  
 Howard Mfg. Co., Kent, Wash.  
 Inland Mfg. Co., 19th & Adeline, Oakland, Cal.

Los Angeles Ladder Co., 6230 S. Alameda, Los Angeles, Cal.  
 Michigan Ladder Co., Ypsilanti, Mich.  
 Moulton Ladder Mfg. Co., Somerville, Mass.

Nappanee Lumber & Mfg. Co., Nappanee, Ind.  
 Newark Ladder & Bracket Mfg. Co., Inc., 317 Springfield Av., Newark, N. J.  
 Pease (F. B.) Co., East Henrietta Rd., Rochester, N. Y.

Penn Swing & Ladder Co., Lancaster, Pa.  
 Putnam & Co., Inc., 30 Howard, New York, N. Y.  
 Raymond Products Co., 1212 Rust Av., Saginaw, Mich.

Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O. "Contractor," "Ideal," "R. C., "Reliable," "Sampson"

Thrasher Mfg. Co., Inc., Perrysburg, N. Y.  
 Tilley (John S.) Ladders Co., Inc., Watervliet, N. Y. "Liberty"

Woodenware Products Co., St. Louis, Mo. "Stronghold"  
 Young (J. O.) Co., Springfield, Mass.

### LADDERS, Fire, Chain

American Chain Ladder Co., Great Bend, Pa. "American"

### LADDERS, Fruit Pickers

Acme Scaffold Co., Inc., 168 Nostrand Av., Bklyn., N. Y.  
 Archbold Ladder Co., Archbold, O.

Babcock (W. W.) Co., Bath, N. Y. "Columbia"  
 Bauer Mfg. Co., Wooster, O.  
 Clark (J. R.) Co., Minneapolis, Minn.

Flint (A. W.) Co., New Haven, Conn. "Money-Maker"  
 Goshen Mfg. Co., Goshen, Ind.

Heider Mfg. Co., Carroll, Ia.  
 Holland Ladder Co., Holland, Mich.  
 Howard Mfg. Co., Kent, Wash.

Inland Mfg. Co., 19th & Adeline, Oakland, Cal.  
 Los Angeles Ladder Co., 6230 S. Alameda, Los Angeles, Cal.

Michigan Ladder Co., Ypsilanti, Mich.  
 Moulton Ladder Mfg. Co., Somerville, Mass.  
 Putnam & Co., Inc., 30 Howard, New York, N. Y.

Raymond Products Co., 1212 Rust Av., Saginaw, Mich. "Saginaw"  
 Thrasher Mfg. Co., Inc., Perrysburg, N. Y.

Tilley (John S.) Ladder Co., Inc., Watervliet, N. Y.  
 Woodenware Products Co., St. Louis, Mo.

**LADDERS, Rolling**—See Ladders, Store

### LADDERS, Rope

Goss (John C.) Co., Detroit, Mich.  
 Jacksonville Tent & Awning Co., Inc., Jacksonville, Fla.

Plymouth Cordage Co., North Plymouth, Mass. "Plymouth"  
 Rope Fire Escape Co., 924 N. 13th, Phila., Pa.

Upton-Walton Co., 1280 W. 11th, Cleveland, O.  
 Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

**LADDERS, Sliding**—See Ladders, Store

### LADDERS, Steel

Breyer Bros., Whiting & Co., Waupun, Wis.  
 New Britain Mach. Co., New Britain, Conn.  
 Smith (F. P.) Wire & Iron Wks., 2346 Clynbourne Av., Chicago, Ill.

Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, Ohio.

### LADDERS, Step

Acme Scaffold Co., Inc., 168 Nostrand Av., Bklyn., N. Y.  
 Aluminum Ladder Co., Tarentum, Pa.

American Ladder Co., 3700 W. 38th, Chicago, Ill.  
 "Miller"  
 Archbold Ladder Co., Archbold, O.

Automatic Ladder Co., Bloomfield, N. J. "New Idea"  
 Babcock (W. W.) Co., Bath, N. Y. "Gem," "Mechanic," "New York," "Peerless," "Victor"

Bauer Mfg. Co., Wooster, O.  
 Berg (John) Mfg. Co., Chicago, Ill.  
 Bishop Ladder Co., Hartford, Conn.

Chesebro Whitman Co., Inc., 38-21 12th, Long Island City, N. Y.

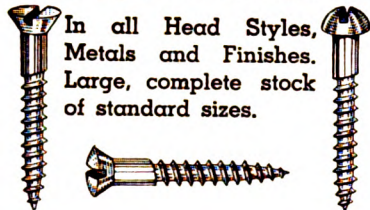


# HOLTITE

Reg. U.S. Patent Office

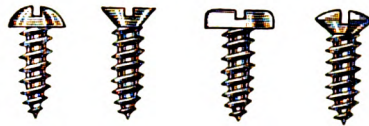
Sold through Hardware Jobbers

## WOOD SCREWS



In all Head Styles, Metals and Finishes. Large, complete stock of standard sizes.

## THREAD-FORMING SHEET METAL SCREWS



Case Hardened—All Finishes

## HOLTITE-Phillips



Recessed Head Self-Centering SCREWS and BOLTS

## MACHINE BOLTS



Rolled and Cut Threads with American Square Heads and Nuts. Assembled—in Packages. Unassembled—in Bulk. Large stock standard sizes.



## STOVE BOLTS

Large stock, prompt delivery of regular head styles—Flat, Round, Oval, Stove. All sizes.

## HANGER BOLTS



Plain or Fluted Centers

Made to order in diameters of 1/4", 5/16", 3/8", in lengths up to 6 inches. Regularly supplied with Square Nuts. Hexagon and Wing Nuts can be furnished.

## CARRIAGE BOLTS



Rolled or Cut Threads with American Standard Square Nuts. Assembled—in Packages. Unassembled—in Bulk. All types, sizes and metals.



## NUTS

Large, complete stock carried for prompt delivery. Furnished in all types and finishes. Accurately cut.

## SINK BOLTS



Regularly made in steel, with flat heads. Two square nuts with each bolt. Can be furnished in brass. Strong. Accurate. Complete Stock.

## DRIVE SCREWS



Furnished in Steel, Flat Head with milled or sawed slots. Brass on special order. Round and Oval Head can be furnished. Large stock of popular sizes.

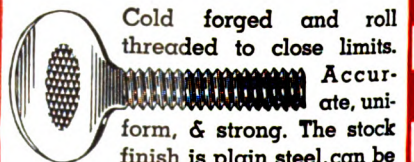


## MACHINE SCREWS

STEEL AND BRASS ALL FINISHES

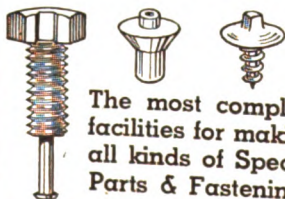
Prompt delivery from complete stock of standard sizes. Specials to order.

## THUMB SCREWS



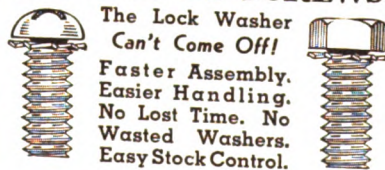
Cold forged and roll threaded to close limits. Accurate, uniform, & strong. The stock finish is plain steel, can be furnished in all finishes.

## SPECIALS



The most complete facilities for making all kinds of Special Parts & Fastenings.

## "LOCK WASHER ASSEMBLY" SCREWS



The Lock Washer Can't Come Off! Faster Assembly. Easier Handling. No Lost Time. No Wasted Washers. Easy Stock Control.

## FINISHING WASHERS



Steel and Brass Countersunk and Brass Flush Finishing Washers. Ebony, Bright Nickel and Gilt Finishes carried in stock.

# CONTINENTAL SCREW CO

New Bedford, Mass. . . . Warehouses at Detroit & Chattanooga

Mention Hardware Age When Writing

Digitized by Google



**LADDERS, Step (Continued)**

Clark (J. R.) Co., Minneapolis, Minn. "Durable," "Rid Jid"  
 Davenport Ladder Co., Davenport, Ia. "Challenge," "Dalco," "Perfection," "Star," "Superior"  
 Dayton Safety Ladder Co., Cincinnati, O. (Platform)  
 Flint (A. W.) Co., New Haven, Conn. "Money-Maker"  
 Fritzell Ladder Co., Boston, Mass. "Climax," "Fairy," "Giant"  
 Goshen Churn & Ladder Co., Goshen, Ind. "Excell," "Jim Dandy," "King," "Security," "Stronghold"  
 Goshen Mfg. Co., Goshen, Ind. "Blue Ribbon," "Boyer," "Climax," "Faultless," "Hercules," "Hi-Lo"  
 Gregg Mfg. Co., Fredericktown, O. "Premier"  
 Harter Mfg. Co., Cincinnati, O. "Queen"  
 Heider Mfg. Co., Carroll, Ia.  
 Holland Ladder & Mfg. Co., Holland, Mich.  
 Howard Mfg. Co., Kent, Wash. "Crown"  
 Inland Mfg. Co., 19th & Adeline, Oakland, Cal.  
 Michigan Ladder Co., Ypsilanti, Mich.  
 Milbradt Mfg. Co., 2410 N. 10th, St. Louis, Mo. "Bicycle"  
 Moulton Ladder Mfg. Co., Somerville, Mass.  
 Nappanee Lbr. & Mfg. Co., Nappanee, Ind.  
 Newark Ladder & Bracket Mfg. Co., Inc., 317 Springfield Av., Newark, N. J.  
 Paris Mfg. Co., South Paris, Me.  
 Peoria Ironing Board & Specialty Co., Ft. of East State, Peoria, Ill. "Pekin," "Peorian"  
 Putnam & Co., Inc., 30 Howard, New York, N. Y.  
 Raymond Products Co., 1212 Rust Av., Saginaw, Mich. "Saginaw True Blue"  
 Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O.  
 Seare, Inc., 406 Norton Way, Bucyrus, O. "Sure Step"  
 Smith (S. A.) Mfg. Co., Brattleboro, Vt. "Aetna," "National," "Star"  
 Thrasher Mfg. Co., Inc., Perrysburg, N. Y. "Buffalo," "Champion," "Niagara"  
 Tilley (John S.) Ladders Co., Inc., Watervliet, N. Y. "Decorators," "Electrician," "Hudson," "Mohawk," "Trojan"  
 Whitehurst (R. W.) Mfg. Corp., Norfolk, Va.  
 Woodware Products Co., St. Louis, Mo.  
 Young (J. O.) Co., Springfield, Mass.

**LADDERS, Step, Folding**

Acme Scaffold Co., Inc., 168 Nostrand Av., Bklyn., N. Y.  
 Aluminum Ladder Co., Tarentum, Pa.  
 American Ladder Co., 3700 W. 38th, Chicago, Ill. "Miller"  
 Archbold Ladder Co., Archbold, O.  
 Automatic Ladder Co., Bloomfield, N. J. "New Idea"  
 Babcock (W. W.) Co., Bath, N. Y. "Electric," "Howe," "Victor"  
 Bauer (John) Co., Wooster, O.  
 Bery (John) Mfg. Co., Chicago, Ill.  
 Clark (J. R.) Co., Minneapolis, Minn. "Clark's Competition," "Durable," "Monarch," "Rid Jid," "Superbilt"  
 Flint (A. W.) Co., New Haven, Conn. "Globe," "Imperial," "Money-Maker," "New City"  
 Heider Mfg. Co., Carroll, Ia.  
 Holland Ladder & Mfg. Co., Holland, Mich.  
 Inland Mfg. Co., 19th & Adeline, Oakland, Cal.  
 Kauffman Mfg. Co., Ashland, O.  
 Latimer (W. H.) & Sons, Orwell, N. Y.  
 Michigan Ladder Co., Ypsilanti, Mich.  
 Nappanee Lumber & Mfg. Co., Nappanee, Ind. "Knock-All"  
 Nichols & Stone Co., Gardner, Mass.  
 Paris Mfg. Co., South Paris, Me.  
 Penn Swing & Ladder Co., Lancaster, Pa.  
 Putnam & Co., Inc., 30 Howard, New York, N. Y.  
 Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O.  
 "Acme," "Cincinnati," "Durex," "Gem," "Mill-Wright," "Painters Pride," "Star"  
 Thrasher Mfg. Co., Inc., Perrysburg, N. Y. "Buffalo," "Champion," "Niagara"  
 Tilley (John S.) Ladders Co., Inc., Watervliet, N. Y. "Decorator," "Electrician," "Hudson," "Omega," "Patrician," "Trojan"  
 Tull Wks., Indianapolis, Ind.  
 Waite Chair Co., Baldwinville, Mass.  
 White Wood Products Co., Bogalusa, La. "Wedge-Grip"  
 Woodware Products Co., St. Louis, Mo. "Home-stead," "Master-Bilt," "Royal"  
 Young (J. O.) Co., Springfield, Mass.

**LADDERS, Stool, Step**

American Ladder Co., 3700 W. 38th, Chicago, Ill. "Miller"  
 Archbold Ladder Co., Archbold, O.  
 Bery (John) Mfg. Co., Chicago, Ill.  
 Clark (J. R.) Co., Minneapolis, Minn. "Handy"  
 Durham Mfg. Co., Muncie, Ind. "Tuk-A-Way"  
 Flint (A. W.) Co., New Haven, Conn. "Money-Maker"  
 Garton Toy Co., Sheboygan, Wis.  
 Gem Mfg. Corp., Bascom, O. "Special"  
 General Wood Products Co., 2400 S. 11th, Rockford, Ill. "Golden Rule"  
 Howard Mfg. Co., Kent, Wash. "Stanwell"  
 Peoria Ironing Board & Specialty Co., Ft. of East State, Peoria, Ill.  
 Putnam & Co., Inc., 30 Howard, New York, N. Y.  
 Raymond Products Co., 1212 Rust Av., Saginaw, Mich. "Saginaw True Blue"  
 Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O. "Princess"  
 Seare, Inc., 406 Norton Way, Bucyrus, O. "Sure Step"  
 Woodware Products Co., St. Louis, Mo.

**LADDERS, Store, Sliding and Rolling**

Acme Scaffold Co., Inc., 168 Nostrand Av., Bklyn., N. Y.  
 Calander (John) Mfg. Co., St. Paul, Minn.  
 Coburn Trolley Track Co., Holyoke, Mass.  
 Cotterman, I. D., Chicago, Ill.  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Inland Mfg. Co., 19th & Adeline, Oakland, Cal.  
 Los Angeles Ladder Co., 6230 S. Alameda, Los Angeles, Cal.  
 Milbradt Mfg. Co., 2410 N. 10th, St. Louis, Mo. "Bicycle"  
 Moulton Ladder Mfg. Co., Somerville, Mass.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Cushion Tire"  
 Newark Ladder & Bracket Mfg. Co., Inc., 317 Springfield Av., Newark, N. J.  
 Putnam & Co., Inc., 30 Howard, New York, N. Y.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Warren (J. D.) Mfg. Co., Montpelier, O.  
 Young Bros. Co., Worcester, Mass.  
 LADDERS, Trolley—See Ladders, Store

**LADD'S DISCOUNT BOOK**

Fasig, Henry, 37 Pardee Pl., East Haven, Conn.

LADIES' SHOVELS—See Shovels, Ladies'

**LADLES, Household**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Aluminum Specialty Co., Manitowoc, Wis.  
 Bellaire Enamel Co., Bellaire, O. "Becco"  
 Bremer Aluminum Corp., New Washington, O.  
 Carpenter (E. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn.  
 Carrollton Metal Products Co., Carrollton, Ohio "Carlton" (Stainless Steel)  
 Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"  
 Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 National Pipe Bending Co., New Haven, Conn.  
 P. M. C. Mfg. Corp., Phenicia, N. Y.  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 U. S. Stamping Co., Moundville, W. Va.  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "No Chip"  
 Voos Co., Inc., New Haven, Conn.  
 Wagner Mfg. Co., Sidney, O.  
 Wallace Bros., Wallingford, Conn.  
 Washburn Company, Worcester, Mass. "Sno-Cap"

**LADLES, Melting**

Cadley & Lambert Mfg. Co., Detroit, Mich.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hollands Mfg. Co., Erie, Pa.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Norris Bros., Robinson, Ill. (Bottom Pour)  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Rowell Mfg. Co., Appleton, Wis. "Rowell" (Bottom Pour)  
 Sawyer Belt Hook Co., Pawtucket, R. I.  
 Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
 Swett (A. L.) Iron Wks., Medina, N. Y.  
 Turner Brass Wks., Sycamore, Ill.  
 Unique Mfg. Co., Inc., Chicago, Ill.  
 U. S. Hardware Mfg. Co., Pawtucket, R. I.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Western Hdwe. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Ace"

LAG BOLTS—See Bolts, Lag

LAG SCREW SHIELDS—See Shields, Lag Screw

LAG SCREW WRENCHES—See Wrenches, Lag Screw

LAG SCREWS—See Screws, Coach and Lag

**LAMP BLACK**

Binney & Smith Co., 41 E. 43rd, New York, N. Y.  
 Cabot (Samuel) Inc., 141 Milk, Boston, Mass.  
 Martin (L.) Co., Inc., 45 E. 42nd, New York, N. Y. "Eagle," "Germantown," "Old Standard"  
 Monsanto Chemical Co., 1200 So. 2nd, St. Louis, Mo. "Bear"  
 Wagner (Chas. A.) Co., Inc., 811 Callowhill, Phila., Pa.  
 Williams (C. K.) & Co., Easton, Pa.

LAMP BRACKETS—See Brackets, Lamp

LAMP BURNERS—See Burners, Lamp

LAMP CHANGERS—See Changers, Electric Lamp

LAMP CHIMNEY HEATERS—See Heaters, Lamp Chimney

LAMP CHIMNEYS—See Chimneys, Lamp

LAMP COLORING AND FROSTING—See Coloring and Frosting, Lamp

LAMP CORD, ELECTRIC—See Cord, Lamp, Electric

LAMP OIL STOVES—See Stoves, Lamp, Oil

LAMP REPAIRERS AND SUPPLIES—See Repairs and Supplies, Lamp

LAMP SHADES—See Shades, Lamp, Glass; also Parchment and Silk

LAMP SOCKETS—See Sockets, Lamp

LAMP STANDARDS—See Standards, Lamp

LAMP WICK TRIMMERS—See Trimmers, Lamp Wick

LAMP WICKS—See Wicks, Lamp

**LAMPS, Acetylene, Gas**

Brilliant Search Light Mfg. Co., Chicago, Ill.  
 Hall (C. M.) Lamp Co., 1035 E. Hancock Av., Detroit, Mich. "Solar"  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 K-D Lamp Co., Cincinnati, O.  
 Milburn (Alexander) Co., Baltimore, Md.  
 Tyler (W. S.) Co., Cleveland, O.

**LAMPS, Bicycle, Electric**

Delta Electric Co., Marion, Ind. "Clipper," "Defender," "Masterlite," "Nighthawk," "Plasti-Lite," "Roadmaster," "Sentry," "Silver Knight," "Sportster," "Tarzan," "Trooper"  
 E. A. Laboratories, Inc., 596 Myrtle Av., Bklyn., N. Y. "Bikealite"  
 Powerflo Co., 2515 Wabash Av., Chicago, Ill. "Powerflo" (Batteryless)  
 Seiss Mfg. Co., 3835 Seiss Av., Toledo, O. "Guardian," "Protector," "Safeway," "Seiss," "Streamliner"  
 United States Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usa-Lite"

**LAMPS, Camp**

Brilliant Searchlight Mfg. Co., Chicago, Ill.  
 Coleman Lamp & Stove Co., Wichita, Kan. "Coleman" (Gasoline & Kerosene Pressure)  
 Columbus Auto Brass Co., Columbus, O.  
 Cowles (C.) & Co., New Haven, Conn.  
 Delta Electric Co., Marion, Ind.  
 Dewar Mfg. Co., 34 85th, Bklyn., N. Y. (Carbide)  
 Dietz (R. E.) Co., 60 Laight, New York, N. Y. "Beacon," "Pioneer," "Sport"  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Miller (Robert E.) Inc., 35 Pearl, New York, N. Y. "Optimus" (Kerosene Vapor)  
 National Stamping & Electric Wks., Chicago, Ill.  
 Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant" (Gasoline or Kerosene)

**LAMPS or BULBS, Electric, Incandescent**

American Lamp Wks., 51 State, Jersey City, N. J.  
 Brighton Lamp Co., Inc., 19 Hudson, New York, N. Y. "Supreme"  
 Consolidated Electric Lamp Co., Lynn, Mass. "Champion," "Green Back," "Rough Service," "White Champion"  
 Eastern Lamp Co., 782 S. 18th, Newark, N. J. "Eagle"  
 General Electric Co., Nela Park, Cleveland, O. "Edison Mazda," "General Electric Mazda," "Mazda Lumiline," "Mazda Three-Lite"  
 Hygrade-Sylvania Corp., Salem, Mass. "Hygrade"  
 Jewel Incandescent Lamp Co., Inc., 900 Passaic Av., East Newark, N. J. "Jewel"  
 Ken-Rad Corp., Owensboro, Ky.  
 Kentucky Electric Lamp Co., Inc., Owensboro, Ky.  
 Lightmore Appliance Corp., 16 E. 12th, New York, N. Y. "Lightmore," "Service," "Star"  
 North American Electric Lamp Co., St. Louis, Mo. "Flame-O-Lite," "Lite-O-Nite," "Nalco"  
 Pennsylvania Illuminating Corp., 315 Poplar, Scranton, Pa. "Keystone"  
 Safety Elec. Co., 110 S. Dearborn, Chicago, Ill.  
 Save Electric Corp., 615 Front, Toledo, O. "Save"  
 Sun-Glo Lamp Wks., Inc., 331 Carroll, Brooklyn, N. Y. "Sun-Glo"  
 Tung-Sol Lamp Wks., 95 8th Av., Newark, N. J. "Tultite"  
 Wabash Appliance Corp., 385 Carroll, Bklyn., N. Y. "Birdseye," "Lustra," "Superlite," "Waco"  
 Warren Lamp Co., Warren, Pa. "Solar"  
 Westinghouse Lamp Co., 150 Bway., New York, N. Y.

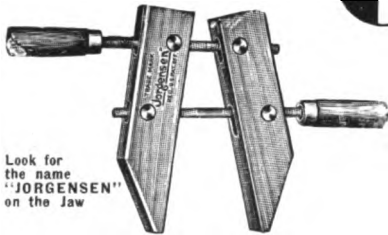
**LAMPS or BULBS, Electric, Miniature**

Carlton Lamp Corp., 811 30th, Union City, N. J.  
 Eastern Lamp Co., 782 S. 18th, Newark, N. J. "Eagle"  
 General Electric Co., Nela Park, Cleveland, O. "General Electric Mazda"  
 Safety Elec. Co., 110 S. Dearborn, Chicago, Ill.  
 Tung-Sol Lamp Wks., 95 8th Av., Newark, N. J. "Bi-Focal," "Tultite"  
 Westinghouse Lamp Co., 150 Bway., New York, N. Y.

**LAMPS, Electric, Adjustable**

Aladdin Mfg. Co., Muncie, Ind. "Deskflex," "Reth-Flex"  
 Atlas Mfg. Co., Eustis at Robbins, St. Paul, Minn.  
 Bussmann Mfg. Co., St. Louis, Mo. "Clamp-O-Set"  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y. "Nite-Beam"  
 Faries Mfg. Co., Decatur, Ill. "Amronlite"  
 Gregg Mfg. Co., Fredericktown, O.  
 Greist Mfg. Co., New Haven, Conn. "Do-All," "Juniorlite," "Wallace"  
 McFaddin (H. G.) & Co., Inc., 324 Fifth Av., New York, N. Y. "Emeraldite"  
 Marks Mfg. Co., 521 W. Monroe, Chicago, Ill.  
 Mitchell Mfg. Co., 1550 Dayton, Chicago, Ill. "Spot-Beam"  
 North American Electric Lamp Co., St. Louis, Mo.  
 Railway Corp., 6611 Euclid Av., Cleveland, O.  
 Smith (F. A.) Mfg. Co., 255 N. Union, Rochester, N. Y. "Moonbeam"  
 Spartan Electric Co., 255 N. Union, Rochester, N. Y.  
 Vimco Mfg. Co., Inc., Buffalo, N. Y. (Radio and Typewriter)  
 Wakefield (F. W.) Brass Co., Vermilion, O. "Red-Spot"

TRADE MARK  
"Jorgensen"  
REG. U. S. PAT. OFF.



Look for the name "JORGENSEN" on the Jaw

Dependable handclamps—made to exacting industrial standards, that won't give any trouble. Carefully seasoned jaws, handles stay on tight and threads last indefinitely.

TRADE MARK  
"Jorgensen"  
REG. U. S. PAT. OFF.



High-Speed Steel Bar Clamps with the Multiple Disc Clutch slip into position and hold squarely at any point. Rugged construction to give lifetime service.

TRADE MARK  
"Pony"  
REG. U. S. PAT. OFF.

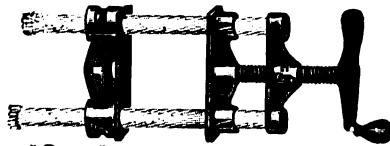
Malleable "C" Clamps in numerous shapes and sizes—qualified for industrial service and priced for volume sales.



TRADE MARK  
"Pony"  
REG. U. S. PAT. OFF.

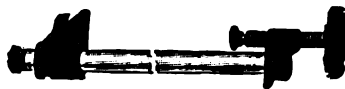
Malleable Lathe Dogs—special alloy steel screws with patented spherical topped heads and polished—to reduce the accident hazard.

# CLAMPS



TRADE MARK  
"Pony"  
REG. U. S. PAT. OFF.

Steel Double Bar Clamps—have the quick action Multiple Disc Clutch. Double pull to avoid buckling thru work—and to pull evenly on thick stock. Make them up on ordinary  $\frac{1}{4}$ " pipe.



TRADE MARK  
"Pony"  
REG. U. S. PAT. OFF.

Steel Bar Clamp Fixture—No. 52 make up clamps instantly using  $\frac{1}{4}$ " pipe.



TRADE MARK  
"Pony"  
REG. U. S. PAT. OFF.

Steel Bar Clamp Fixtures—No. 50 nationally known for make up clamps on  $\frac{1}{4}$ " pipe.

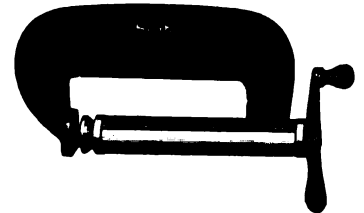


Spring Steel Bar Clamps—Popular wherever clamps are used. A large assortment carried on hand for quick shipment from Chicago.

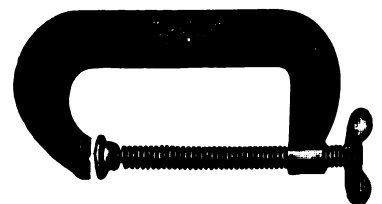
TRADE MARK  
"Pony"  
REG. U. S. PAT. OFF.



"MARK" Machinist's Clamps are built for heavy duty service. Malleable iron frame, cold-drawn steel screw turned from  $\frac{1}{2}$ " solid square bar and vise-type handle which permits turning in close quarters. Maximum size from 2" to 12".



"MARK" Welder's Clamps—with fast action crank handle. Protecting shield covers full length of screw, prevents damage from spattering, abrasion, etc. Shield is optional.



"JORGENSEN" Carriage Clamps built to "Jorgensen" standards. Extra strength, longer wear, special features. Improved malleable iron frame, cold drawn steel screw that always gives a positive, non-"humming" action.

## ADJUSTABLE CLAMP CO.

"The Clamp Folks"

411 N. Ashland Ave.

Chicago, U. S. A.

**Revolve**

## STEEL EQUIPMENT

**SAVES 35 TO 50% OF SPACE—SIMPLIFIES STOCK CONTROL**

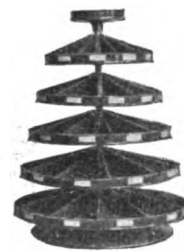


No. 100-C Bolt Cabinet

Bolts, screws, electric parts and other small items. Equivalent to 40 ft. of shelving.

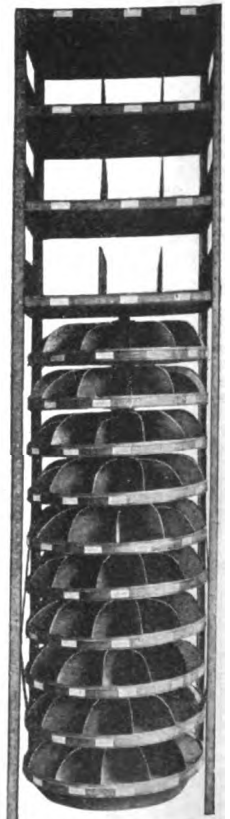


No. NBC-240 Nail Bin Counter with Revolving Cabinets, also comes with Bolt or Parts Cabinet.



No. CDP-550 Bolt Cabinet

Designed for bolts and small parts used on counter or work bench.



No. RS-77 Bolt Cabinet shown with 30 Shelf Unit



No. 25-B Nail Bin Cabinet

This modern store equipment displays merchandise so prominently that customers can see and buy just what they want. It stocks and stores nails, bolts, parts and kindred items so compactly that only about one-half of the usual floor or counter space is required. Saves time, steps and overhead.

All "REVOLVO" Sectional Steel Equipment is ball-bearing—revolves easily in either direction independently. Cut at right shows how "REVOLVO" Cabinets are used with one shelf unit, enabling you to utilize every square inch of shelf space, yet secure more storage room. "REVOLVO" Nail Bins (Upright Type) are made in 3 to 6 sections with 12 to 50 compartments. Also Counter Type in 3 to 6 sections with 12 to 30 compartments. Also "REVOLVO" Display Stands for paints, varnishes, enamels, etc. All equipment finished in beautiful Olive Green Baked Enamel. Send for Catalog No. 50 and Prices on complete "REVOLVO" line.

**WELLSTON MANUFACTURING COMPANY**  
WELLSTON, OHIO, U. S. A.

Mention Hardware Age When Writing

Digitized by Google



**LAMPS, Electric, Adjustable (Continued)**

White (O. C.) Co., 15 Harmon, Worcester, Mass.  
 "Play-O-Lite"  
 Wirt Co., Phila., Pa. "Dim-A-Lamp"

**LAMPS, Electric, Hand or Inspection**

American Automatic Electric Sales Co., 1033 W. Van Buren, Chicago, Ill.  
 Black, M., 309 Cherry, Phila., Pa.  
 Chicago Electric Mfg. Co., Chicago, Ill. "Handy"  
 Collier Insulated Wire Co., Pawtucket, R. I.  
 Connecticut Telephone & Electric Co., Meriden, Conn.  
 Continental Rubber Wks., Erie, Pa.  
 Cowles (C.) & Co., New Haven, Conn.  
 Culver-Stearns Mfg. Co., Worcester, Mass.  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Delta Electric Co., Marion, Ind. "Juniorlite."  
 "Powerlite," "Redbird," "Wildcat"  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y.  
 Electric Arts Co., Baltimore, Md. "Elec-tro-lite"  
 Fenton Mach. Tool & Die Co., Fenton, Mich.  
 Glade Mfg. Co., Chicago, Ill.  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.  
 "Justrite"  
 Morse (Frank W.) Co., 301 Congress, Boston, Mass.  
 "Morse Eureka"  
 Niagara Searchlight Co., Niagara Falls, N. Y.  
 Premier Electric Co., Chicago, Ill. "Stickalite"  
 Rodale Mfg. Co., Inc., Emaus, Pa.  
 Royal Electric Co., Inc., 91 Grand Av., Pawtucket, R. I. "Royal"  
 U-C Lite Mfg. Co., 500 N. Dearborn, Chicago, Ill.  
 "Big Beam"  
 Woodhead (Daniel) Co., 15 N. Jefferson, Chicago, Ill.  
 "Protex," "Vaportex"

**LAMPS, Exterminator, Insect**

Jackman & Co., Inc., 39 Prospect Av., Mt. Vernon, N. Y. "Infralite"  
 Leray Corp., 370 Lexington Av., New York, N. Y. "Leray"

**LAMPS, Fluorescent**

Consolidated Electric Lamp Co., Lynn, Mass.  
 Dazor Mfg. Co., Duncan & Taylor Aves., St. Louis, Mo.  
 Electro Mfg. Co., 411 S. Jefferson, Chicago, Ill.  
 General Electric Co., Nela Park, Cleveland, O.  
 "G E"  
 Hygrade-Sylvania Corp., Salem, Mass.  
 Westinghouse Lamp Co., 150 B'way, New York, N. Y.

**LAMPS and LANTERNS, Gasoline**

American Gas Machine Co., Inc., Albert Lea, Minn.  
 "Ready-Lite," "Sun Flame"  
 Coleman Lamp & Stove Co., Wichita, Kan. "Coleman" (Gasoline & Kerosene Pressure)  
 Erie Gas Mantle Mfg. Co., Erie, Pa.  
 Lindemann (A. T.) & Hoverson Co., Milwaukee, Wis.  
 "Lind-O-Lite"  
 Nagel-Chase Mfg. Co., 2815 N. Ashland Av., Chicago, Ill.  
 National Stamping & Electric Wks., Chicago, Ill.  
 "Storm King," "Nullite"  
 Prestiss Wabers Products Co., Wisconsin Rapids, Wis.  
 "Preway"  
 Radiant Products, Inc., 109 Radiant Bldg., Akron, O.  
 "Radiant"  
 Turner Brass Wks., Sycamore, Ill. "Turner-Lite"

**LAMPS, Electric, Floor and Table**

American Windshield & Specialty Co., 442 Boston Post Rd., Milford, Conn. "Puritan"  
 Everdy Co., Frederick, Md. "Evercraft"  
 Faries Mfg. Co., Decatur, Ill.  
 Frankelite Co., 5016 Woodland Av., Cleveland, O.  
 "Diamond F"  
 J. J. Miller & Sons, Inc., Phila., Pa.  
 Gregg Mfg. Co., Fredericktown, O.  
 Great Mfg. Co., New Haven, Conn.  
 Hubley Mfg. Co., Lancaster, Pa.  
 Kopp Glass Co., Swissvale, Pa.  
 Larkoller Co., 11 E. 36th, New York, N. Y.  
 Littlestown Bldg. & Fdy Co., Littlestown, Pa.  
 McFaddin (H. G.) & Co., Inc., 324 Fifth Av., New York, N. Y.  
 McKenney & Waterbury Co., 201 Devonshire, Boston, Mass.  
 Mantle Lamp Co. of America, Inc., 223 W. Jackson Blvd., Chicago, Ill. "Aladdin"  
 Marks Mfg. Co., 521 W. Monroe, Chicago, Ill.  
 Miller Co., Meriden, Conn.  
 Mitchell Mfg. Co., 1550 Dayton, Chicago, Ill.  
 Mutual-Sunset Lamp Mfg. Co., Inc., 360 Furman, Bklyn., N. Y.  
 Ray Corp., 6611 Euclid Av., Cleveland, O.  
 West Bend Aluminum Co., West Bend, Wis.  
 Wirt Co., Germantown, Phila., Pa. "Dim-a-Lamp"

**LAMPS, Glass**

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Central Glass Wks., Wheeling, W. Va.  
 Lancaster Glass Co., Lancaster, O.  
 Mantle Lamp Co. of America, Inc., 223 W. Jackson Blvd., Chicago, Ill. "Aladdin"  
 New Martinsville Glass Mfg. Co., New Martinsville, W. Va.  
 South Glass Co., Hartford City, Ind.

**LAMPS, Incubator**

Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
 Queen Incubator Co., Lincoln, Neb.

**LAMPS, Inspection, Electric—See Lamps, Electric, Hand or Inspection****LAMPS, Iron—See Lamps, Artistic Bronze and Wrought Iron****LAMPS, Kerosene Oil**

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Bradley & Hubbard Mfg. Div. Chas. Parker Co., Meriden, Conn. "B & H," "Rayo"  
 Coleman Lamp & Stove Co., Wichita, Kan. "Ker-O-Lite" (Mantle)  
 Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 "Convoy," "Eureka," "Monitor"  
 Farmor Mfg. Co., 2856 Arsenal, St. Louis, Mo.  
 "Farmor" (Mantle)  
 Mantle Lamp Co. of America, Inc., 223 W. Jackson Blvd., Chicago, Ill. "Aladdin"  
 Miller Co., Meriden, Conn.  
 Miller (Robert E.) Inc., 35 Pearl, New York, N. Y.  
 "Optimus" (Vapor)  
 Nagel-Chase Mfg. Co., 2815 N. Ashland Av., Chicago, Ill.  
 National Stamping & Electric Wks., Chicago, Ill.  
 New Martinsville Glass Mfg. Co., New Martinsville, W. Va.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 "Banner," "Climax," "Little Royal," "Magnet," "Nagatuck," "Plumwood," "Royal"  
 Radiant Products, Inc., 109 Radiant Bldg., Akron, O.  
 "Radiant"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Radius" (Swedish)  
 Scott Depot Glass Co., Scott Depot, W. Va.  
 Scovill Mfg. Co., Waterbury, Conn. "Queen Anne"  
 Uifers Holtum Mfg. Co., Freeport, Ill.  
 United States Glass Co., Pittsburgh, Pa.

**LAMPS, Mine, Acetylene**

Bullard (E. D.) Co., San Francisco, Calif.  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.  
 "Justrite"  
 MacLeod Co., Cincinnati, O.  
 Martin Hardsoeg Co., Pittsburgh, Pa.  
 Milburn (Alexander) Co., Baltimore, Md.  
 Wolf Safety Lamp Co. of America, Inc., 227 Grand Av., Bklyn., N. Y.

**LAMPS, Miners', Electric**

Concordia Elec. Co., Pittsburgh, Pa. "CEAG"  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.  
 "Justrite"  
 Wolf Safety Lamp Co. of America, Inc., 227 Grand Av., Bklyn., N. Y.

**LAMPS, Miners', Safety**

Bullard (E. D.) Co., San Francisco, Calif.  
 Concordia Elec. Co., Pittsburgh, Pa. "CEAG"  
 Dewar Mfg. Co., 34 35th, Bklyn., N. Y.  
 Handlan-Buck Mfg. Co., St. Louis, Mo.  
 Koehler Mfg. Co., Marlboro, Mass.  
 Linde Air Products Co., 30 E. 42nd, New York, N. Y. "Oxweld"  
 What Cheer Tool Co., What Cheer, Ia.  
 Wolf Safety Lamp Co. of America, Inc., 227 Grand Av., Bklyn., N. Y.

**LAMPS, Motorcycle—See Lamps, Bicycle****LAMPS, Night**

Atlas Mfg. Co., Eustis at Robbins, St. Paul, Minn.  
 McFaddin (H. G.) & Co., Inc., 324 Fifth Av., New York, N. Y. "Glow," "Gnome" (Electric & Gasoline)

Plume & Atwood Mfg. Co., Waterbury, Conn.  
 "Acorn," "Cottage," "Firestone," "Hornet," "Little Brownie," "Nutmeg," "Pollyanna"

**LAMPS, Safety—See Lamps, Miners', Safety****LAMPS, Signal, Electric**

Delta Electric Co., Marion, Ind. "Powerflare"

**LAMPS, Sportsmen's**

Brilliant Search Light Mfg. Co., Chicago, Ill.  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.  
 "Justrite"  
 Linde Air Products Co., 30 E. 42nd, New York, N. Y. "Oxweld"

**LAMPS, Television—See Tubes, Vacuum, Television****LAMPS, Therapeutic**

Black, M., 309 Cherry, Phila., Pa.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y.  
 "De Luxe"  
 Faries Mfg. Co., Decatur, Ill. "Faries"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Hanovia Chemical & Mfg. Co., Chestnut, Newark, N. J. "Alpine"  
 Keene Chemical Co., 204 E. 23rd, New York, N. Y.  
 "Palm Beach"  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo.  
 "Kwikway"

McFaddin (H. G.) & Co., Inc., 324 Fifth Av., New York, N. Y. "Thermolite"  
 National Stamping & Elec. Wks., Chicago, Ill.  
 "White Cross"  
 North American Electric Lamp Co., St. Louis, Mo.  
 Rogers Elec. Laboratories Co., 1890 E. 40th, Cleveland, O. "Ray-O-Light"  
 Samson-United Corp., Rochester, N. Y.  
 Sperti Electric Mfg. Corp., 424 E. 4th, Cincinnati, O. "Sperti"  
 Sun-Kraft Co., Inc., 1809 N. Ashland Av., Chicago, Ill.  
 Ultra-Violet Ray Laboratories, Inc., 108 E. 28th, New York, N. Y.  
 Weinig-Made-Rite Co., 10750 Berea Rd., Cleveland, O. "Made-Rite"  
 Weldon Mfg. Co., 461 Broome, New York, N. Y.  
 "Bake-O-Lamp," "Weldon," "Wel-Ray"  
 Westinghouse Electric Mfg. Co., Mansfield, O.

**LAMPS, Wall, Electric**

Celmet Products Co., 89 Allen, Rochester, N. Y.  
 "Hold-Tite"  
 Eagle Mfg. Co., Wellsboro, W. Va. "So-Easy"  
 Gregg Mfg. Co., Fredericktown, O.  
 Railley Corp., 6611 Euclid Av., Cleveland, O. "Pin-It-Up"

**LAMPS, Wrought Iron—See Lamps, Artistic Bronze and Wrought Iron****LANDING FISH GAFFS—See Gaffs, Fish, Landing****LANDING NETS—See Nets, Landing****LANDSCAPE CURBINGS—See Curbing, Landscape****LANTERN GLOBES—See Globes, Lantern****LANTERNS, Candle, Folding**

Superior Meter Co., 167 41st, B'klyn., N. Y. "Stone-bridge"

**LANTERNS, Cold Blast**

Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 "Advance," "Blizzard," "Crown," "D-Lite," "Gem," "Junior," "Little Giant," "Little Wizard," "Pioneer"  
 Embury Mfg. Co., Warsaw, N. Y. "Air Pilot," "Defiance," "Little Defiance," "Little Supreme," "Supreme," "Triumph"  
 Red Flare Signal Corp., Fostoria, O. "Red Flare"  
 Rochester Can Co., Rochester, N. Y.

**LANTERNS, Dash**

Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 "Buckeye"  
 Embury Mfg. Co., Warsaw, N. Y. "Defiance," "Supreme"  
 Lisk Mfg. Co., Canandaigua, N. Y. "Hot Blast"

**LANTERNS, Hand, Electric**

(See also Flashlights)  
 Bond Electric Corp., New Haven, Conn. "Bond," "Pla-Mate"  
 Burgess Battery Co., Freeport, Ill. "Safety-Lantern," "Twin-Six"  
 Carpenter Mfg. Co., Boston, Mass. "Master-Lite"  
 Chase Brass & Copper Co., Waterbury, Conn. "Bomb"  
 Dad's Factories, Ludlow & Nevada, Indianapolis, Ind.  
 Delta Electric Co., Marion, Ind. "Silverite," "Husky," "Powerlite," "Red Bird," "Wildcat"  
 Honeycut Battery Corp., Kansas City, Mo. "A. C. Midget"  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.  
 "Justrite"  
 Ray-O-Vac Co., Madison, Wis. "Ray-O-Vac"  
 Seiss Mfg. Co., Toledo, O. "Daisy"

**LANTERNS, Gasoline—See Lamps and Lanterns, Gasoline****LANTERNS, Hanging**

Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 "Pioneer"  
 Embury Mfg. Co., Warsaw, N. Y. "Defiance," "Supreme"  
 Hopewell Mfg. Co., Hopewell, N. J.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

**LANTERNS, Hot Blast**

Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 "Hy-Lo," "Monarch"  
 Embury Mfg. Co., Warsaw, N. Y. "Defiance," "Supreme"

**LANTERNS, Inspectors'**

Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 "Acme," "Ideal"

**LANTERNS, Kerosene Oil**

Coleman Lamp & Stove Co., Wichita, Kan. "Coleman"  
 Miller (Robert E.) Inc., 35 Pearl, New York, N. Y.  
 "Optimus" (Vapor)  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Radius" (Swedish)

# HOMES "MOVE" ON

**I**T'S the moving parts of a home that make it livable, comfortable, attractive. Stanley offers the most complete line of Wrought Steel and Wrought Brass Hardware for every moving part of a home . . . doors, windows, drawers, screens, storm sash, shutters. It will pay you to standardize on this "best known" brand. The Stanley Works, New Britain, Connecticut.



ENTRANCE DOORS



INTERIOR DOORS



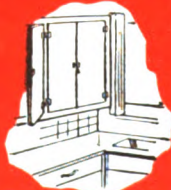
PANTRY DOORS



CLOSET DOORS



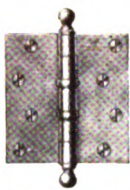
CABINET DOORS



KITCHEN CABINETS



WINDOWS

**BALL BEARING BUTTS**

Furnished in all standard materials, types, sizes and finishes.

**PLAIN JOINT BUTTS**

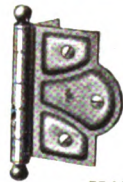
For interior doors. All sizes, all finishes.

**NARROW BUTTS**

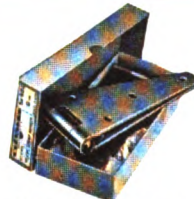
For use on cupboards, cabinets, chests.

**BROAD BUTTS**

For general utility applications of all kinds.

**HALF SURFACE BUTTS**

Easy to apply. Attractive designs and finishes. Reversible.

**STRAP HINGES**

All sizes and finishes with screws in packages or without screws in bulk. Red Tips.

**T-HINGES**

All sizes and finishes. Boxed in pairs with screws or in bulk without screws. Red Tips.

**CABINET HINGES**

Complete line in all designs and finishes.

**"MULTICHROME" CABINET HARDWARE**

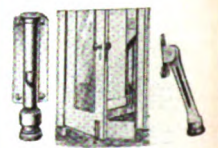
—a full line in choice of 5 colors—Red, Blue, Green, Ivory, Black.

**DOUBLE ACTING FLOOR HINGES**

Ball bearing equipped, reversible side plates. Adjustable for tension and alignment.

**CABINET LATCHES**

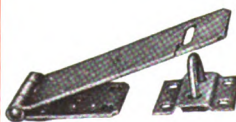
Full line in Wrought Steel and Wrought Brass. All finishes.

**DOOR HOLDERS**

Hold doors in any position on any floor.

**JAM PROOF SASH PULLEYS**

Sash cord or chain cannot "jump" wheel. Face plate eliminates drafts.

**SAFETY HINGE HASPS**

When fastened all screws are covered, cannot be removed.

**BRACKETS**

All types and sizes to hold any shelf.

**CLOSET HARDWARE**

Adjustable closet bars, garment hangers, hat holders, shoe racks.



# STANLEY HARDWARE



## "ROLL-UP" DOORS

The finest door equipment for standard or special openings. Complete with doors and hardware.



## "SWING-UP" HARDWARE

Fine equipment, can be applied to any stock doors, old or new.



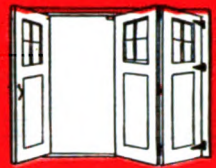
## SLIDING-FOLDING DOOR HARDWARE

(Under Soffit Type)  
For 3, 4, 5 or 6 door installation.



## HINGED DOOR HARDWARE

The most complete line, for any hinged door application.



## GARAGE DOORS



## TRACK AND HANGERS

A complete line for barn doors or any large sliding doors.



## GARAGE DOOR HOLDERS

All types to meet all garage requirements.



## BALL BEARING HINGES

Colonial designs add charm to any door.

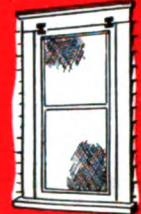


## BLIND HOLD-BACKS

Stanley makes a complete line Blind Hardware for frame, brick or stucco construction.



## BARN DOORS



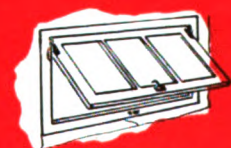
## SCREENS



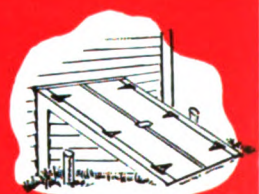
## STORM SASH



## SHUTTERS



## BASEMENT WINDOWS



## BASEMENT DOORS



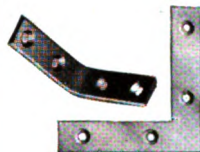
## SCREEN HARDWARE

In sets or individual pieces to fit every type of screen door and window screen.



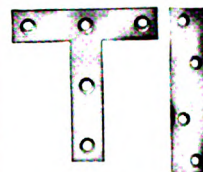
## STORM SASH HARDWARE

A full line to hold every type of "winter window" tightly in place.



## CORNER IRONS

All sizes. Plain Steel or Cadmium finish.



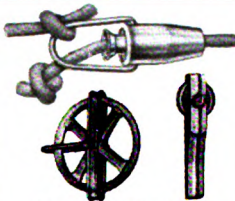
## MENDING AND T-PLATES

All sizes. Plain Steel or Cadmium finish.



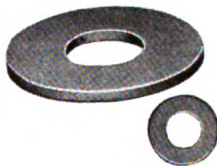
## CHEST HANDLES

Strong, rugged handles with comfortable grips.



## CLOTHESLINE HARDWARE

Includes Pulleys, Line Support and Line Clamp durably finished.



## BURRS AND WASHERS

Good quality and weight. Made in all sizes.

The items shown here represent but a few of the thousands made by Stanley. Catalog showing the complete line of Stanley Hardware will be gladly furnished for easy reference.

# STANLEY

TRADE MARK

## HARDWARE FOR CAREFREE DOORS

Mention Hardware Age When Writing

Digitized by Google



Established 1818—America's Oldest Woven Wire Factory.



Ask for  
**Gilbert & Bennett**  
**G&B**  
QUALITY  
Products

**Poultry Netting**  
Galvanized Before and After

**Straitline Poultry Fence**  
Galvanized Before and After

**Galvanized Hardware Cloth**  
In All Meshes and Gauges

**SCREEN WIRE CLOTH**

**Pearl Wire Cloth**  
2 Copper Wires in the Selvage

**Acme Electro-Galvanized Wire Cloth**

**Painted Black Wire Cloth**

**Copper Wire Cloth**  
Light and Dark

**Bronze Wire Cloth**  
Bright and Roman

**THE GILBERT & BENNETT MFG. CO.**  
GEORGETOWN, CONN. NEW YORK, N. Y. BLUE ISLAND, ILL. KANSAS CITY, MO.

## This is the FAMOUS Line of RUBYFLUID

Soldering Products



There are many reasons why you'll want to feature the Rubyfluid line of famous soldering products:—

**because—**Rubyfluid is easy to use, behaves properly, no danger of corrosion or disagreeable odors. Customers like it as evidenced by thousands who use and reuse it daily.

**because—**Rubyfluid products—paste, flux and core solder—are packaged in handy size containers in convenient, colorful counter display cartons that sell on sight. A real aid to you. Properly priced for ample margin.

**because—YOU,** as a dealer, want your customer to get the most for his money and have him a continued satisfied customer of yours.



SEE YOUR JOBBER OR WRITE DIRECT.

**RUBY CHEMICAL CO.**  
58 McDowell St. Columbus, Ohio

**Rubyfluid**

# ROSE

## Screen Door Check



Shown is Model H, our spring pneumatic check for all screen, storm and light interior doors. Durable built for long life. Spring tension and closing speed are adjustable. By-pass valve in plunger assembly enables door to open easily—close gently but firmly. Avoids banging.

Model 77, slightly smaller, with concealed spring, retails for only \$1.

## Automatic Caulking Gun



Tremendous pressure—very easy—very fast! Handy pistol-grip. Flow stops automatically the instant trigger is released—exclusive feature. Plunger rod handle has 3-finger grip—usable as hanger. Built for hard usage. Complete with 3 nozzles. Four sizes. Model 810 comes with adapters for cartridge use without extra charge.

## "Dudek" Cattle Pokes

Preferred by stock raisers and dairymen for over 30 years. Light weight, yet strong enough to hold any animal. Oval shape and rounded edges give perfect fit, utmost comfort. Forged steel, no springs. Enameled finish. 4 sizes.

**Frank Rose Mfg. Co., Hastings, Nebr.**



No. 40



No. 10



No. 80



No. 01

## SWAN'S

### Auger Bits

These famous bits are made with heads and twists of many styles and in 26 different sizes from 3/16" to 32/16". Also Car Bits, Augers, Expansive Bits and Gimlet Bits.

## SWAN'S

### Quality Chisels

Noted everywhere for their wonderful steel and easy cutting. Made in Socket Firmer, Socket and Tanged Butt types, also Socket Firmer Gouges in all standard sizes. Also Drawing Knives, Screw Drivers, Countersinks, Nail Sets, Boring Machines, etc.

Sell Carpenters' Tools that bear the Swan Trade Mark which stands for quality.

Send for Catalog and Prices.

**The JAMES SWAN COMPANY**

Seymour Conn.  
New York Office 28 Warren St.



No. 1035

**LANTERNS, Parking**

Diets (R. E.) Co., 60 Laight, New York, N. Y.

"Bunks"

**LANTERNS, Platform**

Diets (R. E.) Co., 60 Laight, New York, N. Y.

"Climax"

**LANTERNS, Railroad**

Diets (R. E.) Co., 60 Laight, New York, N. Y.

"Aeme" (Inspectors), "8-Day," "Ideal" (Inspectors), "Protector" (Trackwalkers), "Rear Signal," "Standard" (No. 39), "Steel Clad" (No. 39), "Vesta," "Vulcan" (No. 39), "No. 999"

**LANTERNS, Tubular**

Diets (R. E.) Co., 60 Laight, New York, N. Y.

"Blizard," "D-Lite," "Hy-Lo," "Little Giant," "Little Wizard," "Monarch"

Embury Mfg. Co., Warsaw, N. Y. "Air Pilot," "Defiance," "Little Defiance," "Little Supreme," "Supreme," "Triumph"

National Stamping &amp; Electric Wks., Chicago, Ill.

"Nulite"

Rochester Can Co., Rochester, N. Y. "Iron Horse"

Wheeling Stamping Co., Wheeling, W. Va. "Paul's Leader"

**LANTERNS, Wagon**

Diets (R. E.) Co., 60 Laight, New York, N. Y.

"Junior," "Roadster"

Embury Mfg. Co., Warsaw, N. Y. "Defiance," "Luck-E-Lite," "Supreme"

**LANTERNS, Wall**

Diets (R. E.) Co., 60 Laight St., New York, N. Y.

"Beacon"

**LAPEL WATCHES**—See Watches, Wrist, Pocket and Lapel**LAPPING COMPOUNDS**—See Compounds, Grinding and Lapping**LARD PRESSES**—See Presses, Lard**LARIAT ROPE**—See Rope, Lariat**LARIATS**

Samson Cordage Wks., 89 Broad, Boston, Mass.

"Samson Spot"

Silver Lake Co., 99 Chauncy, Boston, Mass.

**LASTS and STANDS, Cobblers'**

(See also Outfits, Cobblers')

Adams Co., Dubuque, Ia.

Badger Malleable &amp; Mfg. Co., S. Milwaukee, Wis.

"Champion," "Peerless"

Chattanooga Implement &amp; Mfg. Co., Chattanooga, Tenn.

Dalton Foundries, Inc., Warsaw, Ind. "Big Boy"

Fate-Roth-Heath Co., 1333 High, Plymouth, O.

"Buckeye," "Guaranteed Perfection," "Ohio"

Grey Iron Casting Co., Mt. Joy, Pa.

Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson

Av., Newark, N. J. "Clipper," "Dixie," "Empire," "Eureka," "Gotham," "Jersey," "Newark," "Victor"

Wrightsville Hdw. Co., Wrightsville, Pa. "Brighton," "Columbia"

**LATCHES**—See Knobs; also Locks; also Catches**LATCHES, Barn Door**—See Latches, Door, Barn**LATCHES, CABINET**—See Catches, Cupboard, Door, etc.**LATCHES, Door**

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-O-Krat"

Allith-Prouty, Inc., Danville, Ill. "Alligator"

Barrows Lock Wks. of Yale &amp; Towne Mfg. Co., North Chicago, Ill.

Best Universal Lock Co., 730 E. Washington, Indianapolis, Ind.

Bohannon (Wilson) Co., Marion, O. "Well Bilt"

Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.

Chantrell Hdw. &amp; Tool Co., Fitchburg, Mass.

Clinton Lock Co., Clinton, Ia.

Coburn Trolley Track Co., Holyoke, Mass. "Coburn"

Corbin, P. &amp; F., New Britain, Conn.

Craftsmen, 108 Broad, Boston, Mass.

Detroit Hdw. Mfg. Co., Detroit, Mich.

Earle Hardware Mfg. Co., Reading, Pa. "Huber"

Frantz Mfg. Co., Sterling, Ill.

Grand Specialties Co., 8101 W. Grand Av., Chicago, Ill. "Kastlok"

Griffin Mfg. Co., Erie, Pa.

Hager (C.) &amp; Sons Hinge Mfg. Co., St. Louis, Mo.

Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.

Independent Lock Co., Fitchburg, Mass. "Ilco"

Lawrence Bros., Sterling, Ill.

Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

McKinney Mfg. Co., Pittsburgh, Pa.

National Brass Co., Grand Rapids, Mich. "Dexter"

National Mfg. Co., Sterling, Ill.

Ney Mfg. Co., Canton, O.

Norwalk Lock Co., 261 B'way, New York, N. Y.

Pennsylvania Hdw. Co., Reading, Pa.

Reading Hdw. Corp., Reading, Pa.

Richards-Wilcox Mfg. Co., Aurora, Ill.

Russell &amp; Erwin Mfg. Co., New Britain, Conn.

Safe Padlock &amp; Hardware Co., Lancaster, Pa.

Sager Lock Wks. of Yale &amp; Towne Mfg. Co., N. Chicago, Ill.

Sargent &amp; Co., New Haven, Conn.

Segal Lock &amp; Hdw. Co., Inc., 261 B'way, New York, N. Y.

Sharon Hardware Mfg. Co., Sharon, Pa.

Shelby Spring Hinge Co., Shelby, O.

Slaymaker Lock Co., Lancaster, Pa.

Stanley Wks., New Britain, Conn. "Kee Bolt"

Starline, Inc., Harvard, Ill.

Wagner Mfg. Co., Cedar Falls, Ia. "Daisy," "Little Hummer"

Western Products, Inc., New Castle, Ind.

Wrightsville Hdw. Co., Wrightsville, Pa.

Yale &amp; Towne Mfg. Co., Stamford, Conn.

**LATCHES, Door, Barn**

Albany Hdw. Specialty Mfg. Co., Albany, Wis.

"Whitcomb"

Allith-Prouty, Inc., Danville, Ill. "Prouty"

Bohannon (Wilson) Co., Marion, O. "Well Bilt"

Coburn Trolley Track Co., Holyoke, Mass. "Coburn"

Corbin, P. &amp; F., New Britain, Conn.

Detroit Hdw. Mfg. Co., Detroit, Mich.

Fernald Tool Co., North East, Pa. "Security"

Franklin Tool Co., Buffalo, N. Y.

Frantz Mfg. Co., Sterling, Ill.

Grey Iron Casting Co., Mt. Joy, Pa.

Griffin Mfg. Co., Erie, Pa.

Hager (C.) &amp; Sons Hinge Mfg. Co., St. Louis, Mo.

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.

Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.

Lawrence Bros., Sterling, Ill.

Louden Machinery Co., Fairfield, Ia.

McKinney Mfg. Co., Pittsburgh, Pa.

Moriarty Mfg. Co., 5819 19 Av., Kenosha, Wis.

National Mfg. Co., Sterling, Ill.

Ney Mfg. Co., Canton, O.

Penn Hdw. Co., Reading, Pa.

Reading Hdw. Corp., Reading, Pa.

Richards-Wilcox Mfg. Co., Aurora, Ill.

Sargent &amp; Co., New Haven, Conn.

Stanley Wks., New Britain, Conn. "Kee Bolt"

Starline, Inc., Harvard, Ill.

Wagner Mfg. Co., Cedar Falls, Ia. "Daisy"

Western Products, Inc., New Castle, Ind.

Wrightsville Hdw. Co., Wrightsville, Pa.

**LATCHES, Door, Screen and Storm**

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-O-Krat"

Barrows Lock Wks. of Yale &amp; Towne Mfg. Co., North Chicago, Ill.

Bohannon (Wilson) Co., Marion, O. "Well Bilt"

Budd (Edward G.) Mfg. Co., 25th &amp; Hunting Park Av., Phila., Pa.

Champion Hdw. Co., Geneva, O.

Clinton Lock Co., Clinton, Ia.

Corbin, P. &amp; F., New Britain, Conn.

Fivale Equipment Mfg. Co., 64 Reade, New York, N. Y.

Frantz Mfg. Co., Sterling, Ill.

Frost (C. L.) &amp; Son, Grand Rapids, Mich.

Getty (H. S.) &amp; Co., Inc., 3348 No. 10th, Phila., Pa.

Griffin Mfg. Co., Erie, Pa.

Ideal Brass Works, 604 Empire Bank Bldg., St. Paul, Minn.

Independent Lock Co., Fitchburg, Mass. "Ilco"

Lawrence Bros., Sterling, Ill.

Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

McKinney Mfg. Co., Pittsburgh, Pa.

National Brass Co., Grand Rapids, Mich. "Dexter"

National Mfg. Co., Sterling, Ill.

Norwalk Lock Co., 261 B'way, New York, N. Y.

Russell &amp; Erwin Mfg. Co., New Britain, Conn.

"Russwin"

Safe Padlock &amp; Hardware Co., Lancaster, Pa.

Sager Lock Wks. of Yale &amp; Towne Mfg. Co., N. Chicago, Ill.

Sargent &amp; Co., New Haven, Conn.

Schlage Lock Co., 20 Bay Shore Blvd., San Francisco, Cal.

Shelby Spring Hinge Co., Shelby, O.

Skillman Hardware Mfg. Co., Trenton, N. J.

Stanley Wks., New Britain, Conn.

Wayne Mfg. Co., Detroit, Mich.

Wright Products Mfg. Co., 2101 Kennedy, N.E., Minneapolis, Minn.

Yale &amp; Towne Mfg. Co., Stamford, Conn.

**LATCHES, Gate**

Barrows Lock Works of Yale &amp; Towne Mfg. Co., North Chicago, Ill.

Bohannon (Wilson) Co., Marion, O. "Well Bilt"

Chantrell Hdw. &amp; Tool Co., Fitchburg, Mass.

Clinton Lock Co., Clinton, Ia.

Columbus Brass Co., Columbus, O.

Corbin, P. &amp; F., New Britain, Conn.

Cyclone Fence Co., Waukegan, Ill.

Dent Hdw. Co., Fullerton, Pa.

Duffy Iron Casting Co., Chicago, Ill. "Chicago"

Grey Iron Casting Co., Mt. Joy, Pa. "Donagel"

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.

Lawrence Bros., Sterling, Ill.

Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

Lynch (Kenneth) &amp; Son, Inc., 215 E. 42nd, New York, N. Y.

McKinney Mfg. Co., Pittsburgh, Pa.

Otto Bros., 1751 W. Lake, Chicago, Ill.

Penn Hdw. Co., Reading, Pa.

Safe Padlock &amp; Hardware Co., Lancaster, Pa.

Sager Lock Wks. of Yale &amp; Towne Mfg. Co., N. Chicago, Ill.

Sargent &amp; Co., New Haven, Conn.

Standard Fence Co., Oakland, Cal.

Stanley Wks., New Britain, Conn.

Starline, Inc., Harvard, Ill.

Susquehanna Casting Co., Wrightsville, Pa.

Wrightsville Hdw. Co., Wrightsville, Pa. "St. Louis," "Shepards"

Yale &amp; Towne Mfg. Co., Stamford, Conn.

**LATCHES, Invisible**

Brunner &amp; Co., 460 W. B'way, New York, N. Y.

Glynn-Johnson Corp., 1821 Beretseau Av., Chicago, Ill. "G-J"

Ives (H. B.) Co., New Haven, Conn.

Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

Safe Padlock &amp; Hardware Co., Lancaster, Pa.

**LATCHES, Lavatory Door**

Bommer Spring Hinge Co., 263 Classon Av., Bklyn., N. Y.

Brey-Krause Mfg. Co., Allentown, Pa.

Chicago Spring Hinge Co., 1600 Carroll Av., Chicago, Ill.

Clinton Lock Co., Clinton, Ia.

Corbin, P. &amp; F., New Britain, Conn.

Getty (H. S.) &amp; Co., Inc., 3348 No. 10th, Phila., Pa.

Ives (H. B.) Co., New Haven, Conn.

Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

Milwaukee Stamping Co., Milwaukee, Wis.

Norwalk Lock Co., 261 B'way, New York, N. Y.

Russell &amp; Erwin Mfg. Co., New Britain, Conn.

"Russwin"

Safe Padlock &amp; Hardware Co., Lancaster, Pa.

Sargent &amp; Co., New Haven, Conn.

Slaymaker Lock Co., Lancaster, Pa.

Yale &amp; Towne Mfg. Co., Stamford, Conn.

**LATCHES, Night**

Barrows Lock Works of Yale &amp; Towne Mfg. Co., North Chicago, Ill.

Best Universal Lock Co., 730 E. Washington, Indianapolis, Ind.

Bohannon (Wilson) Co., Marion, O. "Well Bilt"

Champion Hardware Co., Geneva, O.

Chantrell Hdw. &amp; Tool Co., Fitchburg, Mass.

Clinton Lock Co., Clinton, Ia.

Corbin Cabinet Lock Co., New Britain, Conn.

Corbin, P. &amp; F., New Britain, Conn.

Eagle Lock Co., Terryville, Conn.

Earle Hdw. Mfg. Co., Reading, Co. "Huber"

Four-Way Lock Co., 4619 Ravenswood Av., Chicago, Ill. "4-Way"

Fram (E. T.) Lock Co., Lancaster, Pa. "Keystone"

Getty (H. S.) &amp; Co., Inc., 3348 No. 10th, Phila., Pa.

Independent Lock Co., Fitchburg, Mass. "Ilco"

Junel Lock Co., 28 Warren, New York, N. Y.

Keil (Francis) &amp; Son, Inc., 401 E. 168rd, New York, N. Y.

Lawrence Bros., Sterling, Ill.

Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

Miller (J. Walter) Co., Lancaster, Pa.

National Brass Co., Grand Rapids, Mich. "Dexter"

Norwalk Lock Co., 261 B'way, New York, N. Y.

Penn Hdw. Co., Reading, Pa. "Heizmann"

Reading Hardware Corp., Reading, Pa.

Reliable Mfg. Co., New Haven, Conn. "Graham"

Russell &amp; Erwin Mfg. Co., New Britain, Conn.

"Russwin"

Ry-Lock Co., Ltd., San Leandro, Cal.

Safe Padlock &amp; Hardware Co., Lancaster, Pa.

Sager Lock Wks. of Yale &amp; Towne Mfg. Co., N. Chicago, Ill.

Sargent &amp; Co., New Haven, Conn.

Sargent &amp; Greenleaf, Rochester, N. Y.

Segal Lock &amp; Hdw. Co., Inc., 261 B'way, New York, N. Y.

Skillman Hdw. Mfg. Co., Trenton, N. J.

Slaymaker Lock Co., Lancaster, Pa.

Taylor Mfg. Co., 3200 N. Mascher, Phila., Pa.

Welch Bros. Co., 1625 Sheridan Rd., North Chicago, Ill.

Yale &amp; Towne Mfg. Co., Stamford, Conn. "Morim"

**LATCHES, Refrigerator**—See Refrigerator Hardware**LATCHES, Screen Door**—See Latches, Door, Screen**LATCHES, Storm Door**—See Latches, Door, Screen and Storm**LATH, Metal**

Coddington (E. D.) Mfg. Co., Milwaukee, Wis.

"Ecod"

Milcor Steel Co., Milwaukee, Wis. "Kuehn's Specialmesh," "Stay-Rib," "Steel Kraft"

Roebeling's (John A.) Sons Co., Trenton, N. J.

"Jersey"

**LATH, Metal, Expanded**

Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"

Bethlehem Steel Co., Bethlehem, Pa.

Bostwick Steel Lath Co., Niles, O. "Truss-Loop"

Consolidated Expanded Metal Co., Wheeling, W. Va.

"Steelcrete"

Fireproof Products Co., Inc., 536 E. 133rd, New York, N. Y.

General Fireproofing Co., Youngstown, O. "Herringbone," "Key"

Klauser Mfg. Co., Dubuque, Ia.

Milcor Steel Co., Milwaukee, Wis. "Netmesh," "Milcorsilvercote," "Smalmesh"

Parkersburg Iron &amp; Steel Co., Parkersburg, Pa.

Penn Metal Co., Boston, Mass. "Penco"

Ryerson (Joe T.) &amp; Son, Inc., 16th &amp; Rockwall, Chicago, Ill.

Sharon Steel Hoop Co., Sharon, Pa. "Mahoning"

Southern (E. E.) Iron Co., St. Louis, Mo.

Sykes Metal Lath &amp; Roofing Co., Niles, O.

Truscon Steel Co., Youngstown, O. "Hy-Rib"

Wheeling Corrugating Co., Wheeling, W. Va.



# MID-STATES

PATENTED

## *"Galvannealed"* Copper-Bearing



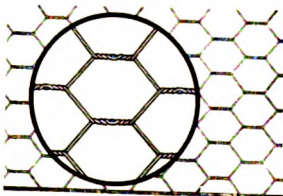
### WOVEN WIRE

The Mid-States line of farm fencing is copper-bearing "Galvannealed" (not galvanized)—tests have proven that it will outlast plain galvanizing. Furnished in stiff stays or hinged joints—and a full range of heights, weights and spacing.



### BARBED WIRE

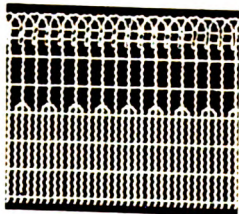
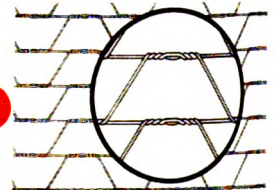
Full gauge "Galvannealed" copper-bearing wire—it has sharp, well pointed barbs, uniformly spaced and evenly twisted. Five different styles and weights to suit every need.



### POULTRY FABRIC and NETTING

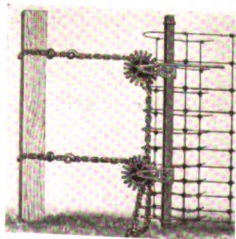
The fabric is made exactly like the field fence except closer spacing.

Mid-States line of netting, including straight line and hexagon, is comparable to the high standard and quality of other Mid-States products.



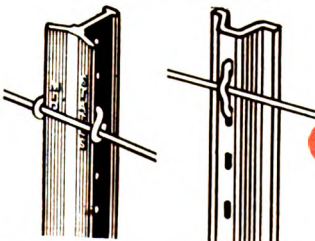
### ORNAMENTAL FABRIC

One of the most complete lines on the market. Designs, sizes, weights, heights and spacings in a wide and diversified range of selection to suit any requirement.



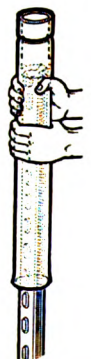
### FENCE STRETCHER

Designed by practical fence builders from actual field work, our line of fence stretchers speeds up erection and saves time and energy.



### POSTS and POST DRIVERS

Steel posts of every description, from the new V-shaped dip, the studded-T, the punched-U, the lipped-U, to the old conventional punched angle. Furnished in all standard heights, prices and styles. Mid-States offers a complete selection.



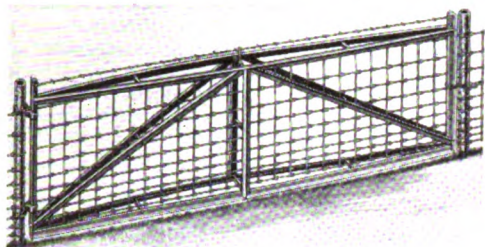
**MID-STATES STEEL & WIRE COMPANY**  
CRAWFORDSVILLE, INDIANA



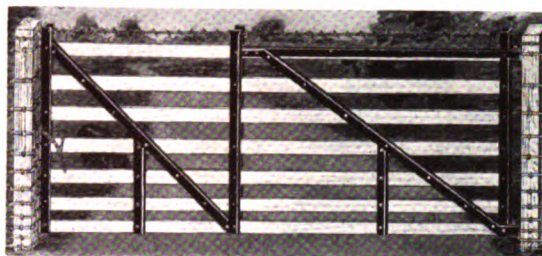
# MID-STATES

PATENTED

## "Galvannealed" Copper-Bearing



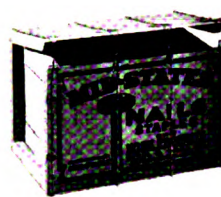
### GATES



Mid-States has a gate to fit any need—price—description or size. The line is headed by the greatest and most-talked-of Giant Never Sag All Steel Farm Gate, which, with its double frame and trussed steel construction, is built like a Cantilever bridge.

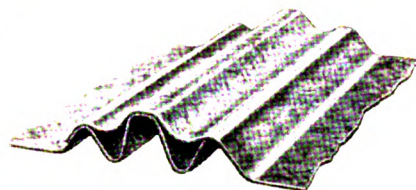
### NAILS and STAPLES

Mid-States Nails and Staples are made of Copper-Bearing Steel wire . . . uniform and well pointed . . . heads properly centered so they will not break off in use. The line includes all sizes and weights . . . common, finishing, casing, box, fine, fence, bright oval head clinch, slating, shingle, barbed and large head roofing . . . also a line of cement coated nails. Fence staples produced in both polished and "Galvannealed."



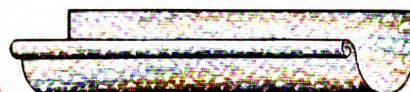
### SHEET METAL

Look into the Mid-States proposition . . . Here, you'll find corrugated roofing, crimp roofing—not those old outdated styles, but a new line that builders and contractors have helped design.



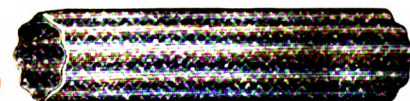
### EAVES

All made from best grade steel sheets—offered in five different styles.



### CONDUCTOR PIPE

In plain round or square corrugated style—will fit all standard make elbows—packed 250 feet to the crate.

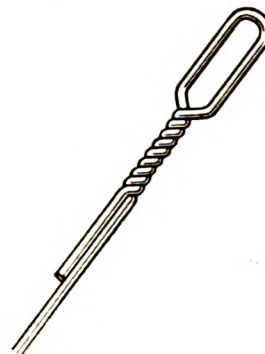


### BALE TIES

Made with a long loop, they thread into the baling machine quickly and easily. Every tie perfect and true to gauge. End of wire forming loop lies close to the shank and makes a smooth wrap. These ties are made of Copper-Bearing Steel, lead annealed by a special process which gives them added tensile strength.

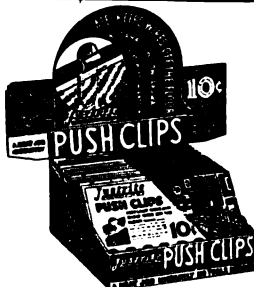
Tough in texture, they are pliable and work easily. Packed in tight bundles of 250. Standard lengths and gauges.

Packed in tight "Diamond Wrapped" bundles of 250 ties. Standard lengths and gauges.



**MID-STATES STEEL & WIRE COMPANY**  
CRAWFORDSVILLE, INDIANA

# FEATURE THESE FAMOUS JUSTRITE "Profit Boosters"



## PUSH CLIPS

Keep Wires Off Floor  
No Hooks—No Staples

Card of 8 sells for only 10¢. Nationally advertised. Guaranteed by Good Housekeeping as advertised therein. Popular colors furnished in attractive counter display carton.

## SPORTSMEN'S AND CAMPERS' LIGHTS



Electric Headlights

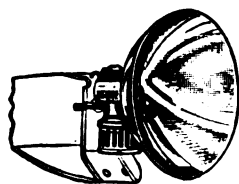
List Prices \$2.95 to \$3.95

Long Range Electric Lights  
Operate on Standard  
Dry Cells



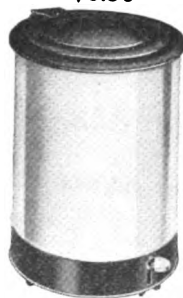
Electric Hand Lanterns

List Prices \$3.95 to \$4.95



Carbide Cap Lamps

List Prices \$1.20 to \$6.50



## SANITARY PAIL

Foot operated—all enclosed—with inner pail. Choice of color combinations. Sizes 12 Qt. to 30 Qt. List Prices \$4.00 to \$7.00.

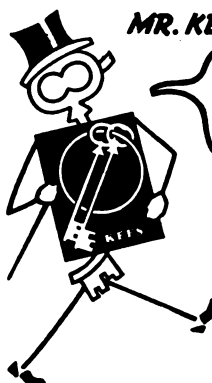
## SAFETY CANS AND OILY WASTE CANS

Approved and labeled by Underwriters' Laboratories, Inc. and Associated Factories Mutual Fire Insurance Companies. Safety Cans for handling inflammable liquids, sizes 1 Pint to 5 Gals. List Prices \$2.00 to \$5.50. Oily Waste Cans furnished with or without foot lever, sizes 6 Gal. to 40 Gal.—\$3.50 to \$13.00 List.



Ask Your Jobber for Your Liberal Discounts  
on Justrite Products or Write Us Today

**JUSTRITE MANUFACTURING CO.**  
2073 Southport Avenue  
Chicago, Ill.



MR. KEES SAYS:

"WRITE FOR A  
FREE SAMPLE  
OF ANYTHING I MAKE."

● In proof of the sales and profit possibilities in Kees Builders Hardware and Hardware Specialties, this one fact stands out. Thousands of dealers have been selling Kees products successfully for over 66 years. That is further evidence of the merit of the Kees trade mark. By sending for a Free sample of anything we make, you can convince yourself each product is designed to do the job better at lower cost in time and labor. Write today.

**KEES Gossett Hangers.** These Hangers have Guide flanges and large eyes which make it easier to hang Window Screens and Storm Windows than with any others.



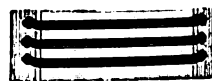
**KEES Offset Hangers.** Kees Offset Hangers are for screens or storm sash where the frame is not so thick as the casing and for frames that have little head-room. (Other patterns for half-length screens.)



**KEES Screen Corner Braces.** Kees Screen Corner Braces cut the cost of building screens and other light frames. Give rigid corner joints without mortising. Fit all thickness lumber.

## KEES Screen Door Guards

Adjustable push bars protect the wire cloth. Fit any door. Sell on sight.



## KEES Metal Siding Corners

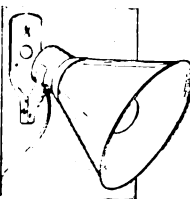
Give the effect of a mitred corner joint without slow, expensive fitting. For all widths of lap siding up to 12 in. and for the popular patterns of drop siding. Formed accurately. Take and hold paint like wood. Quickly and easily applied.

## KEES Original Hook Huskers

The first HOOK husker . . . and still the first today in popularity. Complete line. Thumb-Palm-Wrist styles.



**KEES Weaners** Safe, harmless but effective weaners for cows, calves, and yearlings. Easy to use because they gently snap on animal's nostrils.



## NEW KEES HANDI-LITE

Here's a brand new, popular priced yard light that has hundreds of uses about every home and farm. Comes completely wired with 5 ft. cord, ready to plug in anywhere, indoors or out. Adjustable bracket permits temporary hanging or permanent installation. Takes 100 or 150W bulb. All metal reflector, aluminum enamel finish. Porcelain socket. Write at once for full details, low prices.

## F. D. KEES MFG. CO.

Builders' Hardware — Hardware Specialties

Box K-60

BEATRICE, NEBRASKA

Distributed Thru the Wholesale Hardware Trade

Mention Hardware Age When Writing



**LATH, Wire**

Buffalo Wire Wks. Co., Inc., Buffalo, N. Y.  
Colorado Fuel & Iron Co., Denver, Colo.  
Gilbert & Bennett Mfg. Co., Blue Island, Ill.  
Koebling's (John A.) Sons Co., Trenton, N. J.  
"Jersey"  
Wickwire Bros., Cortland, N. Y.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
Wright (F. F.) Steel & Wire Co., Worcester, Mass.  
"Superior"

**LATHE ARBORS**—See Arbors, Chuck, Lathe

**LATHE CHUCKS**—See Chucks, Lathe

**LATHE DOGS**—See Dogs, Lathe

**LATHE HATCHETS**—See Hatchets, Forger Steel

**LATHE JACKS**—See Jacks, Planer

**LATHE TOOL HOLDERS**—See Holders, Tool, Lathe, Planer, Etc.

**LATHE TOOLS**—See Tools, Lathe

**LATHES, Portable, Homecraft**

Arade Mfg. Co., Freeport, Ill.  
Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich.  
"Atlas"  
Blount (J. G.) Co., Everett, Mass.  
Blue Star Products, Fairfield, Ia. "Blue Star"  
Boice-Crane Co., 1730 Norwood Av., Toledo, O.  
"Boice-Crane"  
Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. E.E., Chicago, Ill. "Handies"  
Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
Double A Products Co., Inc., Ann Arbor, Mich.  
Duro Metal Products Co., 2851-61 N. Kildare Av., Chicago, Ill.  
Heston & Anderson, Fairfield, Ia.  
Millers Falls Co., Greenfield, Mass.  
Oliver Machinery Co., Grand Rapids, Mich.  
Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"  
Schaer Machine Co., Cincinnati, O. "Ideal"  
Sheldon Machine Co., 3249 Cottage Grove Av., Chicago, Ill.  
South Bend Lathe Wks., South Bend, Ind. "Workshop"  
Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"  
Wallace (J. D.) & Co., 184 S. California Av., Chicago, Ill. "Workcase"  
Yates-American Machine Co., Beloit, Wis.  
**LAUNDRY BASKETS**—See Baskets, Laundry  
**LAUNDRY CLOTHES FORKS**—See Sticks, Wringer, Clothes  
**LAUNDRY MACHINERY**—See article desired  
**LAUNDRY STOVES**—See Stoves, Laundry  
**LAUNDRY TRAY FAUCETS**—See Faucets, Laundry Tray  
**LAUNDRY TUBS**—See Tubs, Laundry  
**LAUNDRY AND WASH SETS, Toy**—See Sets, Laundry and Wash, Toy  
**LAVA TIPS**—See Tips, Gas Burner

**LAVATORIES, Pedestal and Wall**

Abingdon Sanitary Mfg. Co., Abingdon, Ill.  
Alliance Porcelain Products Co., Alliance, O.  
Camden Pottery Co., Camden, N. J.  
Case (W. A.) & Son Mfg. Co., Buffalo, N. Y.  
Clow (James B.) & Son, Chicago, Ill.  
Eijer Co., Ford City, Pa.  
Ellwood Co., Ellwood City, Pa. "Blue Cross"  
Humphreys Mfg. Co., Mansfield, O. "Mirard"  
Kohler Co., Kohler, Wis.  
Kokomo Sanitary Pottery Corp., Kokomo, Ind.  
Smoot-Holman Co., 320 N. Inglewood Av., Inglewood, Cal. (Wall-Stamped Steel)  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
Trenton Potteries Co., Trenton, N. J.  
United States Sanitary Mfg. Co., Pittsburgh, Pa.  
Universal Sanitary Mfg. Co., New Castle, Pa.  
**LAVATORY BOLTS**—See Hardware, Lavatory  
**LAVATORY BRACKETS**—See Brackets, Lavatory  
**LAVATORY CLEANERS**—See Cleaners, Pipe Tools  
**LAVATORY DOOR INDICATOR BOLTS**—See Bolts, Indicator, Lavatory Door  
**LAVATORY DOOR LATCHES**—See Latches, Lavatory Door  
**LAVATORY FAUCETS**—See Cocks, Basin  
**LAVATORY HARDWARE**—See Hardware, Lavatory  
**LAWN BORDER**—See Borders, Flower Bed and Lawn  
**LAWN CHAIRS**—See Chairs, Lawn  
**LAWN CURBING**—See Curbing, Landscape  
**LAWN FAUCETS**—See Cocks, SHI  
**LAWN EDGERS**—See Edgers and Trimmers, Lawn  
**LAWN FENCE AND GATES**—See Fence and Gates, Lawn  
**LAWN FOUNTAINS**—See Fountains, Lawn and Garden  
**LAWN FURNITURE**—See Furniture, Beach, Lawn and Porch  
**LAWN AND GARDEN VITAMIN B<sub>1</sub>**—See Vitamin B<sub>1</sub>  
**LAWN GLIDERS**—See Gliders, Lawn, Porch, etc.  
**LAWN MOWER COMBS**—See Combs or Rakes, Lawn Mower  
**LAWN MOWER GRASS CATCHERS**—See Catchers, Grass, Lawn Mower

**LAWN MOWER GRINDERS**—See Grinders, Lawn Mower

**LAWN MOWER RACKS**—See Racks, Mower, Lawn

**LAWN MOWER RAKES**—See Combs or Rakes, Lawn Mower

**LAWN MOWER REPAIR CLAMPS**—See Clamps, Repair, Lawn Mower

**LAWN MOWER REPLACEMENT PARTS**—See Mowers, Lawn, Replacement Parts

**LAWN MOWER SHARPENERS**—See Sharpeners, Lawn Mower, Hand; also Sharpeners, Lawn Mower, Machine

**LAWN MOWER SHARPENING PASTES**—See Pastes, Sharpening, Lawn Mower

**LAWN MOWERS**—See Mowers, Lawn

**LAWN MOWERS, Hand, Sliding-Knife**—See Mowers, Lawn, Hand, Sliding-Knife

**LAWN PERFORATORS**—See Perforators, Lawn

**LAWN RAKES**—See Rakes, Garden or Lawn

**LAWN ROLLERS**—See Rollers, Lawn

**LAWN SEED**—See Seed, Lawn

**LAWN SETTEES**—See Furniture, Garden, Lawn and Porch

**LAWN SIGNS**—See Signs, Lawn

**LAWN SPRINKLERS**—See Sprinklers, Lawn

**LAWN SWEEPERS**—See Sweepers, Lawn

**LAWN SWINGS**—See Swings, Lawn

**LAWN TENNIS**—See Tennis

**LAWN TRIMMERS**—See Edgers and Trimmers, Lawn

**LAWN UMBRELLAS**—See Umbrellas, Beach, Lawn, Wagon, Etc.

**LAWN VASES**—See Vases, Lawn

**LAWN WEEDERS**—See Weeders, Garden and Lawn

**LAWN WICKETS**—See Wickets, Lawn

**LEAD, Antimonial**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn, N. Y.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., Bklyn., N. Y.  
National Lead Co., 111 B'way, New York, N. Y.

**LEAD ARSENATE**

Chipman Chemical Co., Inc., Bound Brook, N. J.  
Dow Chemical Co., Midland, Mich.  
General Chemical Co., 40 Rector, New York, N. Y.  
"Orchard Brand"  
Goulard & Olenka, Inc., 140 Liberty, New York, N. Y.  
Grasselli Chemicals Dept. du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Grasselli"  
Niagara Sprayer & Chemical Co., Middleport, N. Y.  
Pittsburgh Plate Glass Co., Corona Chemical Div., Milwaukee, Wis.  
Sherwin-Williams Co., Cleveland, O.  
Standard Chemical Wks., Inc., Reading, Pa.  
**LEAD BANDS**—See Traps and Bands, Lead  
**LEAD BARS**—See Bars, Lead

**LEAD, Caulking**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn, N. Y.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., Bklyn., N. Y.  
National Lead Co., 111 B'way, New York, N. Y.  
**LEAD FLASHING**—See Flashing, Lead  
**LEAD GASKETS**—See Gaskets, Lead

**LEAD GOODS, Plumbers'**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn, N. Y.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., Bklyn., N. Y.  
Eagle-Picher Lead Co., Cincinnati, O.  
National Lead Co., 111 B'way, New York, N. Y.  
**LEAD HAMMER MOLDS**—See Molds, Hammer, Soft Metal  
**LEAD HEADED NAILS**—See Nails, Lead Headed  
**LEAD JOINT RUNNERS**—See Runners, Joint

**LEAD, Pig**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn, N. Y.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., Bklyn., N. Y.  
Eagle-Picher Lead Co., Cincinnati, O.  
National Lead Co., 111 B'way, New York, N. Y.  
**LEAD PIPE**—See Pipe, Lead

**LEAD, Red**

Eagle-Picher Lead Co., Cincinnati, O.  
Evans Lead Co., Charleston, W. Va.  
Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Glidden"  
Hammond Lead Products, Inc., Hammond, Ind.  
MacGregor (John R.) Lead Co., 4620 W. 15th, Chicago, Ill.  
Metals Refining Div. of Glidden Co., Hammond, Ind.  
National Lead Co., 111 B'way, New York, N. Y.  
"Carter," "Dutch Boy"  
Sherwin-Williams Co., Cleveland, O.  
Wetherill & Bro., Inc., Chestnut & Juniper, Phila., Pa.

**LEAD SEALS**—See Seals, Lead

**LEAD, Sheet**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn, N. Y.  
American Lead Co., Pittsburgh, Pa.  
American Smelting & Refining Co., San Francisco, Cal.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., Bklyn., N. Y.  
Clendenin Bros., Inc., 110 South, Baltimore, Md.  
Eagle-Picher Lead Co., Cincinnati, O.  
Lewis (John T.) & Bros. Co., Phila., Pa.  
National Lead Co., 111 B'way, New York, N. Y.  
**LEAD SHOT**—See Shot, Lead  
**LEAD SOLDIERS**—See Soldiers, Toy  
**LEAD TRAPS**—See Traps and Bands, Lead  
**LEAD WASHERS**—See Washers, Lead

**LEAD, White**

(See also Paints)  
Acme White Lead & Color Wks., Detroit, Mich.  
Adams & Eltinge Co., Chicago, Ill.  
Cambria Paint & Color Co., Johnstown, Pa.  
Detroit White Lead Wks., Detroit, Mich.  
Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Du Pont"  
Eagle-Picher Lead Co., Cincinnati, O. "Sublime"  
Euston Lead Co., Scranton, Pa.  
Fuller (W. P.) & Co., Inc., San Francisco, Cal.  
Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Euston"  
Hammer Bros. White Lead Co., East St. Louis, Ill.  
Inland White Lead Co., Chicago, Ill.  
International Smelting & Refining Co., Pigment Div., East Chicago, Ind. "Anaconda"  
Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
National Lead Co., 111 B'way, New York, N. Y.  
"Carter," "Dutch Boy"  
Sherwin-Williams Co., Cleveland, O.  
Wetherill & Bro., Inc., Chestnut & Juniper, Phila., Pa.  
**LEAD WOOL**—See Wool, Lead

**LEADERS, Cattle**

(See also Stalls, Bull, Leading)  
Imperial Bit & Snap Co., Racine, Wis.  
Leavitt Mfg. Co., Urbana, Ill.  
Pratt (Wm. E.) Mfg. Co., Joliet, Ill. "Perfect"  
Sargent & Co., New Haven, Conn.  
Scully, Jas., Pomeroy, Pa. "Keystone"  
Smith (Seymour) & Son, Inc., Oakville, Conn. "Walton"  
Wagner Specialty Co., Burlington, Wis. "Kow Tow"

**LEADERS, Fishing**

"A-B-C" Bait & Mfg. Co., 433 Bates, Detroit, Mich.  
"A-B-C"  
Bevin-Wilcox Line Co., East Hampton, Conn. "Pilot"  
Enterprise Mfg. Co., Dept. HA, Akron, O. "Adriatic Gut," "Buster," "Flashspin," "Formost," "Gold Medal," "Gut-Trolling," "Muskibass," "Never-Break," "Pfeuger Bull Dog," "Premium," "Reli," "Standard," "Superior," "Wondora"  
Frost (G. W.) & Sons, Stevens Point, Wis. "Angler," "Expert," "Frost 66," "Pointer," "Supreme," "Supreme De Luxe"  
Hildebrand (J. J.) Co., Logansport, Ind. "Not-A-Knot"  
Horrocks-Ibbotson Co., Dept. S, Utica, N. Y.  
Huntington (L. B.) Co., 116 Hollingsworth, Baltimore, Md. "Drone"  
Kewell (Chas. H.) Co., San Francisco, Cal.  
Malin & Co., 2514 Vestry Av., Cleveland, O. "Silverbrite," "Wistabrite"  
Mills (Wm.) & Son, 21 Park Pl., New York, N. Y.  
Montague Rod & Reel Co., Montague City, Mass.  
South Bend Bait Co., South Bend, Ind.  
Weber Lifelike Fly Co., Stevens Point, Wis. "Tiedrite"  
Wright & McGill Co., Denver, Colo.

**LEAD-INS, Antenna, Radio**

Ajax Electric Co., Cambridge, Mass. "Leak Proof"  
Birnbach Radio Co., Inc., 145 Hudson, New York, N. Y.  
Brach (L. S.) Mfg. Co., 129 Sussex Av., Newark, N. J.  
Consolidated Wire & Associated Corp., Chicago, Ill.  
Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn, N. Y.  
Fleron (M. M.) & Son, Inc., Trenton, N. J.  
Porcelain Products, Inc., Findlay, O.  
Roebing's (John A.) Sons Co., Trenton, N. J.  
Swan-Haverstick, Inc., Trenton, N. J.  
Woodruff & Company, Meriden, Miss. "Super-Tard"  
**LEAD-LINED PIPES**—See Pipes, Lead-Lined  
**LEAD-LINED VALVES**—See Valves, Lead-Lined  
**LEAD PENCILS**—See Pencils

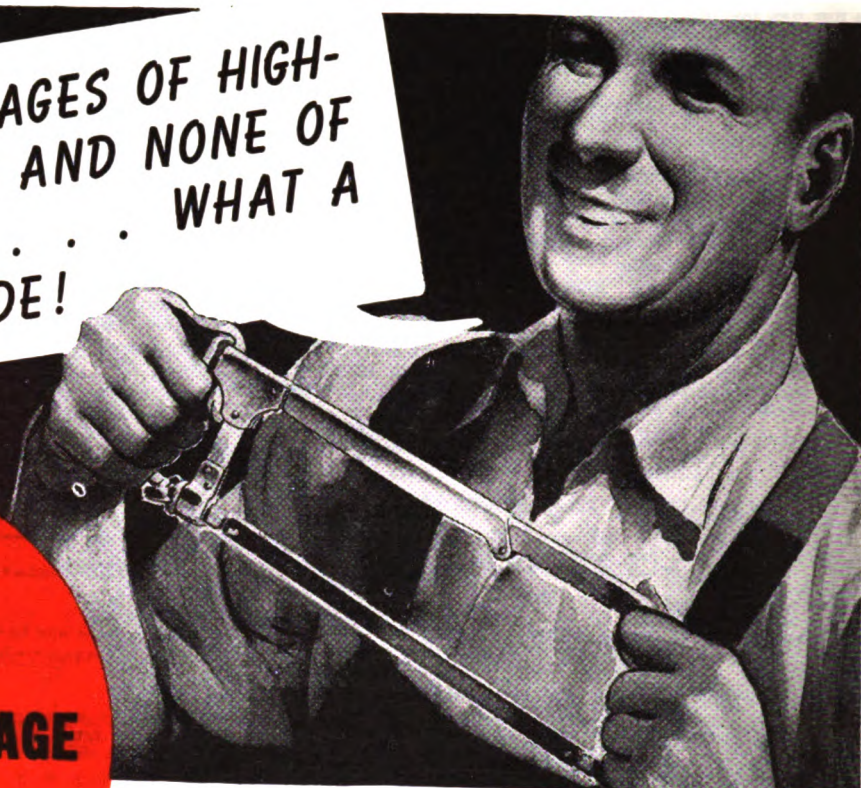
**LEADS, Dog**

American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
Baltimore Leather Goods Co., Baltimore, Md.  
Brauer Bros., Inc., St. Louis, Mo.  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
Craftsman Leather Specialty Co., Dayton, O.  
Decker (J. C.), Inc., Montgomery, Pa.  
Empire Dog Funnelling Corp., 172 Greene, New York, N. Y.  
Graton & Knight Co., Worcester, Mass.



ALL THE ADVANTAGES OF HIGH-SPEED CUTTING AND NONE OF THE HAZARDS . . . WHAT A HACKSAW BLADE!

**ELIMINATE  
WASTE  
THROUGH BREAKAGE  
AND SAVE UP TO  
30%**



## FLEXIBLE REZISTOR

Special-Alloy High-Speed Steel Hacksaw Blade

## WON'T BREAK IN A FRAME



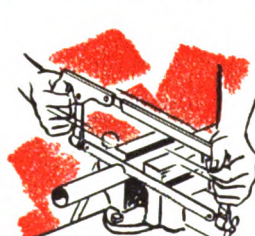
### NO MORE BREAKAGE

The Flexible REZISTOR is made entirely of special-alloy, high-speed steel, but only the cutting edge is hardened. That is why the Flexible REZISTOR stands up under conditions that result in breakage as high as 4 out of 12 brittle, all-hard blades in the average shop.



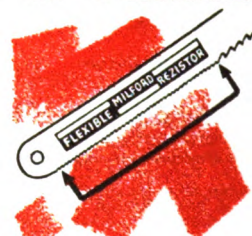
### ONE BLADE FOR EVERY TRADE

Every sawing operation in the plant can now have the advantage of high-speed cutting. Bench workers, maintenance men, electricians, plumbers, garage mechanics, toolmakers and unskilled workers can use Flexible REZISTOR without waste of blades or time.



### CUTS FASTER— SAVES TIME

With the Flexible REZISTOR cutting can be speeded up in the toughest materials such as stainless steel and bronze. Bear down all you like and take full advantage of the free-cutting REZISTOR high-speed steel.



### EASY-STARTING TEETH

With these fine milled teeth at the forward end of the blade, the cut can be started with ease at any angle, under any cutting condition, and smooth action and a full stroke is the result. All Milford hand blades have Easy-Starting Teeth—an exclusive Milford feature.

SEND FOR THIS FREE HELPFUL BOOKLET →

It tells how to choose and use hacksaw blades, and explains labor saving methods employed by master craftsmen . . . 20 pages, illustrated.

THE HENRY G. THOMPSON & SON CO.

MILL STREET,  
NEW HAVEN, CONN.

# MILFORD

## HAND AND POWER HACKSAW BLADES — BANDSAW BLADES

Mention Hardware Age When Writing





**LEADS, Dog (Continued)**

Improved Mfg. Co., 58 Montgomery, Jersey City, N. J.  
 Lefkowitz (Louis) & Bros., Inc., 25 Water, New Brunswick, N. J.  
 Montauk Leather Specialty Co., 3 W. 19th, New York, N. Y.  
 Ney Mfg. Co., Canton, O.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Pine, Geo. D., 89 Chambers, New York, N. Y.  
 Russell Mfg. Co., Middletown, Conn.  
 Schaefer, A. W., 323 St. Nicholas Av., Bklyn., N. Y.  
 Smith-Worthington Saddlery Co., Hartford, Conn.  
 Standard Belt Co., Chelsea, Mass.  
 Stevens (W. B.) & Son, 155 W. B'way, New York, N. Y.  
 Weider (John A.) & Son, Inc., Rochester, N. Y.  
 Wilson, Wm. A., 50 Warren, New York, N. Y.  
 Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**LEADS, Net**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn., N. Y.  
 National Lead Co., 111 B'way, New York, N. Y.

**LEAF BASKETS**—See Baskets, Leaf

**LEATHER APRONS**—See Aprons, Leather

**LEATHER, Artificial**

Apex Coated Fabrics Co., Inc., 16 E. 22nd, New York, N. Y. "Apex"

**LEATHER BELTING**—See Belting, Leather

**LEATHER CASES**—See Cases, Comb, Nail File, Etc.

**LEATHER CHAIR SEATS**—See Seats, Chair, Fibre and Leather

**LEATHERCRAFT TOOLS**—See Tools, Leathercraft

**LEATHER CRAYONS**—See Crayons, Leather

**LEATHER DISPLAY ASSORTMENTS**—See Assortments, Leather, Display

**LEATHER DRESSINGS**—See Dressings, Leather, Waterproof

**LEATHER FILLET**—See Fillet, Leather

**LEATHER GASKETS**—See Gaskets, Leather

**LEATHER GLOVES**—See Gloves and Mittens, Canvas, Cotton, Leather, etc.

**LEATHER HAND PADS**—See Pads, Hand, Leather

**LEATHER HEELS**—See Soles and Heels, Leather

**LEATHER HORSE SHOE PADS**—See Pads, Horse Shoe, Leather

**LEATHER, Imitation**

Apex Coated Fabrics Co., Inc., 16 E. 22nd, New York, N. Y. "Apex"

**LEATHER LEGGINGS**—See Leggings, Leather

**LEATHER PACKING**—See Packing, Leather

**LEATHER PRESERVERS**—See Preservers, Metal, Wood, Leather, Etc.

**LEATHER PUMP BUCKETS**—See Buckets, Pump, Leather

**LEATHER PUNCHES**—See Punches, Belt and Saddlers'

**LEATHER SOLE STRIPS**—See Strips, Leather, Sole

**LEATHER SOLE TOP LIFTS**—See Lifts, Top, Leather, Sole

**LEATHER SOLES**—See Soles and Heels, Leather

**LEATHER STRAPS**—See Straps, Leather

**LEATHER VALVES**—See Valves, Leather

**LEATHER WASHERS**—See Washers, Leather

**LEATHER WATERPROOF DRESSINGS**—See Dressings, Leather, Waterproof

**LEATHER WRIST BANDS**—See Bands, Wrist, Leather

**LEATHERS, Mechanical**

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Excelsior Leather Washer Mfg. Co., Rockford, Ill.  
 "X. L."  
 Schieren (Chas. A.) & Co., 30 Ferry, New York, N. Y.

**LEATHERS, Pump**

Auburn Mfg. Co., Middletown, Conn.  
 Chicago Belting Co., 121 N. Green, Chicago, Ill.  
 "Black Polish," "Special," "Sterling"  
 Excelsior Leather Washer Mfg. Co., Rockford, Ill.  
 "X. L."  
 Graton & Knight Co., Worcester, Mass.  
 Hess & Hopkins Leather Co., Rockford, Ill. "Honest Leather"  
 Houghton (E. F.) & Co., Phila., Pa. "Vim"  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Norwich Belt Mfg. Co., Norwich, Conn.  
 Nott (W. S.) Co., 201 N. 3rd, Minneapolis, Minn.  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Schieren (Chas. A.) & Co., 30 Ferry, New York, N. Y. "Casco"  
 Simplex Mfg. Co., Auburn, N. Y. "Long Wear."  
 "Simplex," "Standard"  
 Williams (L. B.) & Sons, Dover, N. H.

**LEATHERS, Washing and Polishing**

Pigro Leather Co., 15 E. 9th Av., Gloversville, N. Y.  
**LEG BANDS, Poultry**—See Bands, Leg, Poultry  
**LEG GUARDS**—See Guards, Leg

**LEG IRONS**—See Handcuffs, Twisters, Leg Irons, Etc.

**LEGGINGS, Canvas**

Hagerstown Shoe & Luggage Co., Hagerstown, Md.  
 Red Head Brand Co., Chicago, Ill.  
 Utica-Duxbak Corp., Utica, N. Y.

**LEGGINGS, Leather**

Brauer Bros., Inc., St. Louis, Mo.  
 Colt-Cromwell Co., Inc., Stoughton, Mass.  
 Hagerstown Shoe & Luggage Co., Hagerstown, Md.  
 Smith-Worthington Co., Hartford, Conn.  
 Southern Saddlery Co., Inc., Chattanooga, Tenn.  
 Stratton-Warren Hdw. Co., Memphis, Tenn. "Elk"  
 Williams Mfg. Co., Portsmouth, O.  
 Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**LEGS, Bench**

Bossert Corp., Utica, N. Y.  
 Chicago Hdw. Foundry Co., N. Chicago, Ill.  
 Cleveland Wire Spring Co., Cleveland, O.  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Kalamasoo Steel Goods Co., Kalamasoo, Mich.  
 Manufacturing Equipment & Engineering Co., Framingham, Mass.  
 New Britain Mach. Co., New Britain, Conn.  
 Standard Pressed Steel Co., Jenkintown, Pa.

**LEGS, Table, Folding**

Wagner Mfg. Co., Cedar Falls, Ia.

**LEMON SQUEEZERS**—See Squeezers, Lemon

**LETTERS, Bicycle**

Monograms, Inc., 1111 Power Av., Cleveland, O.  
 "Bike-O-Nitals"

**LETTERS, CELLULOID**—See Numbers and Letters, Celluloid

**LETTERS, Luminous**—See Numbers and Letters, Luminous

**LETTERS, Metal**—See Numbers and Letters, Metal

**LETTERS, Sign**

Cambridge Tile Mfg. Co., Covington, Ky. "Ever-brite" (Tile)  
 Erco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.  
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.  
 Knight (H. W.) & Son, Seneca Falls, N. Y.  
 Marbelite Co., Wallingford, Conn. "Marbelite" (Embossed)  
 Premax Products Div. Chisholm-Ryder Co., Inc., 9000 College Av., Niagara Falls, N. Y. "Premax"  
 Turner Brass Wks., Sycamore, Ill.

**LETTERS and FIGURES, Steel Stamping**

Baker (H.) & Co., 101 Duane, New York, N. Y.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Cunningham (M. E.) Co., 245 E. Carson, Pittsburgh, Pa.  
 Dickey Grabler Co., Cleveland, O.  
 Greenfield Steel Stamp Wks., Greenfield, Mass.  
 Hoggson & Pettis Mfg. Co., New Haven, Conn.  
 Knight (H. W.) & Son, Seneca Falls, N. Y.  
 Millers Falls Co., Greenfield, Mass.  
 New York Stencil Wks., 221 Fulton, New York, N. Y. "Best Brand"  
 Noble & Westbrook Mfg. Co., E. Hartford, Conn.  
 Spencer (S. M.) Mfg. Co., 3 Cornhill, Boston, Mass.  
 "Arrow S"  
 Stafford (N.) Co., 53rd and 1st Av., Bklyn., N. Y.  
 U. S. Hdw. & Mfg. Co., Pawtucket, R. I.

**LETTERS and NUMBERS, Reflector**

Kajo Novelty Co., 839 Sixth Av., New York, N. Y.  
 Reflecto Letters, Inc., 110 W. 27th, New York, N. Y.

**LEVEL GLASSES, SPIRIT**—See Glasses, Spirit Level

**LEVEL SIGHTS**—See Sights, Level

**LEVELS**

American Level Mfg. Co., 7742 Walbridge, Detroit, Mich. "American"  
 Bostrom-Brady Mfg. Co., 516 Stonewall, Atlanta, Ga.  
 Central Hdw. Co., Phila., Pa.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Eden Level Corp., 12 Warren, New York, N. Y. "Eden," "Roe"  
 Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
 Exact Level & Tool Mfg. Co., Inc., High Bridge, N. J. "High Bridge"  
 Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
 Industrial Factors Corp., Watertown, N. Y. "Davis"  
 Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Peerless Level & Tool Co., Sterling, Ill.  
 Putnam Mach. Co., Fitchburg, Mass.  
 Sand's Level & Tool Co., 8629 Gratiot Av., Detroit, Mich. "Sand's"  
 Stanley Tools Div., Stanley Works, New Britain, Conn.  
 Starrett (L. S.) Co., Athol, Mass. "Master"  
 Velandor, Otto A., 3169 N. Clark, Chicago, Ill. "Chicago"

**LEVELS, Bit and Square**

Stanley Tools Div., Stanley Works, New Britain, Conn.

**LEVELS, Farm**

Bostrom-Brady Mfg. Co., 516 Stonewall, Atlanta, Ga.  
 Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
 Starrett (L. S.) Co., Athol, Mass.  
 White (David) Co., Inc., 315 W. Court, Milwaukee, Wis.

**LEVELS and GAUGES, Track**

Aldon Co., 333 S. Ravenswood Av., Chicago, Ill.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Tallman Mfg. Co., Shelbyville, Ill. "Standard"  
 Track Specialties Co., Inc., 1775 B'way, New York, N. Y. "Trasco"  
 Woodings-Verona Tool Wks., Verona, Pa.

**LEVELS, Pocket**

American Level Mfg. Co., 7742 Walbridge, Detroit, Mich. "American"  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
 Exact Level & Tool Mfg. Co., Inc., High Bridge, N. J. "Correct"  
 Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
 Hall Level & Mfg. Co., 165 Bennett, Geneva, O.  
 Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Peerless Level & Tool Co., Sterling, Ill.  
 Sand's Level & Tool Co., 8629 Gratiot Av., Detroit, Mich. "Sand's-Stevens"  
 Stanley Tools Div., Stanley Works, New Britain, Conn.  
 Starrett (L. S.) Co., Athol, Mass.  
**LEVELS SQUARE**—See Levels, Bit and Square  
**LICENSE PLATE FASTENERS**—See Fasteners, License Plate  
**LIFE PRESERVER CUSHIONS**—See Cushions, Life Preserver  
**LIFE PRESERVERS**—See Preservers, Life  
**LIFTERS, CAN, GROCERS' SHELF**—See Ratchets or Lenzarma

**LIFTERS, Cooking Utensil**

Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
 Darling's Sheet Metal Works, Walton, N. Y. "Perfection"  
 Little Gem Mfg. Co., Wirt, O. (Oven Scoop)  
 Mayvin Mfg. Co., Medina, N. Y.  
 Ritzenthaler, John, 73 Franklin, New York, N. Y.  
 Ru-Met Mfg. Co., 6853 B'way, Cleveland, O. "Pan-handler"  
 United Sales & Mfg. Corp., 1831 N. W. 23rd Place, Portland, Ore. "Capitite," "Griptite"  
 Washburn Company, Worcester, Mass.

**LIFTERS, Jar**

Central West Products Co., Niobrara, Nebr. "Bonge"  
 Hamblin & Russell Mfg. Co., Worcester, Mass. "Hold-Fast"  
 Kerr Glass Mfg. Corp., Sand Springs, Okla. "Economy"  
 Lincoln-Ray Mfg. Co., Inc., Springfield, Mass. "Grip-Tite"  
 Marshalltown Mfg. Co., Marshalltown, Ia. "Saftcey"  
 Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad Av., Newark, N. J.  
 Stockland Specialty Mfg. Co., Minneapolis, Minn.  
 United Sales & Mfg. Corp., 1831 N. W. 23rd Pl., Portland, Ore. "Griptite"  
 Washburn Company, Worcester, Mass. "Liberty"  
 Yeoman-Hoag Co., Monticello, La.

**LIFTERS, Milk Cap**

Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Dairy"

**LIFTERS, Sod**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Union Fork & Hoe Co., Columbus, O. "Union"

**LIFTERS, Stove Lid**

Adams Co., Dubuque, Ia.  
 Arcade Mfg. Co., Freeport, Ill.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Fanner Mfg. Co., Cleveland, O. "Arctic"  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Hamblin & Russell Mfg. Co., Worcester, Mass. "Crown," "Grip"  
 Hills, Edwin, Plainville, Conn.  
 Phillips & Butteroff Mfg. Co., Nashville, Tenn.  
 Racine Iron & Wire Wks., Racine, Wis.  
 Ritch & Pidge Mfg. Co., Fultonville, N. Y. "Never-Slip"  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Washburn Company, Worcester, Mass. "Eclipse"  
 Williams (A. C.) Co., Ravenna, O.  
 Wrightsville Hardware Co., Wrightsville, Pa.  
**LIFTERS, Transom**—See Lifts, Transom

# PREMAX

When planning your 1941 lines, get the new Premax Bulletins, ready October 1st, illustrating the new numbers for next season as well as the "BEST SELLERS" of the present season. Premax Products have the quality and sales appeal that attracts new customers to your store—and they have the profit that makes you happy!

Low in Price—High in Quality

## Steel Fish Rods

For 1941, Premax plans new numbers in the famous line that has doubled in volume during the season just closing. Every rod is of hi-carbon, oil-tempered steel—and the line starts as low as a 25¢ list price.

Stamped and Embossed

## Letters & Figures

The popular PREMAX ASSORTMENTS of Stamped and Embossed Brass and Aluminum Letters and Figures are standard everywhere. Available in sizes from ½-inch to 6 inches in height. A real extra profit item everywhere!

The Two Outstanding

## Lawn Sprinklers

The outstanding "FLOATING HEAD" SPRINKLER for those who want real quality—and the little Red Head "TURBINE SPRINKLER" for volume sales at a price under a dollar. Get the bulletins and samples—you need these items!

See The Premax Line For 1941

Send today for the new Premax Bulletins which will be ready soon. They describe these fast selling lines which yield a good profit to both jobber and dealer.

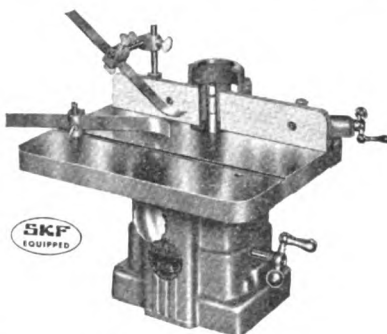
**Premax Products**  
Division of Chisholm-Ryder Co., Inc.

4084 Highland Ave., Niagara Falls, N. Y.

## AMERICA'S NEW SUPER-VALUE LINE POWER ★ KING ★ WOODWORKING TOOLS

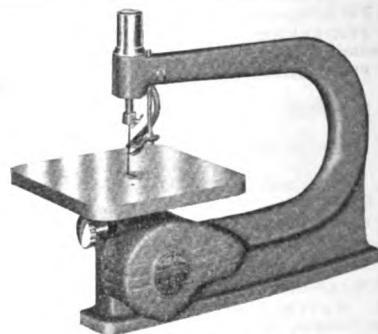
Look at these tools—their specifications—their prices! Modern mechanized production makes them possible. Think of their appeal to the home craftsmen and small shop owners who buy from you. Hardware dealers everywhere are predicting these values will be the sensation of the 1940-41 selling season. Write for complete details today.

**POWER KING TOOL CORPORATION**  
706 E. Market St., Warsaw, Indiana



**SPINDLE SHAPER**

This No. 400 Ball Bearing Spindle Shaper is typical of Power King values. It has a unique table design with height adjustment, takes cutters with 5/16" or ½" hole for all kinds of edging operations—planes, sands, yet lists at \$16.75 less motor.



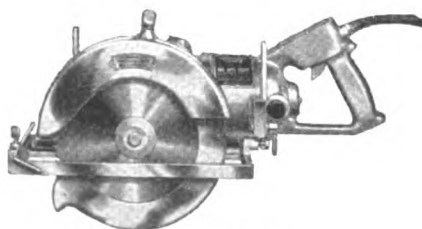
**15" JIG SAW**

The key to successful jig saw engineering is accurate smooth blade operation supported rigidly by a massive main casting. The new Power King is such a jig saw. Takes 2" cuts, sabre cuts, bevels. Retail for only \$14.95 less motor.



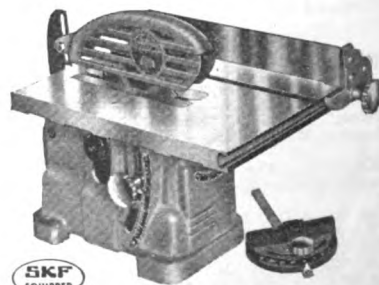
**JOINTER-PLANNER**

Handles edging, facing, rabbetting, bevelling to perfection. Cuts 4½" wide, 5/16" deep. Tables 23" overall, fence tilts 45° both ways. \$19.95 less motor.



**MULTISAWS**

Speed, power, smooth operation, and safety have all been carefully engineered in this PK Multisaw. Lists \$75 for 6" dia. saw blade, \$145 for 11".



**TABLE SAWS**

Now you can sell a ball bearing saw at a popular price. These new Power King saws have dozens of modern construction features. 7" and 8" sizes—table tilts to 45°. List at only \$14.95 and \$22.50 less motor.

Mention Hardware Age When Writing



**LIFTERS, Valve, Automobile**

Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
 "Bull Pup," "Fay-on-Rite"  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Ideal Clamp Mfg. Co., 200 Bradford, Bklyn, N. Y.  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill.  
 K. D. Mfg. Co., Lancaster, Pa.  
 Vichek Tool Co., 3006 E. 87th, Cleveland, O.  
 Wald Mfg. Co., Inc., Maysville, Ky.  
**LIFTS, Ash—See Helists, Ash**  
**LIFTS, Basement—See Lifts, Fuel and Basement**

**LIFTS, Correspondence**

Energy Elevator Co., 217 New, Phila., Pa.  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.

**LIFTE, Fuel and Basement**

Energy Elevator Co., 217 New, Phila., Pa.  
 Sedgwick Mach. Wks., 160 W. 15th, New York, N. Y.  
 Sidney Elevator Mfg. Co., Sidney, O.  
**LIFTS, Invalid—See Elevators, Invalid**

**LIFTS, Sash**

Acorn Mfg. Co., Inc., New Haven, Conn. "Rist-O-Krat"  
 Alto Mfg. Co., Chicago, Ill.  
 American Brass Goods Co., Grand Rapids, Mich.  
 Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Champion Hardware Co., Geneva, O.  
 City Plating & Mfg. Co., St. Louis, Mo.  
 Clinton Lock Co., Clinton, Ia.  
 Colonial Bronze Co., Fairmont Av., Torrington, Conn.  
 Corbin, P. & F., New Britain, Conn.  
 Dent Hardware Co., Fullerton, Pa.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Frantz Mfg. Co., Sterling, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Ives (H. B.) Co., New Haven, Conn.  
 Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
 Lafayette Metal Products Co., 2416 San Pablo Av., Oakland, Cal.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Lock Co., Rockford, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Penn Hardware Corp., Reading, Pa.  
 Reading Hardware Corp., Reading, Pa.  
 Rosland Mfg. Co., Railroad Av., Milford, Conn.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Shelby Metal Products Co., Shelby, O.  
 Shelby Spring Hinge Co., Shelby, O.  
 Skillman Hdw. Mfg. Co., Trenton, N. J.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Stanley Wks., New Britain, Conn.  
 Washburn Company, Worcester, Mass.  
 Weber-Knapp Co., Jamestown, N. Y.  
 Willis (E. J.) Co., 81 Chambers, New York, N. Y. "Wilco"  
 Wrightville Hdw. Co., Wrightville, Pa.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**LIFTS, Skylight**

Bohem Mfg. Co., Phila., Pa.  
 Corbin, P. & F., New Britain, Conn.  
 Danzer Metal Wks., Hagerstown, Md.  
 Eagle Brass Foundry Co., Seattle, Wash.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**LIFTS AND TAPS—See Soles and Heels****LIFTS, Top, Leather, Sole**

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Karno (L.) & Co., 721 W. 18th, Chicago, Ill.  
 Wilder & Company, 1088 N. Crosby, Chicago, Ill.

**LIFTS, Transom**

Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Guilborg (John S.) Mfg. Co., 4313 Ravenswood Av., Chicago, Ill. "Safeguard," "Sterling"  
 Ormsby (E. A.) & Sons, Melrose, Mass.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill. "Simplex"  
 Penn Hardware Co., Reading, Pa.  
 Reading Hdw. Corp., Reading, Pa.  
 Rixon (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.

Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
 Sargent & Co., New Haven, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.  
**LIFTS, Trunk—See Lifts, Fuel and Basement**  
**LIGHT MATERIAL CONVEYORS—See Conveyors, Light Material**

**LIGHTERS, Cigarette and Cigar, Electric**

Casco Products Corp., Bridgeport, Conn.  
 Chicago Flexible Shaft Co., Chicago, Ill. "Sunbeam Smokemaster"  
 Circle F. Mfg. Co., Trenton, N. J. "Quick-Lite"  
 Cowles (C.) & Co., New Haven, Conn.  
 Cuno Eng'g Corp., Meriden, Conn.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn, N. Y.  
 Electric Automatic Cigar Lighter Co., 542 W. 27th, New York, N. Y. "Cig-R-Lite"  
 Mabey Electric & Mfg. Co., Peoria, Ill. "Century"  
 Marks Products Co., Inc., 84 N. 9th, Bklyn, N. Y. "Snapit"  
 Masterbilt Products Corp., 212 Fifth Av., New York, N. Y. "Masterbilt"  
 Remo Corp., Meriden, Conn. "Remoliter"  
 Telemotor Corp., 260 Fifth Av., New York, N. Y.  
 U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y.

**LIGHTERS, Fire**

American Windshield & Specialty Co., 442 Boston Post Rd., Milford, Conn. "Puritan"  
 Cape Cod Shop, 210 Lincoln, Boston, Mass. "Cape Cod"  
 Centre Brass Works, Inc., 72 Spring, New York, N. Y.  
 Colonial Brass Co., Middleboro, Mass.  
 Cutter Mfg. Co., 12 Ames, Cambridge, Mass.  
 Howes (S. M.) & Co., Boston, Mass. "Mayflower"  
 Newton Mfg. Co., 144 Moody, Waltham, Mass. "Kwicklighters"  
 Wayne Agricultural Works, Inc., Goldsboro, N. C.

**LIGHTERS, Furnace, Gas**

Thomas Products Co., 15473 Indiana Av., Detroit, Mich. "Portable"

**LIGHTERS, Fuse**

Ensign-Bickford Co., Simsbury, Conn.

**LIGHTERS, Gas**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 Gordon Mfg. Co., 110 E. 28d, New York, N. Y.  
 Houchin (Thos. W.) Corp., 9 McPherson Pl., Jersey City, N. J.  
 New Method Mfg. Co., Bradford, Pa. "Magic"  
 New Process Metal Corp., 46 Center, Newark, N. J. "Liberty" (Wire)  
 Safety Gas Lighter Co., Lynn, Mass.  
 Shoot-A-Lite Corp., 118 E. 28th, New York, N. Y.

**LIGHTERS, Oil Burner, Electric**

Anderson Products, Inc., Cambridge, Mass.

**LIGHTING PLANTS, Farm**

Allis-Chalmers Mfg. Co. (West Allis), Milwaukee, Wis.  
 Automatic Electrical Devices Co., Cincinnati, O. "All-Purpose"  
 Briggs & Stratton Corp., 2711 N. 13th, Milwaukee, Wis. "Basco"  
 Chambers Mfg. Co., Butler, Pa.  
 Continental Motors Corp., 12801 E. Jefferson Av., Detroit, Mich. "Tiny-Tim"  
 Cushman Motor Wks., Lincoln, Neb.  
 Delco Appliance Div., General Motors Sales Corp., 425 Lyell Av., Rochester, N. Y. "Delco-Light"  
 Dodge (H. C.), Inc., Boston, Mass. "D-Light"  
 Electro Products Corp., Hillsdale, Mich. "Silent Alamo"  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Home Light"  
 Homelite Corp., Port Chester, N. Y.  
 Honeycutt Battery Corp., Kansas City, Mo.  
 Jacobs Wind Electric Co., Inc., 2111 Wash. Av., N. Minneapolis, Minn. "Jacobs"  
 Johnson Motors Div. Outboard Marine & Mfg. Co., 1820 Pershing Rd., Waukegan, Ill. "Iron Horse"  
 Kato Engineering Co., 115 Elm, Mankato, Minn.  
 Kohler Co., Kohler, Wis.  
 Langstadt-Meyer Co., Appleton, Wis.  
 Midco Mfg. & Distributing Co., Inc., South 13th & Kentucky Av., Sheboygan, Wis. "Midco"  
 Midget Motors Corp., Kearney, Neb.  
 Nelson Bros. Co., Saginaw, Mich. "Nelson"  
 Onan (D. W.) & Sons, Minneapolis, Minn.  
 Phelps Lighting & Power Co., Rock Island, Ill.  
 Pioneer Gen-E-Motor Co., 466 W. Superior, Chicago, Ill. "Red Top"  
 Premier Electric Co., Chicago, Ill.  
 Regal Mfg. Co., Pearl & Monroe, Coldwater, Mich.  
 Rural Electrical Equip. Co., Canton, Pa. "Reeco"  
 Universal Battery Co., 3410 S. La Salle, Chicago, Ill.  
 Universal Motor Co., Oshkosh, Wis. "Unimote"  
 Universal Products Co., Oshkosh, Wis. "Upco"  
 Western Cable & Light Co., Baldwin, Wis. "Weaco"  
 Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.  
 Wincharger Corp., Sioux City, Ia. "Giant Wincharger"  
 Wind-Power Mfg. Co., Newton, Ia. "Air-Lite"

**LIGHTING FIXTURES—See Fixtures, Lighting**  
**LIGHTING UNITS, Refrigerator—See Refrigerators, Lighting Units**  
**LIGHTNING ARRESTERS, Radio—See Arresters, Lightning, Radio**  
**LIGHTNING RODS—See Rods, Lightning**  
**LIGHTS, CHRISTMAS TREE—See Outfits, Christmas Tree, Electric**  
**LIGHTS, Flash, Electric—See Flashlights**

**LIGHTS, Marine**

Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Perkins Marine Lamp Corp., 1943 Pitkin Av., Bklyn, N. Y.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**LIGHTS, Night, Safety, Electric**

Deal Electric Co., Inc., 338 Berry, Bklyn, N. Y.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn, N. Y. "Nite-Glo"  
 Hamilton Beach Co., Racine, Wis.  
 Marks Products Co., Inc., 84 N. 9th, Bklyn, N. Y. "Snapit"

**LIGHTS, Parking**

Cowles (C.) & Co., New Haven, Conn.  
 Culver-Stearns Mfg. Co., Worcester, Mass. "C-S"  
 K-D Lamp Co., Cincinnati, O.

**LIGHTS, Tail, Acetylene, Automobile**

Dietz (R. E.) Co., 60 Laight, New York, N. Y. "Convo"

**LIGHTS, Tail, Automobile**

Culver-Stearns Mfg. Co., Worcester, Mass.  
 Diets (R. E.) Co., 60 Laight, New York, N. Y. "Vigilant"  
 Ideal Clamp Mfg. Co., 200 Bradford, Bklyn, N. Y.  
 K-D Lamp Co., Cincinnati, O.  
 Woodworkers' Hardware Mfg. Co., Chicago, Ill. "Safe-T-Lite"

**LIMA BEAN SHELLERS—See Shellars, Pea & Bean**

**LINE REELS—See Reels, Line; also Reels, Fishing**

**LINERS, Sink Strainer, Paper**

Harvey Paper Products Co., Sturgis, Mich.

**LINES, Awning**

Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Paramount," "White Oak"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Hooper (Wm. E.) & Sons, Phila., Pa. "Imperial," "Sterling"  
 Puritan Cordage Mills, Louisville, Ky. "Puritan"  
 Raucher Mfg. Co., 25-7th, Norwich, Conn. "Racco"  
 Rocky Mount Cord Co., Rocky Mount, N. C. "Monarch"  
 Samson Cordage Works, 89 Broad, Boston, Mass. "Phoenix"  
 Silver Lake Co., 99 Chauncy, Boston, Mass.

**LINES, Chalk and Masons'**

Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Ivory"  
 Brownell & Co., Moodus, Conn.  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Carpenter Mfg. Co., Norwich, Conn.  
 Cleveland Mill & Power Co., Lawndale, N. C.  
 Draper (E. E.) & Sons, Inc., Rocky Mount, N. C.  
 Fricke (J. E.) Co., Phila., Pa.  
 Gladding (B. F.) & Co., Inc., South Otsele, N. Y.  
 Hooper (Wm. E.) & Sons Co., Phila., Pa.  
 Lees Mfg. Co., 257 4th Av., New York, N. Y. "Octagon"  
 Puritan Cordage Mills, Louisville, Ky. "Paritan"  
 Raucher Mfg. Co., 25-7th, Norwich, Conn. "Racco"  
 Rocky Mount Cord Co., Rocky Mount, N. C. "Monarch"  
 Samson Cordage Works, 89 Broad, Boston, Mass. "Samson"  
 Tennessee Line & Twine Co., Elizabethton, Tenn.  
 Turner & Stanton Co., Norwich, Conn.

**LINES, Clothes**

Aluminum Co., of America, Pittsburgh, Pa. (Aluminum)  
 American Mfg. Co., Noble & West, Bklyn, N. Y. "American"  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. (Wire)  
 American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y. "Wissco"  
 Anniston Cordage Co., Anniston, Ala.  
 Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Gotham," "Granite," "Hi-Land"  
 Berkshire Braiding Mill, Wernersville, Pa. "Dux Bak"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Carpenter Mfg. Co., Norwich, Conn.  
 Cleveland Mill & Power Co., Lawndale, N. C.  
 Colorado Fuel & Iron Co., Denver, Colo. (Solid & Twisted Wire)

# Be sure you sell



HOUSEHOLD

## DUCO CEMENT

REG. U. S. PAT. OFF.

A CLEAR, flexible, waterproof cement which holds permanently on china, glass, wood, metal, leather, paper, fabrics and nearly everything except rubber. Unlike ordinary glue and mucilage, Duco Cement is not affected by heat, cold or moisture.

Duco Cement is always ready for use and requires no heating or mixing. It is

easy to apply and dries quickly. The screw top keeps the tube air-tight, preventing the cement from drying out.

Duco Cement has thousands of uses in the home, office, workshop and garage. Not only useful for mending broken articles, it is popular with hobbyists in making model airplanes, boats and other toys; also lamp shades, party favors, etc.

Size	No. in Case	Case Weight	List Price	DEALER NET PRICES	
				Doz. Lots	5 Case Lots
1 3/4 oz.	144	28 lbs.	\$2.25	\$1.80 Per Doz.	\$1.62 Per Doz.



Actual size of 25¢ tube



### DISPLAY CARTON

Duco Cement is packed in a convenient self-serving display carton, attractively printed in four colors. The display is compact and requires only a few inches of counter space. Illustrations on the carton show some of the important uses for Duco Cement. Individual tubes can be removed without reducing the effectiveness of the display.



**JOBBERs:** Write for catalog pages (similar to this advertisement) if you do not have this item listed in your current book.

**E. I. DU PONT DE NEMOURS & CO. (INC.)**

WILMINGTON, DELAWARE

SAN FRANCISCO, CALIF.



## LINES, Clothes (Continued)

Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 "Columbian," "Diamond," "Klean Klose," "Yucatan"  
 Copperweld Steel Co., Glassport, Pa. (Wire)  
 Dunn Mfg. Co., Hempstead, Long Island, N. Y.  
 "Zip-Dun"  
 Fricke (J. E.) Co., Phila., Pa. "Emory," "Jefferson"  
 Granite Cordage Co., Hickory, N. C.  
 Hoffman Lion Mills Co., Inc., Fall River, Mass.  
 "Cyclone"  
 Holden, James, Fall River, Mass.  
 Hooper (Wm. E.) & Sons Co., Phila., Pa. "Parkdale,"  
 "Sterling," "Sturdes"  
 Hooven & Allison Co., Xenia, O. "Lily," "Mexican,"  
 "San Pedro," "Shawnee," "Star," "Uncas"  
 Indiana Steel & Wire Co., Muncie, Ind. "Indiana"  
 (Wire)  
 January & Wood Co., Mayaville, Ky.  
 Kees (F. D.) Mfg. Co., Beatrice, Neb.  
 Keystone Steel & Wire Co., Peoria, Ill. (Wire)  
 Mahin & Co., Cleveland, O. (Wire)  
 Mallison Braided Cord Co., Athens, Ga.  
 Massasoit Mfg. Co., 8 White, New York, N. Y.  
 Northwestern Steel & Wire Co., Sterling, Ill.  
 (Wire)  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 (Wire)  
 Plymouth Cordage Co., North Plymouth, Mass.  
 Puritan Cordage Mills, Louisville, Ky. "Aunt  
 Josie," "Eclipse," "Planet," "Puritan," "Puritan-  
 Maid"  
 Raucher Mfg. Co., 25-7th, Norwich, Conn. "Racco"  
 Rockford Mfg. Co., Rockford, Tenn.  
 Rocky Mount Cord Co., Rocky Mount, N. C.  
 Rugg (E. T.) Co., Newark, O. "Snow-White"  
 St. Louis Cordage Mills, St. Louis, Mo.  
 Samson Cordage Works, 89 Broad, Boston, Mass.  
 "Beaver," "Black-Bird," "Blue Bird," "Columbia,"  
 "Crocus," "Eagle," "Tite-Rope," "Whale,"  
 "Xtrastrong"  
 Schlichter Jute Cordage Co., Phila., Pa.  
 Sheffield Steel Corp., Sheffield Station, Kansas City,  
 Mo. "Sheffield" (Wire)  
 Silver Lake Co., 99 Chauncy, Boston, Mass. "Bea-  
 con," "Domestic," "Garden City," "Needham,"  
 "Silver Lake"  
 Small Bros., Fall River, Mass.  
 Southern Mills Corp., Oxford, Ala.  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 Tennessee Coal, Iron & R. R. Co., Birmingham,  
 Ala. (Wire)  
 Tooley (M. J.) & Co., Fall River, Mass.  
 Tubbs Cordage Co., San Francisco, Cal.  
 Turner & Stanton Co., Norwich, Conn.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wheeling Corrugating Co., Wheeling, W. Va. (Wire)  
 Whitaker, Wm. D., Sedgley & Castor Aves., Phila.,  
 Pa. "Alpha," "Tentaw"  
 Whitlock Cordage Co., 46 South, New York, N. Y.  
 Wickwire Bros., Cortland, N. Y. (Wire)  
 Wickwire Spencer Steel Co., 500 Fifth Av., New  
 York, N. Y. "Wissaco" (Wire)  
 Wright (G. F.) Steel & Wire Co., Worcester, Mass.  
 (Wire) "Superior"  
 Yawo Line & Twine Co., Rockville, R. I.

## LINES, Fishing

Ashaway Line & Twine Co., Ashaway, R. I. "A. J's."  
 Soft Finish, "Bait Sport," "Black Hawk,"  
 "Boatman's Special," "Bronze King," "Crandall's  
 American Finish," "Crandall's Deep Lake," "Ex-  
 tra Strength," "Fairy," "Fly Sport," "Hand-E-  
 Line," "J. T.'s Soft Finish," "Joseph Jefferson,"  
 "Nu-Way," "Original Cuttyhunk," "Sea Sport,"  
 "Surfman's," "Starling," "Thik-an-Thin," "Tob-  
 Big," "Zane Grey"  
 Bevin-Wilcox Line Co., East Hampton, Conn. "Pilot"  
 Cortland Line Co., Cortland, N. Y. "Cortline"  
 Draper (E. E.) & Sons, Inc., Rocky Mount, N. C.  
 Enterprise Mfg. Co., Dept. HA, Akron, O. "Athena,"  
 "Cascade," "Chancellor," "Challenge," "Charter,"  
 "Cuttyhunk," "Dipsea," "Domino," "Esther,"  
 "Express," "Laqueen," "Neverink," "Non-  
 pareil," "Non-Such," "Oriole," "Pfeuger Bull  
 Dog," "Plexus," "Sikalette," "Silver Bell,"  
 "Tarpaulin," "Tribune," "Tribune Nylon," "Vik-  
 ing"  
 Gladding (B. F.) & Co., Inc., South Ostelic, N. Y.  
 "Blue Ribbon," "Donexal," "Invincible,"  
 "Ostelic," "Saline," "Trans-Lu-Cent"  
 Horrocks-Ibbotson Co., Utica, N. Y.  
 Horton Mfg. Co., Bristol, Conn. "Kingfisher"  
 Jones (S. A.) Line Co., Norwich, N. Y.  
 Lines Thread Co., Inc., 60 E. 42nd, New York,  
 N. Y.  
 Newton Line Co., Homer, N. Y. "Princess Pat"  
 Shakespear Co., Kalamazoo, Mich.  
 U. S. Line Co., Westfield, Mass. "Black Bear,"  
 "Black Champion," "Black Knight," "Fortuna,"  
 "Golden Spinner," "Gold Standard," "Japanoid,"  
 "Level Best," "Professor," "Quick Taper,"  
 "Strongheart," "True Taper"  
 Wood (T. H.) Co., Inc., South Coventry, Conn.  
 "Good Luck"

## LINES, Fishing, Casting and Trolling

Ashaway Line & Twine Co., Ashaway, R. I. "Grif-  
 fin"  
 Bevin-Wilcox Line Co., East Hampton, Conn. "Pilot"  
 Enterprise Mfg. Co., Dept. HA, Akron, O. "Pfeuger  
 Bull Dog"  
 Horrocks-Ibbotson Co., Utica, N. Y. "Unxild"  
 Jones (S. A.) Line Co., Norwich, N. Y.  
 Newton Line Co., Homer, N. Y. "Black Ghost,"  
 "Travenette," "Golden Ghost," "Grey Ghost,"  
 "Streamline"  
 Shakespear Co., Kalamazoo, Mich.

## LINES, Fishing, Metal, Braided and Twisted

Ashaway Line & Twine Mfg. Co., Ashaway, R. I.  
 Columbia Steel Co., 235 Montgomery, San Fran-  
 cisco, Cal. "USS Stainless"  
 Delta Line & Tackle Co., Rome, N. Y.  
 Fullman Mfg. Co., Latrobe, Pa. "Latrobe"  
 Huntington (L. B.) Co., 115 Hollingsworth, Balti-  
 more, Md. "Dur-O-Flex"  
 Malin & Co., 2514 Vestry Av., Cleveland, O. "Wil-  
 stabrite"  
 Newton Line Co., Homer, N. Y. "Newton"

## LINES, Furnished

(See also Lines, Fishing)  
 "A-B-C" Bait & Mfg. Co., 433 Bates, Detroit, Mich.  
 "A-B-C"  
 Enterprise Mfg. Co., Dept. HA, Akron, O. "Acro-  
 nite," "Pfeuger Bull Dog"  
 Horrocks-Ibbotson Co., Utica, N. Y.  
 Ideal Fishing Float Co., Inc., Richmond, Va.  
 Weber Lifelike Fly Co., Stevens Point, Wis.

## LINES, Garden

Archer (A. W.) Co., Inc., 102 Worth, New York,  
 N. Y.  
 Puritan Cordage Mills, Louisville, Ky. "Puritan"  
 Raucher Mfg. Co., 25-7th, Norwich, Conn. "Racco"  
 Samson Cordage Wks., 89 Broad, Boston, Mass.  
 "Samson"  
 Silver Lake Co., 99 Chauncy, Boston, Mass.  
 LINES, Masons'—See Lines, Chalk and Masons'

## LINES, Plow

American Mfg. Co., West & Noble, B'klyn, N. Y.  
 "American"  
 Archer (A. W.) Co., Inc., 102 Worth, New York,  
 N. Y. "Arco," "Ivory," "Thumaston"  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 "Columbian"  
 Hooper (Wm. E.) & Sons, Phila., Pa. "Imperial,"  
 "Sterling"  
 Hooven & Allison Co., Xenia, O.  
 Puritan Cordage Mills, Louisville, Ky. "Magnolia"  
 Waterbury Rope Co., Inc., 401 Park Av., B'klyn,  
 N. Y. "Waterbury Blue Marker," "Rex Brown  
 Marker"

## LINES, Tape—See Tapes, Measuring

## LINEMEN'S BELTS—See Belts &amp; Straps, Safety, Linemen's

## LINEMEN'S CLIMBERS—See Climbers, Linemen's

## LINEMEN'S KNIVES—See Knives, Electricians'

## LINEMEN'S PLIERS—See Pliers, Linemen's, and Electricians'

## LINEMEN'S TOOLS—See Tools, Linemen's

## LININGS, Plastic, Stove and Furnace

Colebrook's (N. H.) Sons, Syracuse, N. Y.  
 Fireline Stove & Furnace Lining Co., 1859-40 Kings-  
 bury, Chicago, Ill. "Fireline"  
 Norristown Asbestos Mfg. Co., 29 Lewis Wharf,  
 Boston, Mass. "Mecco"  
 Laclede-Christy Clay Product Co., 411 N. 7th, St.  
 Louis, Mo. "Firezist"  
 Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 United Gilsontite Laboratories, Scranton, Pa.  
 "U-G-L"  
 Williams Stove Lining Co., Taunton, Mass. "Eagle"

## LINKS, Chain Repair

Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Brooks (M. S.) & Sons, Chester, Conn.  
 Butler Chain Co., Inc., Butler, Pa.  
 Carroll Chain Co., Columbus, O.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
 "Dreadnaught"  
 Eberhard Mfg. Co., Div. Eastern Malleable Iron  
 Co., 2734 Tennyson Rd., S. E., Cleveland, O.  
 Flower City Specialty Co., 250 Mill, Rochester, N. Y.  
 "Monkey Link"  
 Han-Dee Mfg. Corp., Hartford, Conn. "Handy,"  
 "Kwik"  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn,  
 N. Y.  
 Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
 Imperial Bit & Snap Co., Racine, Wis.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 "Missing Link" (Drop Forged)  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Marion Tool Corp., Marion, Ind.  
 Moline Iron Wks., Moline, Ill.  
 Mundorf Chain Wks., York, Pa.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way  
 New York, N. Y.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis,  
 Mo.  
 North & Judd Mfg. Co., New Britain, Conn.  
 Peerless Chain Co., Winona, Minn.  
 Roebbling's (John A.) Sons Co., Trenton, N. J.  
 Smith & Egge Div. of Turner & Seymour Mfg. Co.,  
 Torrington, Conn. (Split)  
 Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
 Made"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middle-  
 town, Conn.

## LINKS, Fuse, Electric

Case-Shawmut Co., Newburyport, Mass.  
 Economy Fuse Mfg. Co., Chicago, Ill.  
 Jefferson Electric Co., Bellwood, Ill.

## LINKS, Fusible

Richard-Wilcox Mfg. Co., Aurora, Ill.

## LINOLEUM

(See also Rugs, Linoleum)

Armstrong Cork Co., Lancaster, Pa.  
 Congoleum-Nairn, Inc., Kearny, N. J. "Sealex  
 Battleship," "Sealex Jasper," "Sealex Karnean"  
 "Sealex Velton," "Treadlite," "Treadlite Deluxe"  
 Paraffine Cos., Inc., San Francisco, Cal. "Pabco"  
 Sloane Blabon Corp., 295 5th Av., New York, N. Y.  
 "Sloane-Blabon"

## LINOLEUM BINDING—See Binding, Linoleum

## LINOLEUM CEMENT—See Cement, Linoleum

## LINOLEUM CLEANERS—See Cleaners, Linoleum

## LINOLEUM FINISHES—See Finishes, Linoleum

## LINOLEUM KNIVES—See Knives, Oil Cloth

## LINOLEUM POLISH—See Wax Polish, Liquid

## LINOLEUM RACKS—See Racks, Linoleum

## LINOLEUM RUGS—See Rugs, Linoleum

## LINOLEUM VARNISHES—See Varnishes, Linoleum

## LINSEED CAKE—See Oil, Linseed

## LINSEED OIL—See Oil, Linseed

## LIVE STOCK ELECTRIC PROD POLES—See Poles, Prod. Live Stock, Electric

## LIQUEFIED GAS—See Gas, Liquefied

## LIQUID DISPENSERS—See Dispensers, Liquid

## LIQUID DRYERS—See Varnishes

## LIQUID FILLERS—See Fillers, Wood

## LIQUID GLUE—See Glue, Liquid

## LIQUID HEATLESS SOLDER—See Metal, Plastic

## LIQUID MEASURES—See Measures, Liquid

## LIQUID METALLIC SOLDER—See Metal, Plastic

## LIQUID PISTOLS—See Pistols, Liquid

## LIQUID SOAP DISPENSERS—See Dispensers, Soap

## LIQUID SOAPS—See Soaps, Liquid

## LIQUID SOLDER—See Metal, Plastic

## LIQUID WAX POLISH—See Wax Polish, Liquid

## LIQUIDS, Bronzing

Baer Bros., 438 W. 37th, New York, N. Y.  
 Baker Paint & Varnish Co., 218 Suydam Av., Jersey  
 City, N. J. "American"  
 Berry Bros., Inc., Detroit, Mich.  
 Bestoseal Co., 1451 Bway., New York, N. Y.  
 "Bestoseal"  
 Egyptian Lacquer Mfg. Co., Inc., 1270-6th Av., New  
 York, N. Y.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland,  
 O. "Glidden"  
 Kahn (H.) & Co., Phila., Pa. "Supreme"  
 McQuades (John) & Co., Inc., 134 Classon Av.,  
 B'klyn, N. Y. "McQuades"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland,  
 O. "Olo"  
 Payson Paint & Varnish Corp., 804 E. 141st, New  
 York, N. Y. "Payson's"  
 Pittsburgh Plate Glass Co., Paint Div., Grant Bldg.,  
 Pittsburgh, Pa.  
 Pratt & Lambert, Inc., Buffalo, N. Y.  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.  
 Sargent Mfg. Co., 38 Elizabeth, Yonkers, N. Y.  
 Sheffield Bronze Powder & Stencil Co., 12405 Euclid  
 Av., Cleveland, O.  
 Sherwin-Williams Co., Cleveland, O.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Western Paint & Varnish Co., Duluth, Minn. "Heat  
 Quality," "Double Tested"  
 Wooley, (C. A.) Paint & Color Co., 500 Grand,  
 Jersey City, N. J.

## LIQUIDS, Glazing

Chi-Namel Paint & Varnish Co., 1101 Third, So.,  
 Minneapolis, Minn.  
 Foy Paint Co., Inc., Cincinnati, (Norwood) O.  
 "Foy's"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland,  
 O. "Glidden"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland,  
 O. "Olo"  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg.,  
 Pittsburgh, Pa.

## LIQUIDS, SOLDERING—See Flux, Soldering

## LIQUOR POURERS—See Pourers, Liquor

## LITHARGE

Eagle-Picher Lead Co., Cincinnati, O.  
 Evans Lead Co., Charleston, W. Va.  
 Glidden Co., Madison Av. & Berea Rd., Clevel-  
 and, O.  
 Grasselli Chemicals Dept. du Pont (E. I.) &  
 Nemours & Co., Inc., Wilmington, Del.  
 Hammond Lead Products, Inc., Hammond, Ind.  
 MacGregor (John R.) Lead Co., 4520 W. 15th,  
 Chicago, Ill.  
 Metals Refining Div. of Glidden Co., Hammond, Ind.  
 National Lead Co., 111 B'way, New York, N. Y.  
 LITTER CARRIERS—See Carriers, Manure or Litter  
 LIVESTOCK SPRAY—See Repellents, Fly; also In-  
 secticides



## SELL the World's LARGEST selling ELECTRIC FENCER



**PARMAK**  
PRECISION

**Safer  
Longer Service**

Operates on low cost batteries for months. One wire, hung on light stakes driven into the ground 50 ft. apart, makes stock-tight fence. Battery Miser prolongs battery life; Absorption Circuit Fence Tester; Dry Weather Intensifier and other advancements. More than 100,000 in use. Made by established manufacturer, famous for precision electrical equipment since 1923.

### 6 Amazing NEW Models

#### De Luxe Model

Popular model last year—now further improved. Charges as much as 30 miles of fence. Shipping wt. 8 lbs. **\$13.75**  
Retail at

#### De Luxe Field Model

Same as above, with addition of weather-proof outer case; separate battery compartment. Shipping wt. 14 lbs. **\$15.90**  
Retail at

#### Stock Master Model

Finest electric fence money can buy. Heavy pressed steel case, lustrous chrome finish. Shipping wt. 8 lbs. **\$16.50**  
Retail at

#### Field Master Model

Same as Stock Master model in heavy outer storm-proof cover; separate battery compartment; universal post clamps. Shipping wt. 14 lbs. **\$18.65**  
Retail at

#### Standard Model

Excellent unit; charges up to 15 miles of fence under average conditions. Shipping wt. 7 lbs. **\$10.50**  
Retail at

#### Utility Model

For charging short lengths of quickly and easily moved fence. Uses Flux Diverter principle. Shipping wt. 6 lbs. **\$7.95**  
Retail at

**5-Year Service Guarantee**

(Two years on Standard and Utility Models)

**WRITE** for Dealer Discounts and Freight Allowance  
—also, exclusive dealer Franchise.

**PARKER-MCCRORY Mfg. Co.**

2611 Walnut Street

Kansas City, Mo.

*Raybestos*

*Quik flame*  
REG. U. S. PAT. OFF.

**ASBESTOS KINDLER WICKS**



*For*

**OIL STOVES  
RANGE BURNERS  
AND  
HEATERS**

**FIVE  
DIFFERENT  
SIZES**

**THE RAYBESTOS DIVISION**  
OF RAYBESTOS-MANHATTAN, INC. BRIDGEPORT, CONN.

## SCREWS—BOLTS—NUTS

Machine Screws • Sheet Metal Screws • Wood Screws

Cap Screws • Set Screws • Socket Head Cap Screws

Hollow Set Screws • Phillips Recessed Head Screws

Lockwasher Screws • Thumb Screws

Special Screws and Bolts

Stove Bolts • Carriage Bolts • Machine Bolts • Lag Bolts

Machine Screw Nuts • Wing Nuts • Semi-Finished Nuts

Cold Punched Nuts • Cap Nuts • Knurled Nuts

Brass Washers • Threaded Rods • Cold Upset Products

### PROMPT SHIPMENT

from large stocks, ready packed in  
extra heavy cartons with readable labels.

**PHEOLL**

MANUFACTURING COMPANY

5712 ROOSEVELT ROAD

CHICAGO, ILLINOIS

### BRANCH OFFICES

88 Walker Street  
NEW YORK

2800 E. Grand Blvd.  
DETROIT

405 Second Avenue, N.  
MINNEAPOLIS

705 Market Street  
SAN FRANCISCO

219 Slaughter Building  
DALLAS

2310 N.E. Stanton St.  
PORTLAND, ORE.

419 Montgomery Ferry Drive, N.E.,  
ATLANTA

## ROCKY MOUNT CORD COMPANY

ROCKY MOUNT, N. C.

MANUFACTURERS OF

VENETIAN BLIND CORD

MASON LINE

SHADE CORD

DRAPERY CORD

CURTAIN CORD

SASH CORD

AWNING CORD

CLOTHES LINE

ROUND BRAIDED SPECIALTIES

**PRICES AND SAMPLES  
GLADLY SENT ON REQUEST**

**LIVESTOCK SUPPLIES**—See Breeders' Supplies  
**LOAD BINDERS**—See Binders, Load  
**LOADED SHOT GUN SHELLS**—See Shells, Shot Gun, Loaded

### LOADERS, Cartridge

Belding & Mull, Philipsburg, Pa.  
 Lyman Gun Sight Corp., Middlefield, Conn.  
 Union Hdw. Co., Torrington, Conn.  
 U. S. Cartridge Co. Div. Winchester Repeating Arms Co., New Haven, Conn.

### LOADERS, Hay

Case (J. I.) Co., Racine, Wis.  
 Dain Mfg. Co., Ottumwa, Ia. "John Deere," "Wind-  
 row"  
 Hocking Valley Mfg. Co., Lancaster, O.  
 International Harvester Co., Inc., 180 N. Michigan  
 Ave., Chicago, Ill. "McCormick-Deering"  
 Lusk Bros. & Co., Oxford, Junct., Ia. "Oxford"  
 Massey-Harris Co., Racine, Wis.  
 Minneapolis-Moline Power Implement Co., Minnea-  
 polis, Minn. "Flying Dutchman"  
 New Mfg. Co., Canton, O.  
 Starline, Inc., Harvard, Ill. "Harvester," "Star-  
 line"  
 Sterling Mfg. Co., Sterling, Ill. "Champion," "Fa-  
 vorite," "Gem," "Simplex," "Superior"

**LOADING BLOCKS**—See Blocks, Tackle

**LOADING TOOLS**—See Tools, Loading, Cartridge

**LOAFERS' RAIL**—See Rails, Loafer

**LOCATORS, SOCKET**—See Pendants, Luminous, Radium

### LOCATORS, Switch, Luminous

Brant Electric Co., Bridgeport, Conn. "Glo-Guide"  
 U. S. Radium Corp., 535 Pearl, New York, N. Y.  
 "Undark"

### LOCKERS, Hose, Underground

McClain Bros., Clark Bldg., Canton, O. "McClain"

### LOCKERS, Steel

All-Steel Equip. Co., Inc., Aurora, Ill.  
 Berger Mfg. Co. Div. Republic Steel Corp., Canton,  
 O. "Berloy"  
 Durabilt Steel Locker Co., Aurora, Ill.  
 Keighly Mfg. Co., Pittsburgh, Pa.  
 Lyon Metal Products, Inc., 136 Madison Av., Aurora,  
 Ill.  
 Manufacturing Equipment & Engineering Co., Fram-  
 ingham, Mass.  
 Medart Co., St. Louis, Mo.  
 Narragansett Machine Co., Providence, R. I.  
 Penn Metal Co., 41 E. 42d, New York, N. Y. "Penco"  
 Smith (F. P.) Wire & Iron Wks., 2346 Clybourne  
 Av., Chicago, Ill.  
 Terrell's Equipment Co., Grand Rapids, Mich.  
 Worley & Co., Pico, Cal.

### LOCKERS, Wire

Smith (F. P.) Wire & Iron Works, Chicago, Ill.

**LOCK CYLINDERS**—See Cylinders, Lock

**LOCK MORTISING MACHINES**—See Machines, Lock Mortising

**LOCK NUTS**—See Nuts and Washers, Lock

**LOCK OPENING PICKS**—See Picks, Lock Opening

**LOCK SETS**—See Locks, Sets, Door & House

**LOCK SPRINGS**—See Springs, Lock

**LOCK STRIKES, ADJUSTABLE**—See Strikes, Lock, Adjustable

**LOCK WASHERS**—See Washers, Lock

**LOCKING BANDS, Fishing Reel**—See Bands, Lock-  
 ing, Fishing Reel

### LOCKS, Automobile

Bohannon (Wilson), Co., Marion, O. "Well Bilt"  
 Briggs & Stratton Corp., 2711 N. 18th, Milwaukee,  
 Wis. "Basco"  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
 Av., Phila., Pa.  
 Chicago Lock Co., 224 N. Racine Av., Chicago, Ill.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Courtney's Locks, Inc., 530 W. 125th, New York,  
 N. Y.  
 Fenton Mach. Tool & Die Co., Fenton, Mich. "Little  
 Dick"  
 Fram (E. T.) Lock Co., Lancaster, Pa.  
 Independent Lock Co., Fitchburg, Mass. "Ilco"  
 Junkunc Bros., Chicago, Ill.  
 Master Lock Co., 926 Juneau Av., Milwaukee, Wis.  
 "Master"  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Slaymaker Lock Co., Lancaster, Pa. "Autoloc"  
 Western Metal Specialty Co., Milwaukee, Wis.  
 "Wemaco"  
 Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Barn Door**—See type desired, under Locks

### LOCKS, Bicycle and Motorcycle

Bemis & Call Co., Springfield, Mass. "Sesamee"  
 (Keyless)  
 Chicago Lock Co., 2024 N. Racine Av., Chicago, Ill.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Eagle Lock Co., Terryville, Conn.  
 Fram (E. T.) Lock Co., Lancaster, Pa.  
 Independent Lock Co., Fitchburg, Mass. "Ilco"

Junkunc Bros., Chicago, Ill.  
 Master Lock Co., 926 Juneau Av., Milwaukee, Wis.  
 "Master"  
 Miller (J. Walter) Co., Lancaster, Pa.  
 Reese Padlock & Hdw. Co., Lancaster, Pa.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Slaymaker Lock Co., Lancaster, Pa. "Autoloc"  
 Waterbury Lock & Specialty Co., Milford, Conn.  
 Wise Lock Co., 2730 Grand Av., S. E. Cleveland,  
 O. "Wise-Lock"  
 Yale & Towne Mfg. Co., Stamford, Conn.

### LOCKS, Box

Brainerd Mfg. Co., East Rochester, N. Y.  
 Chicago Lock Co., 2024 N. Racine Av., Chicago, Ill.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Eagle Lock Co., Terryville, Conn.  
 Ludwig (A.) & Co., 75 Spring, New York, N. Y.  
 National Lock Co., Rockford, Ill.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Slaymaker Lock Co., Lancaster, Pa.

### LOCKS, Cabinet

American Brass Goods Co., 150 Cottage Grove,  
 S. W., Grand Rapids, Mich.  
 American Cabinet Hdw. Corp., Rockford, Ill.  
 "Amerock"  
 Barrows Lock Wks., of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Bemis & Call Co., Springfield, Mass. "Sesamee"  
 (Keyless)  
 Best Universal Lock Co., 730 E. Washington,  
 Indianapolis, Ind.  
 Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
 Chicago Lock Co., 2024 N. Racine Av., Chicago, Ill.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Dudley Lock Corp., 325 N. Wells, Chicago, Ill.  
 Eagle Lock Co., Terryville, Conn.  
 Excelsior Hdw. Co., Stamford, Conn.  
 Four-Way Lock Co., 4619 Ravenswood Av., Chi-  
 cago, Ill. "4-Way"  
 Illinois Lock Co., 787 W. Jackson Blvd., Chicago,  
 Ill. "Illinois Champion," "Illinois Jr."  
 Independent Lock Co., Fitchburg, Mass. "Ilco"  
 Junkunc Bros., Chicago, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 National Lock Co., Rockford, Ill.  
 Penn Hdw. Co., Reading, Pa.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sager Lock Wks., of Yale Towne Mfg. Co., No.  
 Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sargent & Greenleaf, Inc., Rochester, N. Y.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Yale & Towne Mfg. Co., Stamford, Conn.

### LOCKS, Chain, Tire

Corbin Cabinet Lock Co., New Britain, Conn.  
 Fram (E. T.) Lock Co., Lancaster, Pa.  
 International Chain & Mfg. Co., York, Pa. "Camp-  
 bell"  
 Junkunc Bros., Chicago, Ill.  
 Master Lock Co., 926 Juneau Av., Milwaukee, Wis.  
 "Master"  
 Peerless Chain Co., Winona, Minn.  
 Reese Padlock Co., Lancaster, Pa.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Wise Lock Co., 2730 Grand Av., S.E., Cleveland, O.  
 "Wise-Lock"

### LOCKS, Chest, Drawer and Desk

American Cabinet Hdw. Corp., Rockford, Ill.  
 "Amerock"  
 Bemis & Call Co., Springfield, Mass. "Sesamee"  
 (Keyless)  
 Best Universal Lock Co., 730 E. Washington,  
 Indianapolis, Ind.  
 Chicago Lock Co., 2024 N. Racine Av., Chicago, Ill.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Eagle Lock Co., Terryville, Conn.  
 Excelsior Hdw. Co., Stamford, Conn.  
 Four-Way Lock Co., 4619 Ravenswood Av., Chi-  
 cago, Ill. "4-Way"  
 Independent Lock Co., Fitchburg, Mass. "Ilco"  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Lock Co., Rockford, Ill.  
 Sargent & Greenleaf, Inc., Rochester, N. Y.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Yale & Towne Mfg. Co., Stamford, Conn.

### LOCKS, Coin Controlled

American Coin Lock Co., Pawtucket, R. I.  
 Chicago Lock Co., 2024 N. Racine Av., Chicago, Ill.  
 Middleton Metal Products Co., 101 Park Av., New  
 York, N. Y. "Middleton"  
 Nik-O-Lok Co., Indianapolis, Ind.

### LOCKS, Combination

Bemis & Call Co., Springfield, Mass. "Sesamee"  
 (Keyless)  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Cushman & Denison Mfg. Co., 133 W. 23rd, New  
 York, N. Y. "Cado"  
 Dudley Lock Corp., 325 N. Wells, Chicago, Ill.  
 Eagle Lock Co., Terryville, Conn.  
 Junkunc Bros., Chicago, Ill.  
 Master Lock Co., 926 W. Juneau Av., Milwaukee  
 Wis. "Champ"  
 Miller (J. B.) Keyless Lock Co., Kent, O. "Red  
 Dot" (Keyless)  
 Reese Padlock Co., Lancaster, Pa.

Sargent & Greenleaf, Inc., Rochester, N. Y.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Waterbury Lock & Specialty Co., Milford, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

### LOCKS, Cord, Venetian Blind

Lorentzen Hardware Mfg. Corp., 391 W. B'way,  
 New York, N. Y.  
 Venetian Blind Corp., 3447 E. 24th, Los Angeles,  
 Cal. "Air-Lite"

### LOCKS, Cylinder

Barrows Lock Wks., of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Best Universal Lock Co., 730 E. Washington, In-  
 dianapolis, Ind.  
 Champion Hardware Co., Geneva, O.  
 Chantrell Hardware & Tool Co., Fitchburg, Mass.  
 Chesler (J.) & Sons Co., 41 Varick Av., B'klyn,  
 N. Y.  
 Chicago Lock Co., 2024 N. Racine Av., Chicago, Ill.  
 "Ace"  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Dudley Lock Corp., 325 N. Wells, Chicago, Ill.  
 "4-in-1"  
 Eagle Lock Co., Terryville, Conn.  
 Earle Hardware Mfg. Co., Reading, Pa.  
 Four-Way Lock Co., 4619 Ravenswood Av., Chi-  
 cago, Ill. "4-Way"  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila.,  
 Pa.  
 Grand Specialties Co., 3101 W. Grand Av., Chicago,  
 Ill. "Kastlok"  
 Harvard Lock Co. of New York, Inc., 114 Worth,  
 New York, N. Y.  
 Hillgren Mfg. Co., 1862 E. 67th, Los Angeles, Cal.  
 "Hillgren"  
 Illinois Lock Co., 787 W. Jackson Blvd., Chicago,  
 Ill. "Illinois Champion," "Illinois Jr."  
 Independent Lock Co., Fitchburg, Mass. "Ilco"  
 Kell (Francis) & Son, 401 E. 163rd, New York,  
 N. Y.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 National Brass Co., 1601 Madison Av., Grand  
 Rapids, Mich. "Dexter"  
 National Hardware Co., 8630 103rd Av., Ozone Park,  
 N. Y.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Penn. Hardware Co., Reading, Pa.  
 Reading Hardware Corp., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 "Russwin"  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sager Lock Wks., of Yale & Towne Mfg. Co., No.  
 Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sargent & Greenleaf, Inc., Rochester, N. Y.  
 Schlage Lock Co., San Francisco, Cal.  
 Segal Lock & Hdw. Co., Inc., 395 B'way, New  
 York, N. Y.  
 Skillman Hardware Mfg. Co., Trenton, N. J.  
 Taylor Mfg. Co., 3200 N. Mascher, Phila., Pa.  
 "Taylor"  
 Welch Bros. Co., 1625 Sheridan Rd., North Chicago,  
 Ill.  
 Yale & Towne Mfg. Co., Stamford, Conn.

### LOCKS, Dog Collar

Bohannon (Wilson), Co., Marion, O. "Well Bilt"

Corbin Cabinet Lock Co., New Britain, Conn.

Eagle Lock Co., Terryville, Conn.

Fram (E. T.) Lock Co., Lancaster, Pa.

Reese Padlock Co., Lancaster, Pa.

Safe Padlock & Hardware Co., Lancaster, Pa.

Sargent & Co., New Haven, Conn.

Slaymaker Lock Co., Lancaster, Pa.

United States Lock & Hdw. Co., Columbia, Pa.

Waterbury Lock & Specialty Co., Milford, Conn.

Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Door, Electric**—See Openers and Locks,  
 Door, Electric

### LOCKS, Door, Sidewalk

Lovatt & Radcliffe, 937 E. 26th, Paterson, N. J.  
 "Lev-L-Lock"

### LOCKS and LATCHES, Door, Sliding

Allith-Prouty, Inc., Danville, Ill. "Alligator,"  
 "Draw-tite"  
 Barrows Lock Wks., of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
 Av., Phila., Pa.  
 Champion Hardware Co., Geneva, O.  
 Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
 Climax (J. H. W.) Co., 87 Clay, Newark, N. J.  
 "J. H. W."  
 Clinton Lock Co., Clinton, Ia.  
 Coburn Trolley Track Co., Holyoke, Mass. "Co-  
 burn"  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Corbin, P. & F., New Britain, Conn.  
 Frantz Mfg. Co., Sterling, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila.,  
 Pa.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn,  
 N. Y.  
 Harvard Lock Co. of New York, Inc., 114 Worth,  
 New York, N. Y.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 McKinney Mfg. Co., Pittsburgh, Pa.



# Western HAS THE FEATURES



SUPER-X and XPERT both stand for outstanding improvements in shot shell, rim fire and center-fire cartridges. That is why hunters *expect* WESTERN to be on your shelves. Wild-fowl hunters know the value of the longer range of SUPER-X shot shells. Upland hunters insist on the hard-hitting uniform

## SHOT SHELLS

### Super-X and Xpert

## SHOT SHELLS



You've talked with duck hunters and heard them praise the SUPER-X load sky high. It's because they've learned how SUPER-X pulls 'em down clean at remarkable distances. SUPER-X Short Shot String is an outstanding improvement that makes SUPER-X sell—and sell!

Western XPERT shot shells, with controlled shot string, mean just as much to quail and rabbit hunters. They hit hard and function perfectly. The close, even patterns get game. The dependable uniformity of the XPERT shell is an important feature that brings your customers back for more!

## .22 CARTRIDGES

### Super-X and Xpert

## .22 CARTRIDGES

Western SUPER-X .22's have the power that lays out pests for good. Long range—high velocity—flat trajectory—and Lubaloy bullets in which the lead is exactly the right degree of softness for real effectiveness, are features every shooter appreciates. SUPER-X with hollow-point bullets give maximum mushrooming. The cartridges are smokeless—non-corrosive. CLEAN!

XPERT .22's get the call for all-purpose shooting. Their extreme accuracy makes customers call for them OFTEN. And who wouldn't, especially when they cost no more than ordinary .22's? And they're smokeless—non-corrosive. Both XPERT and SUPER-X are made in .22 Long Rifle, .22 Long and .22 Short sizes.



**Western**

**WORLD CHAMPION AMMUNITION**



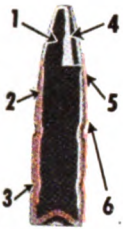
# THAT BOOST AMMUNITION SALES

XPERT shot shell. Big game hunters, pest and small game enthusiasts are certain of maximum power and long range effectiveness when they use SUPER-X cartridges. For all-around .22 shooting XPERT gets the call.



## CENTER-FIRES

### New **Super-X** SILVERTIP EXPANDING BULLET



1. Soft lead core protected by "nickel silver" jacket. No more battered points.
2. Tough outer jacket of Lubaloy encases both lead core and "nickel silver" jacket.
3. Special knurls bind together lead core, silver colored jacket and outer jacket.
4. Jacket of "nickel silver" completely encloses lead core at the bullet's tip.
5. Expansion of the bullet is delayed while silver colored jacket is rolled back here.
6. Ultimate expansion regulated by curling of edge of outer Lubaloy jacket.

The SILVERTIP is the new bullet big-game hunters are talking so much about—because it combines controlled, delayed expansion with deep penetration—mushrooms effectively at ALL hunting ranges. Both the *rapidity* and *extent* of expansion are controlled. A thin jacket of "nickel silver," composed of copper, nickel and zinc, encloses the soft lead core and delays expansion while the bullet pierces hide and tough muscle tissue. On reaching the vital organs the SILVERTIP expands rapidly, unleashing its tremendous power in the body cavity, where most effective. There are 18 SUPER-X cartridges, available in 15 popular calibers.



## CENTER-FIRES

### **Super-X** Rifle and Pistol CENTER-FIRES



There are SUPER-X center-fire cartridges to meet the demands of every big game hunter. SUPER-X Soft point or Open point expanding center-fires give your customers the knockout power, maximum velocity and accuracy they want for *their* particular rifles. They are available in a complete range of calibers, from the smallest to the largest. The WESTERN line of pistol cartridges is also complete. SUPER-X Metal-Piercing ammunition has the disabling power police prefer. It pays to go after the police business in your locality. Remember: the name WESTERN stands for World Champion Accuracy in ammunition!

**WESTERN CARTRIDGE CO.**  
EAST ALTON, ILLINOIS



*National Advertising  
has made them*

# BIG NAMES

## DOUBLE X

The leader of them all, the one-and-only Double X; the white magic that's double action; that makes varnish vanish and makes old floors new. The product that, through 10 years of national advertising, has taught America to "do over" its own floors.

## SAVABRUSH

The presto-powder that [when dissolved] restores life and health to crippled paint brushes overnight! Not only the original brush-restorer but the only one that has been nationally advertised for years. Result? National brand-demand!

## SCHALK'S CRACK FILLER

The package that's the talk of the trade; product destined to outsmart and outsell any Crack Filler ever offered. It's got everything.

## WAXOFF

Not only a great de-waxer but a great insurance policy against that chronic complaint "The varnish didn't dry." Every time you sell varnish or wax, sell Waxoff. You make extra profit; and you save yourself an extra headache. Because the varnish is sure to do it.



**LOCKS and LATCHES, Door, Sliding**  
(Continued)

National Mfg. Co., Sterling, Ill. "Washburne"  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Penn Hdw. Co., Reading, Pa.  
Reading Hdw. Corp., Reading, Pa.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
"Russwin"  
Sager Lock Wks., of Yale & Towne Mfg. Co., No. Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Sargent & Greenleaf, Inc., Rochester, N. Y.  
Schroder (J. B.) Co., Cincinnati, O.  
Segal Lock & Hdw. Co., Inc., 395 B'way, New York, N. Y.  
Skillman Hdw. Mfg. Co., Trenton, N. J.  
Wagner Mfg. Co., Cedar Falls, Ia.  
Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS and LATCHES, Tubular**

Best Universal Lock Co., 730 E. Washington, Indianapolis, Ind.  
Champion Hdw. Co., Geneva, O.  
Corbin, P. & F., New Britain, Conn.  
Independent Lock Co., Fitchburg, Mass. "Ilico"  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
Pacific Plastic & Mfg. Co., Inc., 5446 Carlton Way, Hollywood, Cal. "Hollymade"  
Russell & Erwin Mfg. Co., New Britain, Conn.  
"Russwin"  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Schlage Lock Co., 20 Bay Shore Blvd., San Francisco, Cal.  
Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Drawer—See Locks, Chest, Drawer and Desk****LOCKS, FIRE EXIT—See Bolts, Panic, Door****LOCKS, Golf Bag**

Bemis & Call Co., Springfield, Mass. "Sesamee" (Keyless)  
Eagle Lock Co., Terryville, Conn.  
Independent Lock Co., Fitchburg, Mass. "Ilico"  
Junkins Bros., Chicago, Ill.  
Miller (J. Walter) Co., Lancaster, Pa.  
Reese Padlock Co., Lancaster, Pa.  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Hasp**

Corbin Cabinet Lock Co., New Britain, Conn.  
Junkins Bros., Chicago, Ill.  
Master Lock Co., 926 Juneau Av., Milwaukee, Wis. "Master"  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Slaymaker Lock Co., Lancaster, Pa.

**LOCKS, Jimmy-proof**

Best Universal Lock Co., 730 E. Washington, Indianapolis, Ind.  
Corbin, P. & F., New Britain, Conn.  
Dudley Lock Corp., 325 N. Wells, Chicago, Ill. "4-in-1"  
Eagle Lock Co., Terryville, Conn.  
Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y. "Securlock"  
Independent Lock Co., Fitchburg, Mass. "Ilico"  
Kel (Francis) & Son, 401 E. 163d, New York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Reading Hardware Corp., Reading, Pa.  
Schlage Lock Co., San Francisco, Cal.  
Segal Lock & Hdw. Co., Inc., 395 B'way, New York, N. Y. "Segalock"  
Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Keyless**

Bemis & Call Co., Springfield, Mass. "Sesamee"  
Dudley Lock Corp., 325 N. Wells, Chicago, Ill.  
Eagle Lock Co., Terryville, Conn.  
Junkins Bros., Chicago, Ill.  
Keyless Lock Co., Indianapolis, Ind.  
Master Lock Co., 926 W. Juneau Av., Milwaukee, Wis. "Champ"  
Miller (J. B.) Keyless Lock Co., Kent, O. "Red Dot"  
Reese Padlock Co., Lancaster, Pa.  
Schlage Lock Co., San Francisco, Cal.

**LOCKS, Mono**

Corbin, P. & F., New Britain, Conn.  
Kel (Francis) & Son, 401 E. 163d, New York, N. Y.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
"Russwin"  
Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Mortise and Rim**

Accurate Hardware, Inc., 111-8th Av., New York, N. Y.  
American Brass Goods Co., Grand Rapids, Mich.  
Bar-Out Lock Co., 3429 E. Olympic Blvd., Los Angeles, Cal. "Bar-Out Lock," "Lox-in-Dor"  
Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Best Universal Lock Co., 730 E. Washington, Indianapolis, Ind.

Bohannon (Wilson) Co., Marion, O. "Wall Bolt"  
Champion Hardware Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Chesler (J.) & Sons Co., 41 Varick Av., B'klyn, N. Y.  
Clinton Lock Co., Clinton, Ia.  
Corbin, P. & F., New Britain, Conn.  
Dudley Lock Corp., 325 N. Wells, Chicago, Ill. "4-in-1"  
Earle Hdw. Mfg. Co., Reading, Pa.  
Four-Way Lock Co., 4619 Ravenswood Av., Chicago, Ill. "4-Way"  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill. "Kastlok"  
Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
Independent Lock Co., Fitchburg, Mass. "Ilico"  
Lawrence Bros., Sterling, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Miller (J. B.) Keyless Lock Co., Kent, O. (Mortise Keyless)  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Penn Hdw. Co., Reading, Pa.  
Reading Hardware Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co., N. Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Sargent & Greenleaf, Inc., Rochester, N. Y.  
Schlage Lock Co., 20 Bay Shore Blvd., San Francisco, Cal.  
Segal Lock & Hdw. Co., Inc., 395 B'way, New York, N. Y.  
Shelby Spring Hinge Co., Shelby, O.  
Skillman Hardware Mfg. Co., Trenton, N. J.  
Slaymaker Lock Co., Lancaster, Pa.  
Taylor Mfg. Co., 3200 N. Mascher, Phila., Pa. "Taylor"  
Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Oar**

Boyer Mfg. Co., Winona Lake, Ind. "Winona"  
Corbin, P. & F., New Britain, Conn.  
Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S. E., Cleveland, O.  
Fatsco, 251 N. Fair Av., Benton Harbor, Mich.  
Graham Products Co., 1534 High, Lansing, Mich.  
Hudson Oar Lock Co., Hudson, N. Y.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
Malleable Iron Fittings Co., Branford, Conn. "M. I. F. Co."  
Miller Marine Co., 357 State, Perth Amboy, N. J.  
Minneapolis Brass & Iron Wks. Mfg. Co., Minneapolis, Minn.  
Peoria Malleable Casting Co., Peoria, Ill. "Peoria"  
Pratt (Wm. E.) Mfg. Co., Joliet, Ill.  
Rushton, J. W., Canton, N. Y.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

**LOCKS, Pad—See Padlocks****LOCKS, Personal**

Yale & Towne Mfg. Co., Stamford, Conn. "Yale"

**LOCKS, Railroad**

Climax (J. H. W.) Co., 87 Clay, Newark, N. J. "J. H. W."  
Corbin Cabinet Lock Co., New Britain, Conn.  
Eagle Lock Co., Terryville, Conn.  
Fram (E. T.) Lock Co., Lancaster, Pa.  
Kason Hdw. Corp., 127 Wallabout, B'klyn, N. Y.  
Master Lock Co., 926 W. Juneau Av., Milwaukee, Wis.  
Reese Padlock Co., Lancaster, Pa.  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Slaymaker Lock Co., Lancaster, Pa.  
Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Receiver, Milk Bottle**

Bar-Out Lox Co., 3429 E. Olympic Blvd., Los Angeles, Cal. "Safe-T-Lock"  
Selfix Lock Co., 500 Lawyers Bldg., Detroit, Mich. "Selfix"

**LOCKS, Refrigerator**

Arcade Mfg. Co., Freeport, Ill.  
Brainerd Mfg. Co., East Rochester, N. Y.  
Chicago Forging & Mfg. Co., Chicago, Ill.  
Dent Hdw. Co., Fullerton, Pa.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Grand Rapids Brass Co., Grand Rapids, Mich.  
Kason Hdw. Corp., 127 Wallabout, B'klyn, N. Y.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Lock Co., Rockford, Ill.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Payson Mfg. Co., Chicago, Ill.  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Slaymaker Lock Co., Lancaster, Pa.

**LOCKS, Rim—See Locks, Mortise and Rim****LOCKS, Robe**

Backus Novelty Co., Smethport, Pa.  
Sargent & Greenleaf, Inc., Rochester, N. Y.  
**LOCKS, Row—See Locks, Oar**

**LOCKS, Safe Deposit Box**

Corbin Cabinet Lock Co., New Britain, Conn.  
Eagle Lock Co., Terryville, Conn.  
National Lock Co., Rockford, Ill.  
Sargent & Greenleaf, Inc., Rochester, N. Y.  
Slaymaker Lock Co., Lancaster, Pa.  
Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Sash**

American Brass Goods Co., Grand Rapids, Mich.  
American Cabinet Hdw. Corp., Rockford, Ill. "Amerock," "Wintite"  
Austral Sales Co., 101 Park Av., New York, N. Y.  
Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Buol Machine Co., New Britain, Conn. "Buolock"  
Carter Products Corp., 702 Front Av., Cleveland, O. "Carter"  
Champion Hdw. Co., Geneva, O.  
Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J. "J. H. W."  
Clinton Lock Co., Clinton, Ia.  
Colonial Bronze Co., Fairmont Av., Torrington, Conn.  
Corbin, P. & F., New Britain, Conn.  
Detroit Hardware Mfg. Co., Detroit, Mich. "Mullcahy's"  
Ellis Mfg. Co., Milledale, Conn. "Sampeon"  
Fram (E. T.) Lock Co., Lancaster, Pa.  
Frantz Mfg. Co., Sterling, Ill.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Graffam Metal Products Co., Worcester, Mass. (Anti-Rattling) "King"  
Greene (G. G.) Mfg. Co., Warren, Pa.  
Hager (C) & Sons Hinge Mfg. Co., St. Louis, Mo.  
Hart Sash Holder Co., Lexington, Mo.  
Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
Ives (H. B.) Co., New Haven, Conn. "Crescent"  
Krischer Trading Corp., 210 Taafe Pl., B'klyn, N. Y. "Knight Brand"  
Lafayette Metal Products Co., 2416 San Pablo Av., Oakland, Cal.  
Lawrence Bros., Sterling, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
McKinney Mfg. Co., Pittsburgh, Pa.  
Macklinburg-Duncan Co., Oklahoma City, Okla. "Prowler-Pruf"  
Mogul Corp., 312 Hodgson Bldg., Minneapolis, Minn. "Yegg Beater"  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Lock Co., Rockford, Ill.  
National Mfg. Co., Sterling, Ill.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
Penn Hdw. Co., Reading, Pa.  
Reading Hdw. Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co., N. Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Security Sash Lock Co., 50 Mt. Vernon, Cambridge, Mass. "Security"  
Seymour Products Co., Seymour, Conn. "Wadworth"  
Sharon Hdw. Mfg. Co., Sharon, Pa.  
Shelby Metal Products Co., Shelby, O. "Positive"  
Shelby Spring Hinge Co., Shelby, O.  
Skillman Hdw. Mfg. Co., Trenton, N. J.  
Slaymaker Lock Co., Lancaster, Pa.  
Weber-Knapp Co., Jamestown, N. Y.  
Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"  
Woodruff (Walter W.) & Sons Co., Mt. Carmel, Conn.  
Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Sash, Ventilating**

Automatic Window Catch Co., Superior, Wis.  
Corbin, P. & F., New Britain, Conn.  
Ernst (Henry) Mfg. Co., Chicago, Ill. "Racine," "Racine Jr.," "Wedge-Tite"  
Fram (E. T.) Lock Co., Lancaster, Pa.  
Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill. "Grand," "Micky"  
Guaranteed Products Co., 314 Walnut, Ottawa, Kan. "Safety"  
Hart Sash Holder Co., Lexington, Mo.  
Ives (H. B.) Co., New Haven, Conn.  
Kankakee Tool & Die Wks., 367 S. Schuyler Av., Kankakee, Ill. "Realex"  
Koehler Tool & Mfg. Co., 880 Vermont Av., Dayton, O.  
Landgraf (Jos.), Inc., 255 E. 95th, Chicago, Ill. "Lanco"  
Milwaukee Stamping Co., Milwaukee, Wis. "Milwaukee"  
Payson Mfg. Co., Chicago, Ill.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Segal Lock & Hdw. Co., Inc., 395 B'way, New York, N. Y.  
Shelby Spring Hinge Co., Shelby, O.



# GRABLER Square "Gee" Malleable Pipe Fittings in

\* Small Cartons • • **at no extra  
cost to you!**



**\*ORIGINATED 24 YEARS AGO  
BY GRABLER**

*Cartons are shipped in sturdy Master  
Containers sized for convenience in  
storing, handling and re-shipping.*



## Offer you these 4 advantages:



- Easier to handle, stock and keep in order.
- Easier to inventory. Each carton contains one size and kind of fitting—label plainly identifies type, size and number of fittings.
- Protected from dirt, rust, loss, and damage until sold. Every fitting usable, salable and profitable.
- 188 different sizes; 16 different types of malleable fittings, black and galvanized; now available in small, thrifty-size cartons.

**DEALERS:** Ask your jobber for Grabler Square "Gee" malleable fittings in small conveniently-sized cartons at no extra cost to you.



**JOBBERS:** Grabler's New Ready Reference Price List is just off the press—send for your copy NOW.



**THE GRABLER MANUFACTURING COMPANY**  
6565 Broadway • Cleveland, Ohio

Warehouses: NEW YORK • CHICAGO • PHILADELPHIA • LOS ANGELES • SAN FRANCISCO • BOSTON • DALLAS • ST. LOUIS

**LOCKS, Sets, Door and House**

Accurate Hardware, Inc., 111-8th Av., New York, N. Y. "Colonial," "Esquire," "Immode," "Moderne," "President"

Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.

Best Universal Lock Co., 730 E. Washington, Indianapolis, Ind.

Champion Hdw. Co., Geneva, O.

Chantrell Hdw. & Tool Co., Fitchburg, Mass.

Chesler (J.) & Sons Co., 41 Varick Av., B'klyn, N. Y.

Clinton Lock Co., Clinton, Ia.

Corbin, P. & F., New Britain, Conn.

Eagle Lock Co., Terryville, Conn.

Earle Hdw. Mfg. Co., Reading, Pa.

Betty (H. S.) & Co., Inc., 3348 N. 10th, Phila., Pa.

Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.

Hillgren Mfg. Co., 1862 E. 67th, Los Angeles, Cal.

"Hillgren"

Jell (Francis) & Son, 401 E. 163d, New York, N.Y.

Lawrence Bros., Sterling, Ill.

Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Bor-in," "Cape Cod," "Lockwood," "Patrician," "Plas-telle," "Unifast"

National Brass Co., Grand Rapids, Mich. "Dexter," "Durallin"

National Hardware Co., 8630 103rd Av., Ozone Park, N. Y. "National"

Northwalk Lock Co., 261 B'way, New York, N. Y.

Pen Hdw. Co., Reading, Pa.

Phoenix Lock Wks., 3d Av., Newark, N. Y.

Reading Hdw. Corp., Reading, Pa.

Russell & Erwin Mfg. Co., New Britain, Conn. "Runswin"

Safe Padlock & Hardware Co., Lancaster, Pa.

Sager Lock Works of Yale & Towne Mfg. Co., N. Chicago, Ill.

Sargent & Co., New Haven, Conn.

Sargent & Greenleaf, Inc., Rochester, N. Y.

Schlage Lock Co., 20 Bay Shore Blvd., San Francisco, Cal.

Schroder (J. B.) Co., Cincinnati, O.

Segal Lock & Hdw. Co., Inc., 395 B'way, New York, N. Y. "Segalock"

Skilman Hdw. Mfg. Co., Trenton, N. J.

Slaymaker Lock Co., Lancaster, Pa.

Taylor Mfg. Co., 8200 N. Mascher, Phila., Pa. "Taylor"

Welch Bros. Co., 1625 Sheridan Rd., North Chicago, Ill.

Woodruff (W. W.) & Sons Co., Mt. Carmel, Conn.

Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKS, Spare Tire**

Cleveland Chain & Mfg. Co., Cleveland, O.

Corbin, P. & F., New Britain, Conn.

Eagle Lock Co., Terryville, Conn.

Jurd Lock Co., Almont, Mich.

Jowa Lock & Mfg. Co., Burlington, Ia.

"Lunkune Bros., Chicago, Ill.

Laster Lock Co., 926 Juneau Av., Milwaukee, Wis. "Master"

Miller (J. Walter) Co., Lancaster, Pa.

Jakes Products Corp., N. Chicago, Ill.

Teese Padlock Co., Lancaster, Pa.

Russell & Erwin Mfg. Co., New Britain, Conn. "Runswin"

Safe Padlock & Hardware Co., Lancaster, Pa.

Sargent & Co., New Haven, Conn.

Sargent & Greenleaf, Inc., Rochester, N. Y.

Slaymaker Lock Co., Lancaster, Pa. "Bumper," "Fordloc," "Universal"

Vise Lock Co., 2730 Grand Av., S.E., Cleveland, O. "Wise-Lock"

Yale & Towne Mfg. Co., Stamford, Conn.

**LOCKSMITHS' SUPPLIES AND TOOLS—See** Supplies, Tool and Locksmiths'

**LOCKS, SUB-TREASURY—See** Locks, Safe Deposit Box

**LOCKS, Telephone**

ok-A-Fone Co., 55 W. 42nd, New York, N. Y.

"Lok-A-Fone," "Sav-A-Call"

**LOCKS, Time**

Yale & Towne Mfg. Co., Stamford, Conn. "Bank-trol"

**LOCKS, Tire—See** Locks, Spare Tire

**LOCKS, Trunk and Suitcase**

American Brass Novelty Co., Grand Haven, Mich.

Amis & Call Co., Springfield, Mass. "Sesamee" (Keyless)

Corbin Cabinet Lock Co., New Britain, Conn.

Eagle Lock Co., Terryville, Conn.

Excelsior Hdw. Co., Stamford, Conn.

Milwaukee Stamping Co., Milwaukee, Wis. "Mil-waukee"

Resto Lock Corp., 100 Outwater Lane, Garfield, N. J.

Safe Padlock & Hardware Co., Lancaster, Pa.

Sargent & Greenleaf, Inc., Rochester, N. Y.

Yale & Towne Mfg. Co., Stamford, Conn.

**LOCOMOTIVE SCOOPS—See** Scoops, Locomotive

**LOCOMOTIVES, Toy—See** Trains, Toy

**LOG CHAINS—See** Chains, Log

"Master"

**LOG RULES—See** Rules Board and Log

**LOG TONGS—See** Tongs, Log

**LOGGING TOOL HANDLES—See** Handles, Logging Tool

**LOGGING TOOLS—See** Tools, Logging

**LOGS, Electric, Fireplace**

Centre Brass Wks, Inc., 72 Spring, New York, N. Y.

Copeland-Gibson Products Corp., 7451 W. Eight Mile Rd., Detroit, Mich. "Wolverine"

Hersh Electric Specialty Co., Milwaukee, Wis.

Hot-Glow Electric Mfg. Co., Buffalo, N. Y.

Rustic Crafts Co., 389 E. 165th, New York, N. Y.

Strait & Richards, Inc., Fabyan Pl. & Selvaige, Newark, N. J. "Glo-Log"

Superior Mfg. Co., Carnegie, Pa.

Universal Electric Log Co., Chicago, Ill.

**LOGS, Gas, Fireplace**

Howes (S. M.) Co., Boston, Mass.

Ohio Foundry & Mfg. Co., Steubenville, O.

Strait & Richards, Fabyan Pl. & Selvaige, Newark, N. J. "Driftwood"

Weiskittel (A.) & Sons Co., Baltimore, Md.

**LOOKOUT WINDOW MIRRORS—See** Mirrors, Window Look Out

**LOOSE-LEAF CATALOG BINDERS—See** Binders, Catalog, Loose-Leaf

**LOOSE-LEAF CATALOG COVERS—See** Covers, Catalog, Loose-Leaf

**LOPPING SHEARS—See** Shears, Lopping

**LUBRICATING DEVICES—See** Devices, Lubricating

**LUBRICATING EQUIPMENT—See** Devices, Lubricating; also Systems, Lubricating

**LUBRICATING GRAPHITE—See** Graphite, Lubricating

**LUBRICATING GREASES—See** Greases, Lubricating

**LUBRICATING OIL STORAGE SYSTEMS—See** Storage Systems, Oil

**LUBRICATING OILS—See** Oils, Lubricating

**LUBRICATING SYSTEMS—See** Systems, Lubricating

**LUBRICATORS**

American Chain & Cable Co., Inc., York, Pa. "Acco-Morrow"

Carr Fastener Co., Cambridge, Mass. "Dot"

Detroit Lubricator Co., Detroit, Mich.

Hunter Pressed Steel Co., 400 Pierce, Lansdale, Pa. "Airspring," "Uniflow"

Kellogg Mfg. Co., Rochester, N. Y.

Lincoln Engineering Co., 5701 Natural Bridge Av., St. Louis, Mo. "Lincoln"

Powell (Wm.) Co., Cincinnati, O. "Boson"

Trico Fuse Mfg. Co., Milwaukee, Wis. "Drip-Drop," "Opto-Matic"

Turner Brass Wks., Sycamore, Ill.

**LUGGAGE CARRIERS—See** Carriers, Luggage

**LUMBER CRAYONS—See** Crayons, Lumber

**LUMBER PENCILS—See** Pencils, Carpenters'

**LUMBERMEN'S TOOLS—See** article desired

**LUMINATORS, Industrial**

Hichell Co., 150 Causeway, Boston, Mass. "Red-Boy"

**LUMINOUS LAWN NUMBER SIGNS—See** Signs, Number, Lawn, Luminous

**LUMINOUS LETTERS—See** Numbers and Letters, Luminous

**LUMINOUS NUMBERS—See** Numbers and Letters, Luminous

**LUMINOUS PAINTS—See** Paints, Luminous

**LUMINOUS PENDANTS—See** Pendants, Luminous

**LUMINOUS PUSH BUTTONS—See** Buttons, Push, Luminous

**LUMINOUS SWITCH LOCATORS—See** Locators, Switch, Luminous, Radium

**LUNCH BASKETS—See** Baskets, Picnic

**LUNCH BOXES—See** Boxes, Lunch

**LUNCH VACUUM BOTTLE KITS—See** Kits, Lunch, Vacuum, Bottle

**LUNCH TABLES—See** Tables, Picnic and Lunch

**LURES, Fishing—See** Baits, Fish, Artificial and Speons and Spinners Trolling

**LYE**

Babbitt (B. T.), Inc., 384 4th Av., New York, N. Y.

Boyer Chemical Works, Ft. S. Water, Chicago, Ill.

Detroit Soda Products Co., Wyandotte, Mich.

Drackett Co., 5020 Spring Grove Av., Cincinnati, O.

Mathieson Alkali Works, 60 E. 42nd, New York, N. Y.

Myers (E.) Lye Co., Clark Av. & 3rd, St. Louis, Mo.

Pennsylvania Salt Mfg. Co., 20 N. Wacker Drive, Chicago, Ill. "Lewis"

**MACHETES**

Collins Co., Collinsville, Conn. "Collins Legitimus"

Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

Goodhue Co., 46 Colburn, Leominster, Mass.

Kelley Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kelly Standard," "Marca W. C. Kelly"

Victor Tool Co., 300 Chapel Terrace, Reading, Pa.

**MACHINE BITS—See** Bits, Machine

**MACHINE BOLTS—See** Bolts, Machine

**MACHINE, Box Strapping—See** Tighteners, Box Strapping

**MACHINE KNIVES—See** Knives, Machine

**MACHINE LAWN MOWER SHARPENERS—See** Sharpeners, Lawn Mower, Machine

**MACHINE PUNCHES—See** Punches, Blacksmiths'

**MACHINE SCREW NUTS—See** Nuts, Machine Screw

**MACHINE SCREWS—See** Screws, Machine

**MACHINERY BUSHINGS—See** Bushings, Machinery

**MACHINES—See** under kind desired

**MACHINES, Adding, Calculating, etc.**

Burroughs Adding Machine Co., Detroit, Mich.

Marchant Calculating Machine Co., Oakland, Calif. "Marchant"

National Cash Register Co., Dayton, O.

Remington Rand, Inc., 465 Washington, Buffalo, N. Y.

**MACHINES, Block, Re-Leveling, Electric, Portable**

Heath Mfg. Co., Inc., 210 Lafayette, New York, N. Y.

**MACHINES, Boring, Hand**

Barrett Mach. Tool Co., Mendville, Pa.

Ideal Commutator Dresser Co., Sycamore, Ill. "Bow-Ides"

Ingersoll Milling & Mach. Co., Rockford, Ill.

Millers Falls-Goo tell Pratt Co., Greenfield, Mass.

Snell Mfg. Co., Flakdale, Mass.

Swan (Jas.) Co., Seymour, Conn.

**MACHINES, Can Opening**

McGrath (J. T.) & Son, Bloomington, Ill.

Turner & Seymour Mfg. Co., Torrington, Conn.

"Blue Streak," "Moto Kan Master," "Star"

**MACHINES, Can Sealing**

Burpee Can Sealer Co., 218 W. Liberty, Barrington, Ill. "Burpee"

Ives Engineering Laboratories, 2212 W. Kinzie, Chicago, Ill.

National Aluminum Mfg. Co., Peoria, Ill. "Health"

National Can Co., Inc., 110 E. 42nd, New York, N. Y.

National Pressure Cooker Co., Eau Claire, Wis. "National Automatic," "National Standard"

Wisconsin Aluminum Fdry. Co., Inc., Manitowoc, Wis.

**MACHINES, Carpet Cleaning**

Chief Mfg. Co., Indianapolis, Ind.

Fay Co., Trow Bldg., 120 Madison Av., New York, N. Y. (Scrubbing & Washing)

Hild Floor Machine Co., 1313 W. Randolph, Chicago, Ill.

**MACHINES, Clipping and Shearing, Electric**

American Shearer Co., Nashua, N. H. "Speediclip" (Horse and Cattle)

Chicago Flexible Shaft Co., Chicago, Ill.

**MACHINES, Cutting, Metal**

Campbell (Andrew C.) Div. American Chain & Cable Co., Inc., Bridgeport, Conn.

Stanley Electric Tool Div., Stanley Works, New Britain, Conn. "Unishear"

**MACHINES, Dry Cleaning**

Sheffield Products Co., Cleveland, O. "Eversafe"

Standard Churn Co., Wapakoneta, O. "Spin-It-Dri"

**MACHINES, Filling, Milk Bottle**

Congo Engineering Works, Mendota, Ill. "Dairy Maid"

Manning Mfg. Co., Rutland, Vt.

Specialty Brass Co., Kenosha, Wis.

Wright (R. G.) & Co., 98 Eagle, Buffalo, N. Y.

**MACHINES, FLOOR POLISHING, ELECTRIC—See** Machines, Polishing, Scrubbing, Waxing, Floor, Electric

**MACHINES, Floor Sanding—See** Machines, Sanding and Surfacing, Floor, Electric

**MACHINES, Floor Surfacers—See** Machines, Sanding and Surfacing, Floor Electric

**MACHINES, Gas**

Generated Gas, Inc., Mahoning Bldg., Youngstown, O.

**MACHINES, Homecraft, Electric—See** Tools, Homecraft, Electric; also see articles desired

**MACHINES, Ice Cube Cutting—See** Cutters, Ice Cube

# COLDWELL *presents the* PRECISION-BUILT **BADGER** for quick turnover . . .



## and EXTRA PROFITS

HERE'S the Power Mower you've been looking for . . . already leading hardware dealers in many cities are cashing in on the precision-built COLDWELL "Badger". Backed by

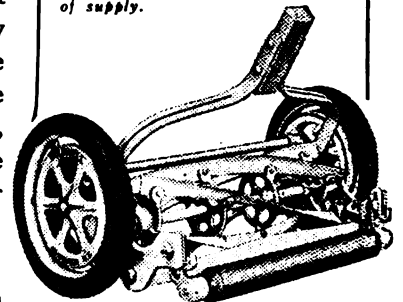
72 years of manufacturing experience, it's a Power Mower you can be proud to sell to your customers because it gives them long, trouble-free service such as ordinary machines cannot deliver. The "Badger" mows, rolls, trims; easy to operate; cuts  $\frac{1}{2}$  to  $1\frac{1}{2}$  acres per day; many exclusive features; advertised in national magazines. Write TODAY for Power Mower Brochure H and our dealer proposition.

**COLDWELL LAWN MOWER CO., NEWBURGH, N. Y.**

Also . . .

The World-Famous Line  
of COLDWELL  
Hand Lawn Mowers

THIS line of quality hand mowers is recognized everywhere as the best that money can buy. Complete line of iron wheel and rubber tired models in a wide price range. Write TODAY for Handmower Catalog H. Coldwell makes it possible for you to meet all your Power and Hand Mower needs from one dependable source of supply.



## WARNER ACCURACY TOOLS—For Painters, Paperhangers and Other Good Workmen

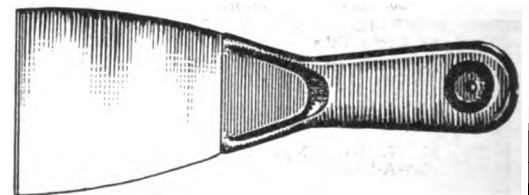
### The Warner FLOOR SCRAPER

A rugged tool with a real "bite." The curved blade is double edged so that when one edge becomes worn it may be reversed. It is also adjustable and as wear takes place from re-sharpening it may be moved forward by merely loosening the clamping screw which holds the curved steel reinforcing plate firmly against the cutting blade. This plate insures firm, even pressure and prevents chattering. Tool sides are bevelled for close-in work, and handles are shaped to afford a good grip.



All-Steel Welded Putty Knife.

Semi-stiff,  $1\frac{1}{2}$ " wide. Nothing to loosen up, split or break. Comfortable handle.



All-Steel Welded Wall Scraper.

Semi-stiff, 3" wide. Designed for heavy duty. Cannot loosen up or break.

### Line Chalking Reel

An improved line chalker easy to open for refilling with chalk. Reel positively centered because shaft passes through both sides of case. Supplied with fifty feet of line and chalk in case.

### The Warner PATCHER

Made of cutlery steel, oil-hardened and tempered to extreme toughness. A high-grade tool, filling a long felt need for something of its all around handy nature. Its combined square and trowel pointed blades, offset from the handle, are fine for running joints and other plaster patching jobs.

Carry it in your pocket without danger. When the blade is needed a light push with the thumb instantly unlocks and puts it in working position. No screws or nuts to loosen or tighten and no need to touch the blade, which may be replaced quickly by sliding it out.

**WARNER MANUFACTURING CO.**

Minneapolis ACCURACY Minnesota

Descriptive Matter **WARNER TOOLS** Sent on Request



Opens in a Flash!

The Warner  
SAFETY Razor  
Blade SCRAPER

Mention Hardware Age When Writing



## MACHINES, Insecticide, Spraying, Electric

Acme Mfg. Co., Traverse City, Mich. "Acme"  
Breuer Electric Mfg. Co., 839 Blackhawk, Chicago, Ill. "Tornado"  
Brown (W. R.) Corp., 5724 Armitage Av., Chicago, Ill. "Marvel," "Speedy"  
Dethol Mfg. Co., Inc., 922 E. N. W., Washington, D. C.  
Healthmor Sanitation Systems, Inc., 203 N. Wabash Av., Chicago, Ill. "Filter Queen"  
Tanglefoot Co., Grand Rapids, Mich. "Diffuser"  
MACHINES, Ironing—See Ironers, Electric

## MACHINES, Key Cutting

Corbin Cabinet Lock Co., New Britain, Conn.  
Harrison & Co., 264 Canal, New York, N. Y.  
Independent Lock Co., Fitchburg, Mass. "Ilico Universal," "Improved Duplex," "Improved Minute," "Universal"  
Kell (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
Kline-United Corp., 1223 Prospect Av., Cleveland, O. "United"  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Russell & Erwin Mfg. Co., New Britain, Conn. "Ruswin"  
Segal Lock & Hdw. Co., Inc., 395 B'way, New York, N. Y.  
South Allentown Machine & Tool Wks., Allentown, Pa.  
Stewart (F. W.) Mfg. Corp., 344 W. Huron, Chicago, Ill. "Circle Eas Detroit"  
Yale & Towne Mfg. Co., Stamford, Conn.

## MACHINES, Lock Mortising

Carter (R. L.) Co., New Britain, Conn. "Carter"  
Mall Tool Co., 7740 S. Chicago Av., Chicago, Ill. "Mall"  
Unit Electric Tool Co., Inc., Syracuse, N. Y. "Unit"  
Wallace (J. D.) & Co., 134 S. California Av., Chicago, Ill. "Workace"  
MACHINES, Measuring, Wire Poultry Netting—See Netting, Wire Poultry, Measuring Machines

## MACHINES, Milking—See Milking Machines

## MACHINES, Mitreing

Hardware Specialties Mfg. Co., Bruce Av., Stratford, Conn. "Bridgeport"  
Pootatuck Corp. (Lion Div.), 2444 Main, Stratford, Conn. "Lion"  
Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Marsh"

## MACHINES, Nailing

Doig (W. S.) Inc., 47 Franklin, B'klyn, N. Y.  
Holt Hardwood Flooring & Mfg. Co., 606 Bergen, Newark, N. J.  
Pearson Mfg. Co., Robbinsdale, Minn.

## MACHINES, Paint Rejuvenating

Arlington Machine Works, Inc., 668 Jenks, St. Paul, Minn. "Arlington"  
Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis. "Swirlit"  
Horst Universal Sales Co., 13630 Elmira Av., Detroit, Mich. "Universal"  
Miller Mfg. Co., 8236 Bryn Mawr Av., Chicago, Ill. "Miller"  
Miracle Paint Rejuvenator Co., Inc., 500 Robert, St. Paul, Minn. "Miracle"  
Smith (Landon P.) Inc., 130 Coit, Irvington, N. J. "Red Devil"  
Tammis Silica Co., 228 N. La Salle, Chicago, Ill. "Tammis"  
Warner Mfg. Co., 801 16th Av., S. E. Minneapolis, Minn.  
MACHINES, PAINTING—See Sprayers, Paint

## MACHINES, Polishing, Scrubbing, Steel-Wooling, and Waxing, Floor, Electric

American Floor Surfacing Machine Co., 518 S. St. Clair, Toledo, O. "American De Luxe," "American Hercules," "American Household," "American Low Boy"  
Atlas Floor Surfacing Machinery Corp., 218 E. 34th, New York, N. Y. "Floormaster"  
Campbell Machine Co., North Quincy, Mass.  
Fay Co., 130 Madison Av., New York, N. Y. "Champion," "Diamond," "Jumbo," "Majestic," "Royal"  
Innell System, Inc., 515 East, Elkhart, Ind.  
Floorola Products, Inc., York, Pa. "Floorola"  
General Floorcraft, Inc., 333 6th Av., New York, N. Y. "General"  
Iarr (John) Mfg. Co., 44 N. 4th, Phila., Pa.  
Holt Floor Machine Co., 1313 W. Randolph, Chicago, Ill. "Hushed"  
Hilger Co., St. Cloud, Minn. "Hilco"  
Holt Hardwood Flooring & Mfg. Co., 606 Bergen, Newark, N. J. "Aristocrat"  
Johnson (B. C.) & Son, Racine, Wis.  
Lent Co., Inc., Rome, N. Y.  
Lustig Loom Mfg. Co., Hanover, Pa. "Hanover"  
Manders, Ferry & Clark, New Britain, Conn. "Universal"  
Jacolin-Schluter Floor Machinery Co., Inc., 212 W. Grand Av., Chicago, Ill. "Lincoln Domestic," "Lincoln Single Disc," "Lincoln Twin Disc"  
Ponsell Floor Machine Co., 220 W. 19th, New York, N. Y.  
Porter-Cable Machine Co., 2100 N. Salina, Syracuse, N. Y.

Regina Corp., Rahway, N. J. "Regina"  
Staples (H. F.) & Co., Inc., Medford, Mass. "Staples Hot Wax"  
United Vacuum Appliance Corp., Connorsville, Ind. "Connorsville"

## MACHINES, Re-Tiring

Patented Products & Rubber Co., 4236 3rd, Detroit, Mich. "Peerless"

MACHINES, RIVETING—See Riveting Machines  
MACHINES, Rowing—See Rowing Machines

## MACHINES, Sanding, Mitre

Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Marsh"

## MACHINES, Sanding, Surfacing and Edging, Floor, Electric

American Floor Surfacing Machine Co., Toledo, O. "American Champion," "American Light Eight," "American Spinner," "American Standard," "American Universal," "Little American"  
Atlas Floor Surfacing Machinery Corp., 218 E. 34th, New York, N. Y. "Sandmaster"  
Campbell Machine Co., North Quincy, Mass.  
Clarke Sanding Machine Co., Dept. H. A-336, Muskegon, Mich. "Dreadnaught"  
Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis. "Sandit"  
Ericson Speedmatic Co., Inc., 267 Lafayette, New York, N. Y.  
General Floorcraft, Inc., 333 6th Av., New York, N. Y. "General"  
Holt Floor Machine Co., 1313 W. Randolph, Chicago, Ill. "Hushed"  
Holt Hardwood Flooring & Mfg. Co., 606 Bergen, Newark, N. J. "Whirlwind"  
Kent Co., Inc., Rome, N. Y.  
Lincoln-Schluter Floor Machinery Co., Inc., 212 W. Grand Av., Chicago, Ill. "Dustless," "Improved Schluter," "Multi-Purpose," "Speed-O-Lite"  
Ponsell Floor Machine Co., 220 W. 19th, New York, N. Y.  
Porter-Cable Machine Co., 2100 N. Salina, Syracuse, N. Y. "Speedmatic Eight," "Speedmatic Twelve"  
Reid-Way Corp., 2922 First Av., S.E., Cedar Rapids, Ia.  
St. Cloud Sanding Machine Co., St. Cloud, Minn. "Five Star General"  
Skillaw, Inc., 3310 Elston Av., Chicago, Ill. "Skillaw"  
Smith (Landon P.) Inc., 130 Coit, Irvington, N. J. "Red Devil"

## MACHINES, Saw, Sharpener

Covel-Hanchett Co., Big Rapids, Mich.  
Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Foley" (Automatic)  
Rogers (Sam'l C.) & Co., Buffalo, N. Y.

## MACHINES, Saw, Scroll, Foot and Hand Power

Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo.  
Woodcraft Mfg. Co., 2460 N. High, Columbus, O.

## MACHINES, SCRUBBING, FLOOR, ELECTRIC—See Machines, Polishing, Scrubbing, Waxing, Floor, Electric

## MACHINES, Sewing

Birch Bros., Somerville, Mass.  
Dinsmore Mfg. Co., Salem, Mass.  
Domestic Sewing Machine Co., Main Av. & Elm, Cleveland, O.  
Fales, L. F., Walpole, Mass. "Maniplier"  
Free Sewing Machine Co., Rockford, Ill. "Free Westinghouse"  
Hoge Mfg. Co., Inc., 200 5th Av., New York, N. Y. "Little Princess" (Toy)  
Leyland (Thos.) & Co., Readville, Mass.  
Metropolitan Sewing Mach. Co., Nyack, N. Y.  
National Sewing Mach. Co., Belvidere, Ill. "Eldredge"  
New Home Sewing Mach. Co., Rockford, Ill. "New Home"  
Singer Sewing Mach. Co., 149 B'way, New York, N. Y.  
White Sewing Mach. Co., Main Av. & Elm, Cleveland, O.  
Wilcox & Gibbs Sewing Mach. Co., 655 B'way, New York, N. Y.  
Williams Mfg. Co., Plattsburgh, N. Y.

## MACHINES, Sewing, Electric, Portable

Free Sewing Mach. Co., Rockford, Ill. "Free Westinghouse"  
New Home Sewing Mach. Co., Rockford, Ill. "New Home"  
Singer Sewing Machine Co., 149 B'way, New York, N. Y.  
White Sewing Mach. Co., Cleveland, O. (Treadle)  
Wilcox & Gibbs Sewing Mach. Co., 655 B'way, New York, N. Y.

## MACHINES, SHARPENING, LAWN MOWER—See Sharpeners, Lawn Mower Machines

## MACHINES, Sheet Metal Working

Dreis & Krump Mfg. Co., 7416 Loomis Blvd., Chicago, Ill.  
Helwig Mfg. Co., St. Paul, Minn. "Helwig"  
Kane & Roach, Inc., Shonard & Holland, Syracuse, N. Y.  
Niagara Machine & Tool Wks., 637 Northland Av., Buffalo, N. Y.  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Shuster (F. B.) Co., New Haven, Conn.  
MACHINES, SHOW CARD WRITING—See Show Card Writers

## MACHINES, Soldering

American Solder & Flux Co., 2152 E. Norris, Phila., Pa.  
Ames Co., 115 9th, Bklyn., N. Y.  
Bliss (E. W.) Co., 53rd & 2nd Av., Bklyn., N. Y.  
Good-All Electric Mfg. Co., Ogallala, Neb. "Good-All"  
MACHINES, STAPLING—See Nailers & Tackers, Automatic

## MACHINES, Stencil Cutting

Bradley (A. J.) Mfg. Co., 101 Beekman, New York, N. Y.  
Diagraph Stencil Machine Corp., 2917 Clark Av., St. Louis, Mo.  
Ideal Stencil Machine Co., Belleville, Ill.  
Marsh Stencil Machine Co., Belleville, Ill.  
MACHINES, SURFACING, FLOOR, ELECTRIC—See Machines, Sanding and Surfacing, Floor, Electric

## MACHINES, Tape Sealing and Moistening

Champion Gummed Products Co., 3202 Carroll Av., Chicago, Ill. "Champion"  
Dry-Tab Package Sealer Co., Inc., 717 Lakeside Av., W., Cleveland, O. "Dry-Tab"  
Ever Ready Label Corp., 141 E. 25th, New York, N. Y. "Seal-Elite"  
Hance Mfg. Co., Westerville, O.  
Minnesota Mining & Mfg. Co., St. Paul, Minn.  
Nashua Package Sealing Co., Nashua, N. H.

## MACHINES, Wire Tying

Gerrard Co., Inc., 2915 W. 47th, Chicago, Ill.

## MACHINES, Woodworking, Homecraft

Arcade Mfg. Co., Freeport, Ill. "Model Maker"  
Atlas Press Co., 841 N. Pichee, Kalamazoo, Mich. "Atlas"  
Barnes (W. F. & John) Co., Rockford, Ill.  
Beebe Bros., Inc., Seattle, Wash. "Little Out-Up"  
Blue Star Products, Fairfield, Ia. "Blue Star"  
Boice-Crane Co., 1730 Norwood Av., Toledo, O. "Boice-Crane"  
Carter (R. L.) Co., New Britain, Conn. "Carter"  
Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
Double A Products Co., Inc., Ann Arbor, Mich.  
Duro Metal Products Co., 2451-61 N. Eldare Av., Chicago, Ill.  
Ephrata Mfg. Co., Ephrata, Pa. "Artisan"  
Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis. "Shop-King"  
Heaton & Anderson, Fairfield, Ia.  
Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"  
Shaw Tool Co., Milwaukee, Wis.  
Unit Electric Tool Co., Inc., Syracuse, N. Y. "Unit"  
Walker Turner Co., Inc., 695 Bereckman, Plainfield, N. J. "Driver"  
Wallace (J. D.) & Co., 134 S. California Av., Chicago, Ill. "Workace"  
Yates-American Mach. Co., Beloit, Wis.  
MACHINERY—See under kind desired  
MACHINERY SPRINGS—See Springs, Machinery  
MACHINISTS' BENCHES—See Benches, Machinists'  
MACHINISTS' CLAMPS—See Clamps, Machinists'  
MACHINISTS' HAMMERS—See Hammers, Ball Pein, Forged Steel  
MACHINISTS' RULES—See Rules, Machinists'  
MACHINISTS' SCREW JACKS—See Jacks, Screw, Machinists'

MACHINISTS' SQUARES—See Squares, Machinists'  
MACHINISTS' TAPS—See Taps, Machinists'  
MACHINISTS' AND MECHANICS' TOOLS—See article desired

MACHINISTS' VISES—See Vises, Machinists'  
MACHINISTS' WRENCHES—See Wrenches, Engineers' and Machinists'  
MAGAZINE SCREW DRIVERS—See Screw Drivers, Magazine

MAGIC TRICKS and TRICK BOXES—See Tricks and Trick Boxes, Magic

MAGNETIC BRAD DRIVER—See Drivers, Brad, Magnetic

MAGNETIC CHUCKS—See Chucks, Magnetic  
MAGNETIC HAMMERS—See Hammers, Tack, Magnetic

## MAGNETS, Horseshoe

Crucible Steel Co. of America, 405 Lexington Av., New York, N. Y. "Little Giant"

MAIL BASKETS—See Baskets, Mail

MAIL BOXES—See Boxes, Mail

MAILING BAGS—See Bags, Mailing

MAILING SCALES—See under Scales



# They not only sell REPUBLIC STEEL PRODUCTS



Have you ever stopped to think about this fact so vital to every business—that the movement of goods across your counter and the passing of money into your cash register does not complete the sale? Through its performance in the customer's hands and its service life, the product must complete the sale by satisfying the customer.

Republic Steel Products for the Hardware Trade are made to move from you to customer—and they're processed by Republic to give the customer full value for his dollar through easy application and long, trouble-free service life. As a result, they build good-will for you and help bring customers back to you for other hardware items. Stock the complete line of Republic Products. See how well your customers receive them. Learn what they can do to help increase your business.



## REPUBLIC PIPE

Once your customers use Republic Pipe, they—like engineers, plumbers and industrial users—will prefer it. Republic Pipe is uniformly clean, straight, tightly welded and easy to cut, bend, thread and weld. It is available in wrought steel, copper-bearing steel and rust-resisting Toncan® Copper Molybdenum Iron—black or galvanized—in all standard commercial sizes. It is the ideal pipe for gas, water, steam, structural or other uses.

## REPUBLIC SHEETS AND ROOFING

The line of Republic Sheets and Roofing is complete. Quality is the same as that demanded by fabricators and sheet metal contractors. Sheets may be ordered in black, galvanized or galvanealed—flat or corrugated—and in all standard sizes and gauges. Roofing styles include self-capping roll, pressed standing seam, 2, 3 and 5-V Crimp and Triple Drain. Roofing accessories also are available.



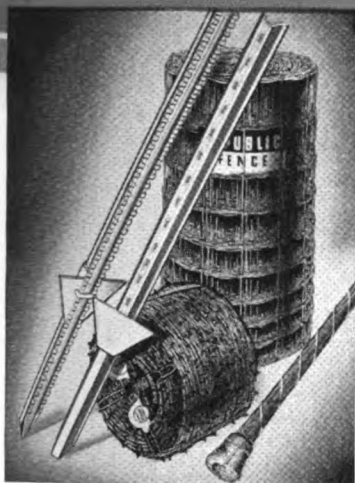
ASK YOUR HARDWARE JOBBER OR WRITE US

BERGER MANUFACTURING DIVISION • NILES STEEL PRODUCTS DIVISION  
STEEL AND TUBES DIVISION • UNION DRAWN STEEL DIVISION • TRUSCON STEEL CO.

Mention Hardware Age When Writing



# They stay sold ... for the HARDWARE TRADE



## REPUBLIC WIRE FENCING AND POSTS

Republic Woven Wire Fence is tough and strong—made of heavily galvanized, full-gauge, copper-bearing steel wire. Properly erected, it provides a tight, non-sagging fence that resists rust and defies time. It is made in a wide variety of styles and sizes. Republic Barbed Wire is equally tough and strong with long, sharp barbs firmly secured to cables on uniform spacing. Republic Fence Posts—including the popular Studded "Y" and channel styles—are made of high strength rail carbon steel—tough, strong and durable. Republic Bale Ties have just the right combination of ductility for easy tying and strength to withstand heaviest strains.



## REPUBLIC WIRE NAILS AND STAPLES

Made from specially processed steel wire, Republic Wire Nails are uniform in all respects. Their high strength, sharp points and full-formed heads make them easy to drive—in fact, all Republic Nails are made to the exacting specifications required for machine nailing. Every keg is plainly marked with size and type of nail—and is free from half nails, unpointed nails, headless nails and bent nails. You can sell every pound you buy—because of this freedom from imperfect pieces. Styles include all common, finishing, box, roofing and other commonly used types—also spikes and staples.



## REPUBLIC UPSON QUALITY BOLTS AND NUTS

The Republic Upson Quality Line of Headed and Threaded Products consists of more than 20,000 items—every one of the same uniform quality that has made the name UPSON famous throughout industry and the hardware trade for more than 85 years. Heads are full—shanks are tough and strong. Threads are clean, sharp and free-running. Nuts fit accurately and easily—because they're precision-made, and because every bolt and nut is hand-inspected before shipment. Republic Upson Quality Bolts are clean and are packed in clean, plainly labeled packages. You'll find every type your customers need in this complete line.

## STAINLESS STEEL UTENSILS OF REPUBLIC ENDURO

The wonder metal of the 20th Century—Republic Enduro\* Stainless Steel—now is available in a number of lines of cooking utensils that are as beautiful and eye-appealing in design as this lustrous metal. More and more housewives every day are turning to utensils made of Enduro. They like its gleaming beauty, its cleanliness and sanitation, its ease of cleaning, its immunity to food and fruit juices and its resistance to abuse. Enduro is solid stainless steel—with nothing to wear off. It cleans easily with soap and water—doesn't require constant scouring, scrubbing and polishing. It preserves natural food tastes—stays lustrous for life. Let us send you names of manufacturers who make utensils of Enduro.

\*Reg. U.S. Pat. Off.



FOR FULL DETAILED INFORMATION

REPUBLIC STEEL CORPORATION  
GENERAL OFFICES: CLEVELAND, OHIO

Mention Hardware Age When Writing





## Ebonettes Jump Your Household Glove Profits!

Because they're not rubber—but DuPont Neoprene, which is amazingly better.

Because they're guaranteed 6 months against damage from oils, polishes, dry cleaners, all household liquids—which quickly damage rubber. We handle the guarantee—no bother for you.

Because they're nationally advertised. Over 17 million advertisements in national women's magazines. Demand and sales sharply increased this year—we've had to more than double production.

Because they're Fair Traded at 50¢—so you can make a full profit. Because they sell on sight from a remarkable display—only 6 1/4" x 8 1/4" on your counter, each dozen assortment shipped in it. Beautiful dusty rose and black cartons.

Alert stores all over the country are now re-ordering regularly. Don't miss these easy Ebonettes profits. Ask your Wholesaler—or write us today.

The Pioneer Rubber Co., Willard, Ohio

GUARANTEED  
as advertised in  
GOOD HOUSEKEEPING

## "DOUBLE-LEVER" Action LOCKS Jaws to Work with Ton Pressure!

# WISE-GRIP WRENCH



Mechanics agree it's the  
WORLD'S GREATEST HAND TOOL!

Does more things, Faster and Easier, than any other hand tool! It is actually a vise, clamp, super-pliers, open-end wrench, locking-wrench, pipe-wrench and toggle-press—ALL IN ONE!

Exclusive "Double-Lever" action enables the grip of one hand to exert tremendous pressure—easily! LOCKS to the work, and stays locked with hands removed! Never slips. Holds anything, any shape. Quick jaw-width adjustment. Adjusts to ratchet-like action. Light, trim, handsome. Made of fine alloy steel. Nickel finish.

**FREE** COUNTER DEMONSTRATOR DISPLAY  
B'g dealer margin.

Ask your TOOL SALESMAN or SUPPLY  
HOUSE for demonstration, or write  
us for Free Folder.

**PETERSEN MFG. CO.**

Dept. HA-40

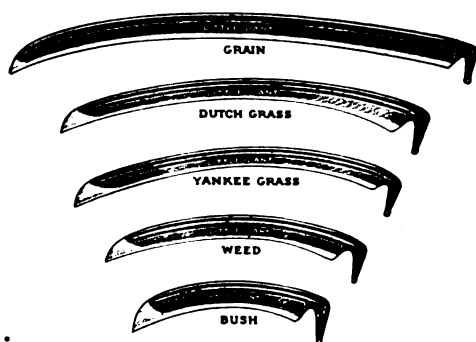
DeWitt, Nebr.

7" \$1.65  
10" 1.95



"OVER A CENTURY OF SERVICE"  
THE

## LITTLE GIANT MONITOR HEEL SCYTHE



OUR BEST SELLERS  
LITTLE GIANT

SCYTHE—GRASS HOOK—GRASS SHEAR  
BUSH HOOK—GRASS WHIP  
CORN KNIFE—WEED CUTTER  
LIGHTNING HAY KNIFE  
EARLE SPECIAL BUSH HOOK  
BROOKS CORN HOOK

**NORTH WAYNE TOOL CO.**  
OAKLAND, ME.

1835

1940

'A MOST REMARKABLE  
TOOL FOR WOODWORKING'



LET THIS  
ALL-PURPOSE  
BORING TOOL  
BUILD SALES  
FOR YOU

EVERY worker in wood—professional or amateur — can use this simple, handy tool to advantage. Forstner Auger Bits operate on an entirely different principle from ordinary bits—they are guided by a circular rim instead of a center. They bore any arc of a circle and leave a clean, polished surface. Work well in hard or cross-grain wood. Perfect for scalloping, mortising or pattern work. Ask your jobber for detailed information. If he cannot supply you, write us direct.

Sizes available: For hand and machine boring, 1/4" to 1 1/2" by sixteenths; for machine boring only, 1 1/2" to 3" by eighths. Sold singly or in sets of 9, 11 or 17 bits each, packed in wooden case.



**The PROGRESSIVE MFG. CO.**  
TORRINGTON...CONNECTICUT

**MAKERS, Whipped Cream**

Food Devices, Inc., 60 E. 42nd, New York, N. Y.  
"Nu-Whip Jr"

**MALLEABLE IRON WASHERS—See Washers, Iron.**

Malleable

**MALLEABLE WIRE ROPE CLIPS—See Clips, Wire.**

Rope, Malleable

**MALLETS, Fibre**

Kaolot Mfg. Co., 3927 N. Kedzie Av., Chicago, Ill.

**MALLETS, Rawhide**

American Raw Hide Products Co., Providence, R. I.  
Chicago Rawhide Mfg. Co., 1286 Elston Av., Chicago, Ill.

Garland Mfg. Co., Saco, Me. "Garland"  
Greene, Tweed & Co., 101 Park Av., New York, N. Y. "Empire"

Heath Mfg. Co., Inc., 210 Lafayette, New York, N. Y.

**MALLETS, Rubber Composition**

Continental Rubber Wks., Erie, Pa. "Vitalic"

Diamond Rubber Co., Inc., Akron, O.

Elastic Tap Co., 870 Atlantic Av., Boston, Mass.

Forberg Mfg. Co., Bridgeport, Conn. "Whale"

Goodrich (B. F.), Akron, O.

Goodyear Tire & Rubber Co., Akron, O.

Lavelle Rubber Co., 424 N. Wood, Chicago, Ill.

Miller Rubber Products Co., Inc., Akron, O.

Schacht Rubber Mfg. Co., Huntington, Ind.

Snyder (M. L.) & Son, 1815-75 E. York, Phila., Pa.

Stanley Tools Div., Stanley Works, New Britain, Conn.

United States Rubber Co., 1230 6th Av., New York, N. Y.

**MALLETS, Stone Cutters'**

(See also Hammers, Stone Cutters')

Brunner & Lay, Chicago, Ill.

Dalzell (Thos. H.) Co., Phila., Pa.

Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.

Stessel (Carl) & Sons Co., Front, Royal, Va.

**MALLETS, Tree Surgeons'**

Bartlett Mfg. Co., 3084 E. Grand Blvd., Detroit, Mich. (Composition)

**MALLETS, Wooden**

Allen, Chas. L., Pequabuck, Conn.

Attle, W. G., 18 Penfield, Buffalo, N. Y. "Hy-Tool"

Bogert & Hopper, 223 Varick, New York, N. Y.

Cumberland Plateau Handle Co., Crossville, Tenn.

Drew (C.) & Co., Kingston, Mass.

Shinger (Fred C.) Mfg. Co., Palmyra, Mich.

Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Field"

Hellenberg (J. B.) Co., Inc., Coldwater, Mich.

Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.

Osborne (C. S.) & Co., Harrison, N. J.

Peck, Stow & Wilcox Co., Southington, Conn.

"Pexto"

Piqua Lumbering Wood Products Co., Cleveland, O.

Prouty (C.) & Co., Eldred, Pa.

Summer (John) Faucet Co., 32 Morris Av., Newark, N. J.

Stanley Tools Div., Stanley Works, New Britain, Conn.

Stessel (Carl) Sons & Co., Front Royal, Va.

Stuck (L. W.) & Co., Bethlehem, Pa.

Union Hdw. Co., Torrington, Conn.

Warren Handle Wks. Co., Cortland, O. "Newton"

**MALTED MILK MIXERS—See Mixers, Malted Milk**

**MANDRELS**

Nirbe Bros. Mfg. Co., Plymouth, Ind.

Worse Twist Drill & Mach. Co., New Bedford, Mass.

Nicholson (W. H.) & Co., Wilkes-Barre, Pa. (Expanding)

Standard Tool Co., Cleveland, O.

Western Tool & Mfg. Co., Springfield, O. (Expanding)

**MANDRELS, Circular Saw**

Atkins (E. C.) & Co., Indianapolis, Ind.

Canedy-Otto Mfg. Co., Chicago Heights, Ill.

Decker (E. F.) Saw Wks., Albany, N. Y.

Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

Worse Twist Drill & Mach. Co., New Bedford, Mass.

Western Hdw. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Excelall"

**MAN-HOLE COVERS—See Covers, Man-Hole****MANGER DRAINERS, Stable Gutter—See Drainers, Manger, Stable Gutter****MANGERS**

Henry (B.) & Son, Manlius, N. Y.

Plak (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.

Gardner Mfg. Co., Horicon, Wis. "Ideal"

Judson (H. D.) Mfg. Co., Chicago, Ill.

Joyan Co., Louisville, Ky.

Louden Mch. Co., Fairfield, Ia.

Loch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.

Starline, Inc., Harvard, Ill. "Starline"

Sweet (A. L.) Iron Wks., Medina, N. Y.

**MANICURE BUFFERS—See Sets, Manicure****MANICURE FILES—See Files, Manicure; also Sets, Manicure****MANICURE SCISSORS—See Scissors, Manicure; also Sets, Manicure****MANICURE SETS—See Sets, Manicure****MANILA BUMPERS—See Bumpers, Manila****MANILA ROPE—See Rope, Manila****MANILA ROPE CLAMPS—See Clamps, Rope, Manila****MANILA ROPE SHEAVES—See Sheaves, Wire and Manila Rope****MANILA ROPE SLINGS—See Slings, Wire and Manila Rope****MANTEL CLOCKS—See Clocks, Alarm, Timepiece, Strike & Chime****MANTLES, Gas, Kerosene and Gasoline**

American Gas Mach. Co., Inc., Albert Lea, Miss.

"Naturalite," "Ready-Lite"

Coleman Lamp & Stove Co., Wichita, Kan. "Coleman"

Erie Gas Mantle Mfg. Co., Erie, Pa.

Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis.

"Lind-o-Lite"

Lindsay Light & Chemical Co., Welsbach Div., West Chicago, Ill. "Welsbach"

National Stamping & Electric Works, Chicago, Ill.

Radiant Products, Inc., 109 Radiant Bldg., Akron, O.

"Radiant" (Gasoline)

Sniderman (I.) Co., Pittsburgh, Pa. "Daylight," "Triplex"

Sunshine Mantle Co., Chanute, Kan. "Sunshine"

**MANUAL TRAINING BENCHES—See Benches, Cabinet Makers'****MANUAL TRAINING KNIVES—See Knives, Manual Training****MANUAL TRAINING RULES—See Rules, Manual Training****MANUAL TRAINING SAWS—See Saws, Manual Training****MANUAL TRAINING VISES—See Vises, Wood-workers'****MANURE CARRIERS—See Carriers, Manure****MANURE FERTILIZERS—See Fertilizers****MANURE FORKS—See Forks, Manure****MANURE HOOKS—See Hooks, Manure****MAPLE SUGAR EVAPORATORS—See Evaporators, Cane and Maple Sugar****MAR AND SCRATCH REMOVERS—See Removers, Mar and Scratch****MARBLE CLEANERS—See Cleaners, Porcelain, Tile and Marble****MARBLE GAMES—See Games, Pin Board****MARBLING, Playing**

Akro Agate Co., Clarksburg, W. Va.

Master Marble Co., Clarksburg, W. Va.

Peltier Glass Co., Ottawa, Ill.

Ravenna Ceramics Corp., 635 S. Prospect, Ravenna, O.

Rosenthal Co., 45 E. 17th, New York, N. Y.

Vitro-Agate Co., Parkersburg, W. Va.

**MARINE ANCHORS—See Anchors, Boat, Ship, etc.****MARINE CEMENT—See Cement, Marine****MARINE GLUE—See Glue, Marine****MARINE HARDWARE**

(See also article desired)

Adams & Westlake Co., Chicago, Ill.

Bonney Forge & Tool Wks., Allentown, Pa.

Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.

Climax (J. H. W.) Co., 87 Clay, Newark, N. J.

"J. H. W."

Corbin, P. & F., New Britain, Conn.

Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S. E., Cleveland, O.

Fiwale Equipment Mfg. Co., 64 Reads, New York, N. Y.

Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.

Independent Foundry Co., Portland, Ore.

Keil (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.

Laughlin (Thos.) Co., 199 Fore, Portland, Me.

Maine Steel, Inc., South Portland, Me. "Hex-M"

Malleable Iron Fittings Co., 10 Nichols, Branford, Conn. "M. I. F. Co."

Merrill Bros., Maspeth, N. Y.

Miller Marine Co., 357 State, Perth Amboy, N. J.

Neptune Hdw. Mfg. Co., 70 Duane, New York, N. Y.

Norwalk Lock Co., 261 B'way, New York, N. Y.

Perkins Marine Lamp Corp., 1943 Pitkin Av., B'klyn, N. Y.

Phoenix Lock Wks., 3d Av., Newark, N. J.

Rostand Mfg. Co., Milford, Conn.

Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"

Safe Padlock & Hardware Co., Lancaster, Pa.

Sargent & Co., New Haven, Conn.

Slaymaker Lock Co., Lancaster, Pa.

Torrey Roller Bushing Wks., Bath, Me.

Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

Willis (E. J.) Co., 91 Chambers, New York, N. Y.

"Wilco"

**MARINE LIGHTS—See Lights, Marine****MARINE PAINTS—See Paints, Marine****MARINE WINDOW SASH BALANCES—See Balances, Sash****MARKERS, Cattle and Stock**

Burch (F. B.) & Co., Chicago, Ill.

Dana, C. H., West Lebanon, New Hampshire

Decker Mfg. Co., Keokuk, Ia.

Ketchum Mfg. Co., Luzerne, N. Y.

Moore Bros. Corp. of Albany, 83 Green, Albany, N. Y.

National Band & Tag Co., Inc., Newport, Ky.

Salt Lake Stamp Co., Salt Lake City, Utah

Stearns (E. C.) & Co., Syracuse, N. Y.

**MARKERS, Field, Athletic**

Lane (M. R.) & Sons, Inc., Ardmore, Pa. "Excelsior"

Tamms Silica Co., 228 N. LaSalle, Chicago, Ill.

Zephyr Products, Akron, O.

**MARKERS, Golf Ball**

Bates, H. O., 251 N. Broad, Elizabeth, N. J.

Cainame Co., Cincinnati, O.

Globe Name Embosser Co., Dayton, O.

Swinston Co., Union Trust Bldg., Pittsburgh, Pa.

"Jem"

**MARKERS, Grave**

Colonial Brass Co., Middleboro, Mass.

Erco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.

Goodell (James M.) Co., 154 No. Laramie Av., Chicago, Ill.

Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

Turner Brass Wks., Sycamore, Ill.

**MARKERS, Parkway**

Hanson (C. H.) Co., 303 W. Erie, Chicago, Ill.

**MARKERS, Pigeon—See Bands, Leg, Poultry****MARKERS, Plant**

Alto Mfg. Co., Chicago, Ill.

Carpenter (E. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn.

Chase (Benj.) Co., Derry, New Hampshire

Cummington Mfg. Co., Cummington, Mass.

Garden Label Co., Wilton, Conn.

Gogel (Walter A.) Co., 238 S. Erie, Toledo, O.

Ideal Mfg. Co., Des Moines, Ia.

March Automatic Irrigation Co., Muskegon, Mich.

Mit-Shel Stamping Mfg. Co., Quincy, Ill.

National Band & Tag Co., Newport, Ky.

S-W Supply Co., Girard, Kan.

Schollborn (Wm.) Co., 416 Chapel, New Haven, Conn. "Bernard"

Seed Filter & Mfg. Co., Inc., 343 B'way, New York, N. Y. "Seeco"

Stewart (Chas.) Co., Roseland, N. J. "Celex"

**MARKERS, Poultry—See Bands, Leg, Poultry****MARKERS, Tennis Court**

Ferse (F. C.) Co., Narberth, Pa. "Teniko"

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

Hoppe Webbing Co., Providence, R. I.

Rawlings Mfg. Co., St. Louis, Mo.

Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.

Spalding (A. G.) & Bros., Chicopee, Mass.

**MARKERS, Tile**

Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo.

"Trowel Brand"

Holtum Mfg. Co., Freeport, Ill.

Marshalltown Trowel Co., Marshalltown, Ia.

Plomb Tool Co., Los Angeles, Cal.

**MARKERS, Traffic**

Littleford Bros., Cincinnati, O.

Marion Mach., Fdry. & Supply Co., Marion, Ind.

Sterling Fdry. Co., Sterling, Ill.

West's Steel Co., Williamsport, Pa.

**MARKET BASKETS—See Baskets, Market****MARKING AWLS—See Awls, Scratch****MARKING CRAYONS—See Crayons****MARKING DEVICES, Tin Can—See Devices, Marking, Tin Can****MARKING INKS—See Inks, Marking****MARKING PAINTS—See Paints, Zone Marking; also Paints, Marking, Solidified****MARKING TACKS—See Nails, Screen or Numeral****MARKING TAGS—See Tags, Marking****MARKING TAPE—See Tape, Marking****MARLIN SPIKES—See Spikes, Marlin****MASHERS, Potato**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.

Anstice (Josiah) & Co., Rochester, N. Y. "Sterling"

"Alley Mfg. Co., Berlin, Conn. "Flo-N"

Carpenter (E. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn.

Chief Products Co., 701 E. 59th, Los Angeles, Cal.

"Chief"

Cincinnati Galvanizing Co., Cincinnati, O. "King"

Colebrookdale Iron Co., Dept. C, Boyertown, Pa. "Sanitary"

**MASHERS, Potato (Continued)**

Columbian Enameling & Stamping Co., Terre Haute, Ind. "Kice-it"  
 Coughlan (G. N.) Co., 423 Alden, Orange, N. J.  
 Gatch Wire Goods Co., 801 Buren, Baltimore, Md.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 "Crown"  
 Handy Things Mfg. Co., Ludington, Mich.  
 Hodges (Wm.) Co., Phila., Pa.  
 Landers, Frary & Clark, New Britain, Conn.  
 Piqua Munising Wood Products Co., Cleveland, O.  
 P. M. C. Mfg. Corp., Phenicia, N. Y.  
 Quadriga Mfg. Co., Chicago, Ill. "Chef"  
 Racine Iron & Wire Wks., Racine, Wis.  
 Read Mfg. Co., York, Pa. (Electric)  
 Sommer (John) Faucet Co., 32 Morris Av., Newark, N. J.  
 Standard Aluminum Co., Two Rivers, Wis.  
 Stoware, Inc., Stowe, Vt.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 "Blue Street"  
 United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Uni Tool"  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
 Wallace Bros., Wallingford, Conn.  
 Washburn Company, Worcester, Mass. "Sno-Cap"  
 Wrightsville Hdw. Co., Wrightsville, Pa.  
**MASKING TAPE**—See Tape, Masking

**MASKS, Catchers'**

Denkert (M.) Co., Johnstown, N. Y.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 McKinnon Leather Products Corp., 252 Amherst, Buffalo, N. Y.  
 Parker Wire Goods Co., Worcester, Mass.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**MASKS, Face**

American Mask Mfg. Co., Findlay, O.  
 Dessart Bros., 503 Metropolitan Av., B'klyn, N. Y.  
 Newark Mask Co., Inc., 270 Ellis Av., Irvington, N. J.  
 Victory Mask Co., Inc., 30 Cooper Square, New York, N. Y.

**MASON FRUIT JAR CAPS**—See Caps, Fruit Jar

**MASONRY NAILS**—See Nails, Masonry

**MASONRY SCAFFOLDS**—See Scaffolds, Masonry

**MASONS' BRICK TRIMMERS**—See Trimmers, Brick

**MASONS' HAMMERS**—See Hammers, Masons'

**MASONS' JOINTERS**—See Jointers, Masons'

**MASONS' LINE REELS**—See Reels, Line, Chalk and Masons'

**MASONS' LINES**—See Lines, Chalk and Masons'

**MASONS' TOOL BAGS**—See Bags or Rolls, Tool

**MASONS' TOOLS**—See Tools, Masons'

**MASONS' TROWELS**—See Trowels, Plasterers' Masons', Pointing, Etc.

**MAST FITTINGS, Radio**—See Fittings, Mast, Radio

**MASTIC CEMENT**—See Cement, Mastic

**MASTICATORS, Meat**—See Pounders, Steak

**MATCH BOX HOLDERS**—See Holders, Match Box

**MATCH BOXES**—See Boxes, Match

**MATCH SAFES**—See Safes, Match

**MATHEMATICAL INSTRUMENTS**—See Instruments, Mathematical

**MATS, Auto-Tire**

Burton Mat Co., 175 Belmont Av., B'klyn, N. Y.  
 "Safety"  
 Cincinnati Mat Co., 105 W. Court, Cincinnati, O.  
 "Cinco"  
 Cooperative Crafts, Inc., 175 S. Lexington Av., White Plains, N. Y.  
 Durable Mat Co., 777 Brook, Akron, O. "Durable," "Herringbone"  
 Tirex Mat Co., Inc., 3045 Broad Creek Rd., Norfolk, Va.  
 Utility Mat Co., 682 Stone Av., B'klyn, N. Y.

**MATS and MATTING, Cocoa**

American Mat & Matting Co., Inc., 67 Wall, New York, N. Y.  
 Burton Mat Co., 175 Belmont Av., B'klyn, N. Y.  
 Kempf (Wm. F.) & Son, Phila., Pa.  
 Mekins-McKinnon, Inc., Lockport, N. Y.  
 Wissenbach, F., 184 John, Clinton, Mass. "Clinton"

**MATS, Bath Tub, Rubber**

Buxbaum Co., Canton, O. "Akromat"  
 Cantalip Mfg. Co., 38 Murray Av., New York, N. Y.  
 Continental Rubber Wks., Erie, Pa.  
 Essex Rubber Co., Trenton, N. J.  
 Footsore Co., Inc., 1220 Maple Av., Los Angeles, Cal. "Footsore"  
 Jackson (O. W.) & Co., Inc., 290 Fifth Av., N. Y. C. "Protect-O-Bathmat"  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.

Kleinert (I. B.) Rubber Co., 485 Fifth Av., New York, N. Y. "Sav-A-Fall"  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill. "Security"  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 R. C. A. Rubber Co., Akron, O.  
 Rainbow Rubber Co., Butler, Pa. "Non-Slip"  
 Sun Rubber Co., Barberton, O.  
 Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
 United States Rubber Co., 1230 6th Av., New York, N. Y.  
 Wooster Rubber Co., Wooster, O. "Rubbermaid"

**MATS, Blasting**

Anchor Blasting Mat & Rope Co., 245 E. 32nd, New York, N. Y.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.

**MATS, Door, Brush**

South Bend Mat Co., 512 Citizens Bank Bldg., South Bend, Ind.

**MATS, Door, Steel, Flexible**

Acme Steel Co., 2333 Archer Av., Chicago, Ill.  
 Cyclone Fence Co., Waukegan, Ill. "Red Tag"  
 Fernald Mfg. Co., North East Pa., "Sleeth"  
 Keystone Wire Matting Co., Beaver Falls, Pa.  
 La Porte Mat & Mfg. Co., La Porte, Ind. "Her-cules"

**MATS, Drinking Glass, Rubber**

Essex Rubber Co., Inc., Trenton, N. J.  
 Kelly-Springfield Tire Co., Cumberland, Md. "Roy-lace Kelmats"  
 Lee Tire & Rubber Co., Conshohocken, Pa.

**MATS, Felt Base**

Armstrong Cork Co., Lancaster, Pa.  
 Carthage Mills, Inc., 124 W. 66th, Cincinnati, O.  
 Congoleum-Nairn, Inc., Kearny, N. J. "Excello"  
 Sloane-Blabon Corp., 295 Fifth Av., New York, N. Y. "Sloane-Blabon"

**MATS FOR RETAIL ADVERTISING**—See Electrotypes, for Retail Advertising

**MATS, Gymnasium**

Baker-Lockwood Mfg. Co., Inc., Kansas City, Mo.  
 Daniels (C. R.) Inc., 101 Crosby, New York, N. Y.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stanley (Wm. W.) Co., Inc., 359 B'way, New York, N. Y.  
 Tothill, W. S., Chicago, Ill.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.

**MATS, Rubber**

Acme Rubber Mfg. Co., Trenton, N. J.  
 Anchor Rubber Products, Inc., Cleveland, O. "Anchor"  
 Atlanta Mat Co., 487 Piedmont Av., N. E., Atlanta, Ga.  
 Atlantic Mfg. Co., Wilmington, Del.  
 Arafe (Geo. J.) Co., 38 High, Boston, Mass.  
 Auburn Rubber Corp., Auburn, Ind. "Duro," "Peg"  
 Boston Woven Hose & Rubber Co., Cambridge, Mass. "Bull Dog," "Everkleen," "Tiger"  
 Burton Mat Co., 175 Belmont Av., B'klyn, N. Y. "Charm," "Colortex," "Fancy Link," "Lino-Link," "Tint-Tex," "Weavetex"  
 Buxbaum Co., Canton, O. "Akromat" (Link Molded)  
 Cambridge Rubber Co., Cambridge, Mass.  
 Consolidated Mat Sales Co., 487 Piedmont Av., N. E., Atlanta, Ga.  
 Continental Rubber Wks., Erie, Pa.  
 Diamond Rubber Co., Inc., Akron, O. "Gulf," "Switchboard"  
 Durable Mat Co., 777 Brook, Akron, O. "Durable," "Herringbone"  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumac"  
 Eclat Rubber Co., Akron, O.  
 Elastic Tip Co., 370 Atlantic Av., Boston, Mass.  
 Essex Rubber Co., Trenton, N. J.  
 Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.  
 Globe Rubber Wks., Inc., Boston, Mass.  
 Goodrich (B. F.), Akron, O.  
 Gross, Wm. M., Sharon, Pa. "E-Z Kleen"  
 Hamilton Rubber Mfg. Co., Trenton, N. J.  
 Hewitt-Gutta Percha Rubber Corp., Buffalo, N. Y.  
 Jackson (O. W.) & Co., Inc., 290 Fifth Av., New York, N. Y.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa. (Door & Drain Board)  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill. "Lucky Strike"  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Manhattan Rubber Mfg. Div. Raybestos-Manhattan, Inc., Willette, Passaic, N. J.  
 Netherland Rubber Co., Cincinnati, O.  
 Owen Rubber Products, Inc., Akron, O.  
 Pennsylvania Rubber Co. of America, Inc., Jeanette, Pa.  
 Phoenix Manufacturing Company, Joliet, Ill.  
 Phoenix Rubber Co., 9205 Detroit Av., Cleveland, O. "Phoenix"  
 Pioneer Rubber Mills, San Francisco, Cal.  
 Quaker Rubber Corp., 4915 Comly, Phila., Pa. "Quaker"  
 R-C-A Rubber Co., Akron, O. "Ace," "Diamond," "Link"  
 Republic Rubber Co., Youngstown, O.  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 Sun Rubber Co., Barberton, O. "Sunruco"

Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa. (Drain Board)  
 Tyremat Co. of America, Inc., 295 5th Av., New York, N. Y.  
 Union Rubber & Asbestos Co., Trenton, N. J.  
 United States Rubber Co., 1230 6th Av., New York, N. Y.  
 Wooster Rubber Co., Wooster, O. "Rubbermaid"  
 Woven Steel Hose & Rubber Co., Trenton, N. J.

**MATS, Sink**

Buxbaum Co., Canton, O.  
 Cantalip Mfg. Co., 38 Murray, New York, N. Y.  
 Eclat Rubber Co., Akron, O.  
 Essex Rubber Co., Trenton, N. J.  
 Euclid Mfg. Co., Hasbrouck Heights, N. J.  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Owen Rubber Products, Inc., Akron, O.  
 Rainbow Rubber Co., Butler, Pa.  
 R-C-A Rubber Co., Akron, O.  
 Sun Rubber Co., Barberton, O.  
 Wells (Frank B.) Co., Bristol, N. H.  
 Wooster Rubber Co., Wooster, O. "Rubbermaid"

**MATS, Stove, Asbestos**

(See also Boards, Stoves)  
 Ballonoff Metal Products Co., 5800 Kinsman Rd., Cleveland, O.  
 Belloch (I.) & Sons, Inc., 155 Wooster, New York, N. Y.  
 Hall & Carpenter, Phila., Pa. "Crown"  
 New Standard Corp., Mt. Joy, Pa.  
 Snyder (Wm. J.) Co., Cleveland, O.

**MATS, Table, Asbestos**

Asbestos Products Co., Exeter, N. H. "Bunker Hill"  
 Brewer (Chas. A.) & Sons, 6320 Harvard Av., Chicago, Ill.  
 Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
 Hall & Carpenter, Phila., Pa. "Crown"  
 Pioneer Table Mat Co., 118 Noble Court, Cleveland, O.

**MATS, Table, Ventilated**

Lydon-Bricher Mfg. Co., St. Paul, Minn. "McKay"

**MATTING, Rubber**—See Mats, Rubber

**MATTINGS, Cocoa**—See Mats and Mattings, Cocoa

**MATTOCKS**—See Hoes Grub and Mattocks

**MATRESS NEEDLES**—See Needles, Upholstery and Mattress

**MATRESS WIRE**—See Wire, Mattress

**MATRESSES, Air**

American Pad & Textile Co., Greenfield, O. "Ta-Pat-Co"  
 Berg (F. O.) Co., Spokane, Wash.  
 Hodgman Rubber Co., Framingham, Mass. "Camp-lite"  
 K & W Rubber Co., Delaware, O. "Airo"  
 Wall (Dick) Camp Goods Co., Athol, Mass. "Brownie," "Outing," "Sanitary"

**MAULS**

Acme Forge Wks., Inc., Seattle, Wash. "Acme"  
 Adams Foundry, Rome, N. Y.  
 Chance Co., Centralia, Mo.  
 Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill. (Rawhide)  
 Ehinger (Fred C.) Mfg. Co., Palmyra, Mich.  
 Evansville Tool Wks. Div. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Evansville"  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Plumb (Fayette R.), Inc., Phila., Pa.  
 Prouty (C.) & Co., Eldred, Pa.  
 Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Stossel (Carl) & Sons Co., Front Royal, Va.  
 Swett (A. L.) Iron Works, 149 Glenwood Av., Medina, N. Y.  
 Wagner Mfg. Co., Sidney, O.  
 Warren Axe & Tool Co., Warren, Pa. "Bull Dog"  
 Warren Handle Wks. Co., Cortland, O.  
 Warren Tool Corp., Warren, O. "Quikwerk," "Slug Devil"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Wks., Verona, Pa.

**MAULS, Post**

American Scale Co., Kansas City, Mo.  
 Caledonia Bean Harvester Wks., Caledonia, N. Y.  
 Chance Co., Centralia, Mo.  
 Dalton Foundries, Inc., Warsaw, Ind. "Big Boy"  
 Dutton (E. Q.) & Co., Cato, N. Y.  
 Eagle Mach. Co., Lancaster, O.  
 Indiana Fdry. Co., Indiana, Pa.  
 Johnston & Jennings Co., 877 Addison Rd., Cleveland, O.  
 Laurelton Fdry. Co., Laurelton, Pa.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Sperry (D. R.) & Co., Batavia, Ill.  
 Western Fdry. & Sash Weight Co., St. Louis, Mo.

**MAULS, Railroad Spike**

Acme Forge Works, Inc., Seattle, Wash.  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Plumb (Fayette) Inc., 4837 James, Phila., Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Works, Verona, Pa.

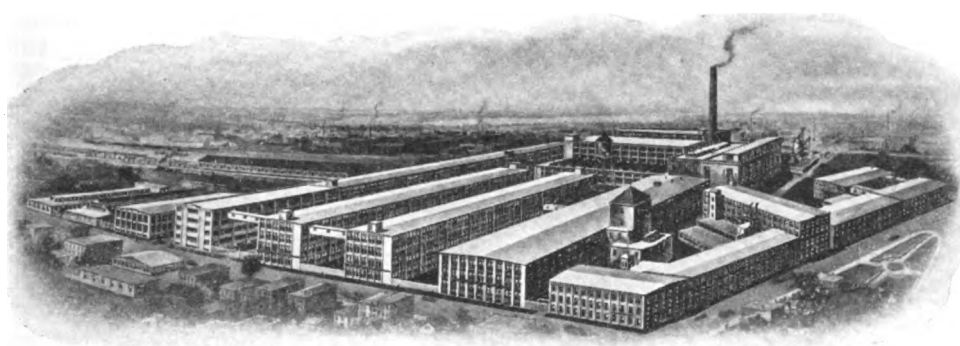




# THE BOSTON WOVEN HOSE AND RUBBER COMPANY

*has served the Hardware Trade for 63 years*

Established in 1878, this company has consistently kept in the front line as one of the country's leading manufacturers of Garden Hose, Spray Nozzles, Fruit Jar Rubbers, Friction Tape, Belting, Industrial Hose for every purpose, and miscellaneous mechanical rubber goods.



**Consult the following pages for detailed description of the BWH line of fast-selling leaders for the Hardware Trade.**

# B.W.H. GARDEN HOSE *Sensational Value*

A complete line of garden hose with everything you need — the right quality, the right price, and the right merchandising set-up. It consists of *four quick-selling brands* each designed to be a leader in its class, and to fill a definite garden-hose demand. The line is competitive in price, and you pay no more for the aggressive sale stimulation we give it, for its higher standards of material and manufacture, or for the increased customer satisfaction that it brings. Stock and sell these four B.W.H. leaders. They mean a better, easier business at a bigger profit.



## BULL DOG 2-Braid

• NONE BETTER MADE

The most durable, most serviceable, most unchallengeable garden hose that you can sell, or that your customer can buy. Superlative in material and construction. Has broad, rugged corrugations, and in color is a rich, warm, individual brown.



## VIGILANT 2-Braid

• SUPREME IN ITS GRADE

In the first class, and next highest to Bull Dog for quality in every detail. At the head of the class for selling power. VIGILANT appeals to home-owners who want a real hose at the right price.



## VIXEN 1-Braid

• FOR THE POPULAR TRADE

At a popular price, and more than a popular hose, because it gives far more for the price, like every leader in this fast-moving, money-making line; and because it is more than satisfactory at its price in quality and service.



## TIGER 1-Braid

• FOR THE PRICE PARADE

Looking for value? TIGER has it, and notably when they talk price. So notably that it will outsell any "all rubber" garden hose made to offer at a price. For in TIGER, only the price is competitive — the value is above competition.



All B.W.H. garden hose is equipped with heavy cast brass, nickel plated couplings made in our own plant.

# BOSTON WOVEN HOSE

*Package. Price. Profit*



## BULL DOG 2-Braid

Bull Dog Cord hose is packed two ways—in the new, smart cartons and in shipping containers or in the standard package with each 25- or 50-ft. length paper-wrapped in bales containing five 25- or five 50-ft. lengths.



## VIGILANT 2-Braid

Vigilant hose also comes in two styles of packaging—25- or 50-ft. lengths either paper-wrapped or cartoned. The cartons are shipped in cases containing five 50- or ten 25-ft. lengths.



## VIXEN 1-Braid

The paper-wrapped lengths of 25- or 50-ft. are shipped in bales holding five of either length. The hose in cartons comes in shipping cases containing five 50-ft. lengths or ten 25-ft. lengths.

## TIGER 1-Braid

Shipped in paper-wrapped bales containing five 25-ft. or five 50-ft. lengths.



## B.W.H. GARDEN HOSE FITTINGS

continue to offer you increased profits on garden hose sales. Concentrate on the well known brands in this famous line of Garden Hose and Fittings.



## NEW "COME-BUY" DISPLAY

Be sure to feature this display for the Boston Nozzle for 1940.



## BOSTON NOZZLE

The standard spray nozzle of the American market. Delivers more water in less time than ordinary nozzles. Complete shut-off. Sizes —  $\frac{3}{4}$ ", 1".



## ECLIPSE NOZZLE

Built along lines similar to the famous Boston Nozzle but lighter in type and lower in price.



## Challenge NOZZLE

A new member of the B.W.H. family. Standard nozzle construction with a barrel of modernistic pattern.



**& RUBBER COMPANY BOSTON MASS.**



# GOOD LUCK *and* BULL DOG Jar Rubbers



All Good Luck and Bull Dog jar rubbers are packed in full color display containers holding two dozen cartons, a genuine silent salesman for the retail store.



No housewife who stands over a steaming kettle on a hot summer afternoon to can her fruits and vegetables is interested in cheap jar rubbers. She is in no mood to consider a saving of a penny or two on a dozen jars of preserves when she is putting dollars into those same jars in food product, fuel and labor.

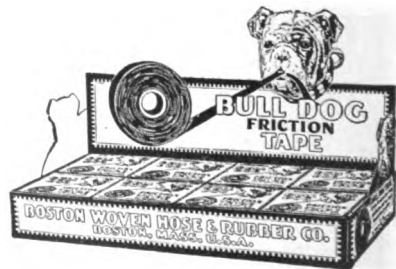
Good Luck rubbers, at less than a penny a jar (10c a dozen), are the cheapest insurance any home canner can buy.

**BULL DOG JAR RUBBERS** come red or white, single or double lip. One pull on the large, handy lip and the jar is open.

**BULL DOG JAR RUBBERS** are packed in an attractive carton. Twenty-four of these cartons are packed in a display container as shown above. A Bull Dog shipping case contains 12 gross or 6 display containers. Shipping weight 31 lbs.

## BULL DOG *Friction Tape*

**BULL DOG** friction tape not only sticks, but sticks fast, lies smooth and holds tightly. It is a splendid insulator. It keeps out water and has high dielectric strength. **BULL DOG** stays fresh in the roll and remains "tacky" and alive because there is plenty of live rubber in it.



**BOSTON WOVEN HOSE AND RUBBER COMPANY**  
BOSTON, MASS.

Mention Hardware Age When Writing

**MAULS, Wood Choppers'**

Acme Forge Works, Inc., Seattle, Wash.  
 Evansville Tool Wks., Div. of the American Fork  
 & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Works, Verona, Pa.

**MAULS, Wooden**

Cooke-Roberts Corp., Orange, Mass.  
 Hellenberg (J. B.) Co., Inc., Coldwater, Mich.  
 Lignum-Vitae Products Corp., 116 Boyd Av., Jer-  
 sey City, N. J.  
 Stossel (Carl) & Sons Co., Front Royal, Va.  
**MAYONNAISE MIXERS**—See Beaters and Whips,  
 Egg, Cream, Etc.

**MEASURES**—See Funnels and Measures  
**MEASURES, Copper**—See Measures, Liquid, Copper

**MEASURES, Dry**

(See also other headings Under Measures)

Acme Sheet Metal Co., Martins Ferry, O. "McKim"  
 Atlantic Stamping Co., Rochester, N. Y.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Hellenberg (J. B.) Co., Inc., Coldwater, Mich.  
 National Enameling & Stamping Co., 270 N. 12th,  
 Milwaukee, Wis. "Nesco"  
 Reeves Steel & Mfg. Co., Dover, O.  
 Richmond Cedar Wks., Richmond, Va. "Anchor"  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
**MEASURES, Grocers'**—See Measures, Household,  
 Grocers', Etc.

**MEASURES, Household, Grocers', Etc.**

Almo Trading & Importing Co., 3 W. 18th, New  
 York, N. Y.  
 Bremer Aluminum Corp., New Washington, O.  
 Imperial Glass Co., Bellaire, O.  
 Landers, Frary & Clark, New Britain, Conn. "Uni-  
 versal"  
 National Enameling & Stamping Co., 270 N. 12th,  
 Milwaukee, Wis. "Nesco"  
 Savory, Inc., 191 Ferry, Newark, N. J.  
 Sexton Can Co., Everett, Mass.  
 Wagner Mfg. Co., Sidney, O.

**MEASURES, Iron, Galvanized**

Crunden (Martin) Mfg. Co., St. Louis, Mo.  
 National Enameling & Stamping Co., 270 N. 12th,  
 Milwaukee, Wis. "Nesco"  
 Reeves Steel & Mfg. Co., Dover, O.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Savory, Inc., 591 Ferry, Newark, N. J.

**MEASURES, Liquid**

(See also other headings under Measures)

Almo Trading & Importing Co., Inc., 3 W. 18th, New  
 York, N. Y. (Indurated Fibre)  
 Atlantic Stamping Co., Rochester, N. Y.  
 Buckeye Aluminum Co., Wooster, O. "Buckeye"  
 Cincinnati Ball Crank Co., Cincinnati, O. "Brook-  
 ings"  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 "Cream City"  
 Huffman Mfg. Co., Dayton, O.  
 Kraft, A. C., Chicago, Ill. "Oyl-Rye"  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 National Enameling & Stamping Co., 270 N. 12th,  
 Milwaukee, Wis. "Nesco"  
 Sexton Can Co., Everett, Mass.

**MEASURES, Liquid, Copper**

Aldrich Mfg. Co., Buffalo, N. Y.  
 Buendfeld Co., 2701 Spring Grove Av., Cincinnati,  
 O. "Direct Action"  
 Metal Products Corp., 49 Chestnut, Weehawken,  
 N. J.  
 Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.  
 Sexton Can Co., Everett, Mass.

**MEASURES, Tin**

Behrens (H.) Mfg. Co., Winona, Minn.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 Kreamer (A.) Inc., 807 Kent Av., B'klyn, N. Y.  
 Sexton Can Co., Everett, Mass.

**MEASURING CHAINS—See Chains, Surveyor**  
**MEASURING CUPS**—See Cups, Measuring

**MEASURING MACHINES, Belting**

Marvel Rack Mfg. Co., Inc., 324 N. First, Minneap-  
 olis, Minn. "Marvel"

**MEASURING MACHINES, Electric Wire**

Marvel Rack Mfg. Co., Inc., 324 N. First, Minneap-  
 olis, Minn. "Marvel"

**MEASURING MACHINES, Rope**

Marvel Rack Mfg. Co., Inc., 324 N. First, Minneap-  
 olis, Minn. "Marvel"

**MEASURING MACHINES, Wire Cloth**

Cleveland Matthews Hardware Co., Pine Bluff, Ark.  
 Dalglis (J. M.) & Co., St. Paul, Minn. "Tru-  
 measure" (Also Rope, Wire, etc.)  
 Marvel Rack Mfg. Co., Inc., 324 N. First, Minneap-  
 olis, Minn. "Marvel"  
 Schriver (O. D.) Co., Cincinnati, O. "I. X. L."  
 Warner Supply Co., 827 S. 27th, Lincoln, Neb.

**MEASURING MACHINES, Wire Poultry  
 Netting**

Marvel Rack Mfg. Co., Inc., 324 N. First, Minneap-  
 olis, Minn. "Marvel"

**MEASURING MOLASSES FAUCETS**—See Fau-  
 cets, Measuring, Molasses

**MEASURING TANKS, Kerosene**—See Tanks, Ker-  
 osene, Measuring

**MEASURING TAPES**—See Tapes, Measuring

**MEAT BASTERS**—See Basters, Meat

**MEAT BOARDS**—See Boards, Meat

**MEAT CHOPPERS**—See Choppers, Meat

**MEAT CLEAVERS**—See Cleavers

**MEAT CURING COMPOUNDS**—See Compounds,  
 Meat Curing

**MEAT CURING PUMPS**—See Pumps, Meat Curing

**MEAT CUTTERS**—See Cutters, Bone; also Chop-  
 pers, Meat and Food

**MEAT HOOKS**—See Hooks, Meat

**MEAT JUICE PRESSES**—See Presses, Meat Juice

**MEAT ROASTING THERMOMETERS**—See Ther-  
 mometers, Meat Roasting

**MEAT SHAVERS**—See Slicers, Meat

**MEAT SLICERS**—See Slicers, Meat

**MEAT TENDERERS**—See Pounders, Steak

**MECHANICAL TOY BOATS**—See Boats, Toy,  
 Mechanical

**MECHANICAL DRAIN CLEANERS**—See Clean-  
 ers, Drain, Mechanical

**MECHANICAL HORNS**—See Horns, Mechanical

**MECHANICAL LEATHER BOOTS**—See Boots,  
 Leather, Mechanical

**MECHANICAL LEATHERS**—See Leathers, Mechan-  
 ical

**MECHANICAL and ELECTRICAL TOYS**

Buddy "L" Mfg. Co., East Moline, Ill.  
 Buffalo Toy & Tool Wks., Buffalo, N. Y.  
 Cheim (J.) & Co., Harrison, N. J.  
 Cummings, A. B., Attleboro, Mass.  
 Fisher-Price Toys, Inc., East Aurora, N. Y. "Bruno  
 Bak-Up," "Puppy Bak-Up"  
 Gilbert (A. C.) Co., New Haven, Conn.  
 Hoge Mfg. Co., Inc., 200 5th Av., New York, N. Y.  
 Hubley Mfg. Co., Lancaster, Pa.  
 Jefferson Electric Co., Belwood, Ill.  
 Kenton Hdw. Co., Kenton, O. "Jaeeger," "Kenton-  
 toys"  
 Kingsbury Mfg. Co., Keene, N. H.  
 Lindstrom Tool & Toy Co., Bridgeport, Conn.  
 Metal Ware Corp., Two Rivers, Wis. "Empire"  
 Stanley Works, New Britain, Conn. "Stanlo"  
 Structo Mfg. Co., Freeport, Ill.  
 Tinkertoy, Inc., Evanston, Ill. "Tinkertoys"  
 Turner (John C.) & Corp., Wapakoneta, O. "Turner-  
 ville"  
 Unique Art Mfg. Co., 200 Waverly Av., Newark,  
 N. J.  
 Wolverine Supply & Mfg. Co., Pittsburgh, Pa.  
 "Jolly Juggler," "Sandy Andy"

**MECHANICS' AND MACHINISTS' TOOLS**—See  
 article desired

**WEDALS, Rifle and Pistol Shooting**

National Target & Supply Co., 1255 25th, N. W.,  
 Washington, D. C.

**MEDICINE BALLS**—See Balls, Medicine

**MEDICINE CABINETS**—See Cabinets, Bathroom,  
 Medicine

**MEGAPHONES**

Merriman Bros., Inc., 185 Amory, Boston, Mass.  
 National Megaphone Co., Wakefield, Mass.  
 Rawlins Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.

**MELTING FURNACES**—See Furnaces and Torches.

Gasoline and Kerosene

**MELTING LADLES**—See Ladles, Melting

**MELTING POTS**—See Pots, Melting

**MELTING TORCHES**—See Torches, Melting, Gas

**MEMORANDUM ROLLS**—See Rolls, Memorandum

**MENDERS, Binder Slat**

Armstrong-Bray & Co., 304 N. Loomis, Chicago, Ill.  
 "Slatgrip"

**MENDERS, Hose**

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 "Bull Dog," "Gibbs"  
 Alsteel Mfg. Co., Battle Creek, Mich.  
 Curtis Screw Co., Inc., 17 Gull, Buffalo, N. Y.  
 "Rapid"  
 Erco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.  
 Franklin Tool Co., Buffalo, N. Y.  
 Hose Stayput Tool Co., Denver, Colo. "Stayput"  
 Keystone Brass & Rubber Co., 811 Chestnut, Phila-  
 Pa. "Keystone" (Clinging)  
 Knox Mfg. Co., Phila., Pa.  
 Nelson (L. R.) Co., Peoria, Ill. "Perfect Clinch-  
 ing"  
 Rauch Mfg. Co., Galena, Kan. "Ideal"  
 Romort Mfg. Co., Oakfield, Wis.  
 Scovill Mfg. Co., Waterbury, Conn. "Super-Clinch"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 "Long-Grip"  
 Stulp, Fred J., Muskegon, Mich.  
 Surelock Lawn Hose Coupler Co., 10th & Douglas,  
 Omaha, Neb. "Surelock"

**MENDERS, Sole & Heel**

So-Lo Works, Cincinnati, O. "So-Lo's"

**MENDING PLASTIC RUBBER**—See Rubber, Plas-  
 tic, Mending

**MENDING PLATES**—See Irens, Braces, Corner, etc.

**MERRY-GO-ROUNDS, Children's**

Arch-Horne Co., 25 West B'way, New York, N. Y.  
 Everwear Mfg. Co., Springfield, O.  
 General Playground Equipment, Inc., Kokomo, Ind.  
 Giant Mfg. Co., Council Bluffs, Ia.  
 Tothill, W. S., Chicago, Ill.

**METAL ADJUSTABLE DISPLAY COMPART-  
 MENTS**—See Compartments, Display, Adjustable,  
 Metal

**METAL AWNING BLINDS**—See Blinds, Awning,  
 Metal

**METAL, Babbitt**—See Babbitt Metal

**METAL BAND SAWS**—See Saws, Band, Metal  
 Cutting

**METAL, Bearing**—See Bearing Metal

**METAL BENDING JIGS**—See Jigs, Bending, Metal

**METAL BOATS, Toy, Mechanically Operated**—See  
 Boats, Toy, Mechanically Operated

**METAL CASEMENT PUTTY**—See Putty, Case-  
 ment, Metal

**METAL CASINGS**—See Casings, Door and Window,  
 Metal

**METAL CEILINGS**—See Ceilings, Metal

**METAL CLEANERS**—See Polishers, Metal

**METAL CLOTHES PINS**—See Pins, Clothes, Metal

**METAL COATING PAINTS**—See Paints, Metal  
 Coating

**METAL CONVEYOR BELTS**—See Belts, Conveyor,  
 Metal

**METAL, Coppered**—See Coppered Metal

**METAL CORNER BEADS**—See Beads, Corner, Metal

**METALCRAFT OUTFITS**—See Outfits, Metalcraft

**METAL CUTTING MACHINES**—See Machines, Cut-  
 ting, Metal

**METAL CUTTING SAWS**—See Saws, Metal Cutting

**METAL DISHES, Toy**—See Dishes, Toy

**METAL DOOR ASTRAGALS**—See Astragals, Door,  
 Metal

**METAL FISHING LINES**—See Lines, Fishing,  
 Metal

**METAL FOIL INSULATION**—See Insulation,  
 Reflective

**METAL FRAME WINDOW SCREENS**—See Screens,  
 Window, Metal Frame

**METAL HOT WATER BOTTLES**—See Bottles, Hot  
 Water, Metal

**METAL LATH**—See Lath, Metal

**METAL LAWN MOWER HANDLES**—See Handles,  
 Lawn Mower, Metal

**METAL LETTERS**—See Numbers and Letters, Metal

**METAL MARKING INKS**—See Inks, Metal Marking

**METAL MOULDINGS**—See Mouldings, Metal

**METAL AND NON-METALLIC GEARS**—See Gears,  
 Metal and Non-Metallic

**METAL NUMBERS**—See Numbers and Letters,  
 Metal

**METAL, Plastic**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av.,  
 B'klyn, N. Y.  
 American Products Co., 3265 Colerain Av., Cincin-  
 nati, O. "Veeco"  
 Eureka Cement Co., Chicago, Ill. "Eureka"  
 Fix-All Products, Inc., 141 W. 20th, New York,  
 N. Y.  
 Great Lakes Products Co., Trustees System Bldg.,  
 Chicago, Ill.  
 Le Page's, Inc., Gloucester, Mass. "Le Page's"  
 Lux-Visel, Inc., Elkhart, Ind. "Kristle-X," "Metal-  
 lic-X," "Universal"  
 Macklanburg-Duncan Co., Oklahoma City, Okla.  
 "Nusoder"  
 Marvel Mfg. Co., Rio Vista, Cal. "Marvel"  
 Rainbow Rubber Co., Butler, Pa. "Stik-Kwik"  
 Royal Glue Co., Baltimore, Md. "Royal"  
 Silver King Products Co., Chicago, Ill. "Silver  
 King"  
 Soldax Co., Hoosick Falls, N. Y.  
 Soldine Corp., 9224 N. Ewing Av., Niles Center, Ill.  
 So-Lo Wks., Cincinnati, O. "So-Lo's"  
 Tilette Cement Co., Inc., 401 Lafayette, New York  
 N. Y.  
 Tip-Top Products Co., 1508 Burt, Omaha, Neb.  
 "Tip-Top"  
 United Gilsonite Laboratories, Scranton, Pa.  
 "U-G-L"  
**METAL POLISHES**—See Polishers, Metal  
**METAL POT CLEANERS**—See Cleaners, Pot, Metal  
**METAL PRESERVERS**—See Preservers, Metal,  
 Wood, Leather, etc.  
**METAL PRODUCTS**—See Sheet Metal Products  
**METAL PROTECTIVE COATINGS**—See Coatings,  
 Metal, Protective  
**METAL PROTECTIVE PAINTS**—See Paints, Metal  
 Coating  
**METAL ROOFING**—See Roofing and Siding, Metal;  
 also Shingles, Metal  
**METAL ROOFING CLEATS**—See Cleats, Metal/  
 Roofing  
**METAL ROSETTES, FOR FURNITURE, ETC.**—  
 See Rosettes, Metal, For Furniture, Etc.

# ★ R E E V E S ★

## AMERICA'S HEADQUARTERS TO THE HARDWARE TRADE

for Stove and Furnace Pipe and Elbows, Wood Heaters, Stove Boards, and the following Galvanized Ware: Laundry Units, Wash Tubs, Pails, Buckets, Baskets, Measures, Coal Hods, Ash and Garbage Cans.



**REEVES Masonite-Lined STOVE BOARDS**  
8 popular sizes

We also make  
8 popular sizes  
of unlined  
STOVE BOARDS



**REEVES Copper Alloy COAL HODS**

Over 50 different numbers,  
all equipped  
with Reeves  
Self-Balancing  
Bails (pats.  
pend.)



**REEVES Ash and Garbage Cans**  
Over 35 different numbers—12 to 33 gal.  
+ cap.



**REEVES Garbage Pails**  
29 numbers—3 to 12 gal. cap.

Ash and Garbage Cans supplied with Automatic Self-Locking Cover, if desired. All embody "straight side" nestability.

## Snaplok

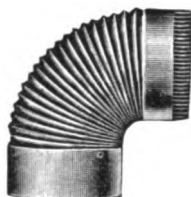
### NESTED STOVE PIPE



NO TOOLS  
REQUIRED FOR  
ASSEMBLING

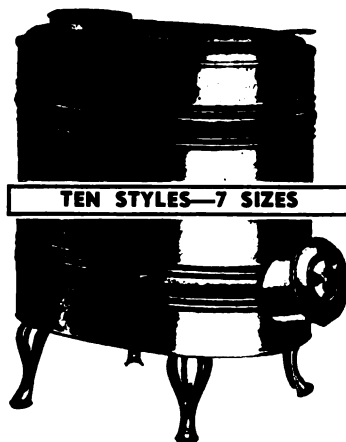
- All sizes—  
All Gauges

### ELBOWS



ONE-PIECE  
AND  
ADJUSTABLE  
ALL SIZES  
ALL GAUGES

### WOOD HEATER



**TEN STYLES—7 SIZES**

Order from Your Jobber

Catalog on Request

**REEVES** STEEL AND MFG. CO.  
DOVER, OHIO

World's Largest Makers of Pipe and Elbows  
World's Most Complete Line of Galvanized Ware

Mention Hardware Age When Writing



**REEVES Pails and Buckets**

We make Water Pails, Stock Pails, Cement Pails, Fire Pails, Well Buckets, Shipping Pails, Fruit Picking Pails, Sap Pails, Twin-Pails, and Dry or Feed Measure—in all popular sizes.



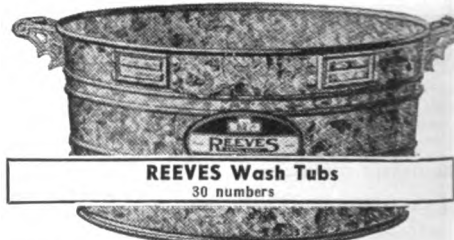
**REEVES Improved SQUARE WASH TUBS**  
9 different numbers

New, modern—the Last Word in Square Tubs.



**REEVES Laundry Units**

Furnished in singles, doubles, or triples. Also available in square tubs, singles or doubles.



**REEVES Wash Tubs**  
30 numbers

All seams zinc-sealed against leakage and corrosion.



**REEVES Corrugated Baskets**  
16 numbers, ½ bu., 1 bu., and 1½ bu.  
Riveted double bottoms. Also utility type.



**METAL SCOURING DEVICES**—See Cleaners, Pot, Metal  
**METAL SHINGLES**—See Shingles, Metal  
**METAL SIDING**—See Roofing and Siding, Metal  
**METAL SIGNS**—See Signs, Metal  
**METAL SLITTING SAWS**—See Saws, Metal Slitting  
**METAL SOLDIERS**—See Soldiers, Toy  
**METAL SPONGES**—See Sponges, Metal  
**METAL SPRAY GUNS**—See Guns, Spray, Metal  
**METAL TEA SETS**, Toy—See Sets, Tea, Toy, Metal  
**METAL TOYS**—See kind desired  
**METAL TUBULAR FURNITURE**—See Furniture, Steel, Flat & Tubular  
**METAL WEATHERSTRIP**—See Weatherstrip  
**METAL WINDOW VENTILATORS**—See Ventilators, Window, Metal  
**METAL WORKERS' CRAYONS**—See Crayons, Metal Workers  
**METAL WORKERS' TOOLS and SUPPLIES**—See article desired  
**METAL WORKING TOOLS**—See Tools, Metal and Sheet Workers  
**METALLIC GASKETS**—See Gaskets, Metallic  
**METALLIC MENDER**—See Metal, Plastic  
**METALLIC SOLDER**—See Metal, Plastic  
**METALLIC TAPES**—See Tapes, Measuring  
**METALLIC TUBING**—See Conduit, Rigid, Steel; also Conduit, Metallic, Flexible  
**METALLIC ZINC POWDERS**—See Powders, Zinc, Metallic

## METALS, Pewter

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 Belmont Smelting & Refining Works, Inc., 317 Belmont Av., B'klyn, N. Y.  
 National Lead Co., 111 B'way, New York, N. Y.  
**METERS, Oven**—See Thermometers, Oven  
**MICA CHIMNEYS**—See Chimneys, Mica  
**MICA LAMP SHADES**—See Shades, Lamp, Mica

## MICA, Stove

Asheville Mica Co., Biltmore, N. C.  
 Dutch Mica Co., 569 Lincoln Blvd., Long Beach, N. Y.  
 Mica Products Mfg. Co., 131 Prince, New York, N. Y.  
 Munsell (Eugene) & Co., 200 Varick, New York, N. Y.  
 Watson Bros., Boston, Mass.  
**MICA WASHERS**—See Washers, Mica  
**MICE EXTERMINATORS**—See Exterminators, Rat & Mice  
**MICROMETER CALIPERS**—See Calipers, Micrometer  
**MICROMETER GAGES**—See Gages, Micrometer

## MICROMETERS

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Fleming Mfg. Co., Inc., Worcester, Mass.  
 Forsberg Mfg. Co., Sea View Av., Bridgeport, Conn.  
 Great Lakes Stamping & Mfg. Co., Fassett, at N. Y. C. R. R., Toledo, O.  
 Hanson (Henry L.) Inc., 25 Union, Worcester, Mass.  
 Lufkin Rule Co., Saginaw, Mich.  
 Lyman Gun Sight Corp., Middlefield, Conn.  
 Millers Falls Co., Greenfield, Mass.  
 Reed Small Tool Wks., Worcester, Mass.  
 Sturtevant (J. T.) Co., Providence, R. I.  
 Starrett (L. S.) Co., Athol, Mass.

## MICROSCOPES

Bausch & Lomb Optical Co., Rochester, N. Y.  
 Gilbert (A. C.) Co., New Haven, Conn.  
 Meccano Co. of America, 200 Fifth Av., New York, N. Y.  
 Porter Chemical Co., Hagerstown, Md.  
 Standard Science Supply Co., 2342 Wabansia Av., Chicago, Ill.  
 Wollensak Optical Co., 872 Hudson Av., Rochester, N. Y.

**MIDGET RADIO RECEIVING SETS**—See Sets, Midget, Receiving, Radio

**MILK BOTTLE CAPPERS**—See Cappers, Milk Bottle, Hand

**MILK BOTTLE CAPS**—See Caps, Bottle, Milk

**MILK BOTTLE CARRIERS**—See Carriers, Milk Bottle

**MILK BOTTLE CONTAINERS**—See Containers, Bottle, Milk

**MILK BOTTLE CREAM DIPPERS**—See Dippers, Cream, Milk Bottle

**MILK BOTTLE CREAM SEPARATORS**—See Separators, Cream, Milk Bottle

**MILK BOTTLE FILLING MACHINES**—See Machines, Filling, Milk Bottle

**MILK BOTTLE HOLDERS**—See Holders, Milk Bottle

**MILK BOTTLE RECEIVER LOCKS**—See Locks, Receiver, Milk Bottle

**MILK CAN BRUSHES**—See Brushes, Milk Can

**MILK CAN CARRIERS**—See Carriers, Milk Can

**MILK CAN HANDLES**—See Handles, Boiler and Milk Can

**MILK CAN HOLDERS**—See Holders, Milk Can

**MILK CANS**—See Cans, Milk

**MILK CAP LIFTERS**—See Lifters, Milk Cap

**MILK CHILLERS**, Kerosene—See Coolers, Milk

**MILK COOLERS**—See Coolers, Milk and Cream

**MILK DIPPERS**—See Dippers, Milk

**MILK DISC STRAINERS**—See Strainers, Milk, Disc

**MILK FILTER DISCS**—See Strainers, Milk, Disc

**MILK AND CREAM STIRRERS**—See Stirrers, Milk and Cream

**MILK AND PACKAGE RECEIVERS**—See Receivers, Milk and Package

**MILK AND PACKAGE RECEIVING DOORS**—See Doors, Milk and Package, Receiving

**MILK PAILS**—See Pails, Milk

**MILK SCALES**—See Scales, Milk

**MILK STOOLS**—See Stools, Milking

**MILK STRAINERS**—See Strainers, Milk

**MILK TESTERS**—See Testers, Milk

## MILKING MACHINES

Anker-Holth Mfg. Co., Inc., 2700 Conner, Port Huron, Mich.  
 Babson Bros., Inc., 2843 W. 19th, Chicago, Ill.  
 "Pine Tree," "Surge"  
 Cherry-Burrell Corp., Chicago, Ill.  
 De Laval Separator Co., 165 B'way, New York, N. Y.  
 "De Laval"  
 Hinman Milking Mach. Co., Oneida, N. Y.  
 Mehring (Wm. M.) Keymar, Md.  
 Meyer, J. W., Fort Atkinson, Wis.  
 Myers-Sherman Co., 1215 E. 12th, Streator, Ill.  
 "Fords"  
 Perfection Milker Co., Inc., Minneapolis, Minn.  
 "Perfection"  
 Rite-Way Products Co., 4007 N. Tripp Av., Chicago, Ill.  
 Universal Milking Mach. Co., Waukesha, Wis.

## MILKING MACHINES, Replacement Parts, Rubber

Dairy Rubber Co., 2526 Hillegass Av., Berkeley, Cal.  
 Snyder (M. L.) & Son, 1815-75 E. York, Phila., Pa.  
**MILKING STOOLS**—See Stools, Milking  
**MILL BOARDS**—See Boards, Wall  
**MILL BROOMS**—See Brooms, Warehouse, Mill and Factory  
**MILL KNIVES**—See Knives, Mill  
**MILL SUPPLIES**—See article desired  
**MILL WHITE PAINTS**—See Paints, Mill White  
**MILLED TOOTH CIRCULAR CUT FILES**—See Files, Milled Tooth  
**MILLING CUTTERS**—See Cutters, Milling  
**MILLING MACHINE ARBORS**—See Arbors, Chuck, Lathe, Milling Machine, etc.  
**MILLING MACHINE DOGS**—See Dogs, Milling Machine

## MILLS, Bone Grinding

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.  
 "Enterprise"  
 Fry, Ralph W., Easton, Pa.  
 Howell (R. E.) & Co., Minneapolis, Minn.  
 "Little Giant"  
 Mann (F. W.) Co., Milford, Mass.  
 Mountville Mfg. Co., Mountville, Pa.  
 Rock Island Mfg. Co., Rock Island, Ill.

## MILLS and PRESSES, Cider

(See also Presses, Fruit)  
 Crown Mfg. Co., Phelps, N. Y.  
 Cutaway Harrow Co., Higganum, Conn.  
 "Farmer's Favorite"  
 Dunning & Boschert Press Co., Syracuse, N. Y.  
 Eagle Mach. Co., Lancaster, O.  
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.  
 Farquhar (A. B.) Co., Ltd., York, Pa.  
 "Monarch"  
 Hertzler & Zook Co., Belleville, Pa.  
 "H & Z"  
 Hocking Valley Mfg. Co., Lancaster, O.  
 "Bantam"  
 "Junior"  
 "Medium"  
 "Oasis"  
 "Senior"  
 Hydraulic Press Mfg. Co., Mount Gilead, O.  
 "Mount Gilead"  
 Lansing Co., Lansing, Mich.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Puffer-Hubbard Mfg. Co., Minneapolis, Minn.  
 "Orchard Queen"  
 Red Cross Mfg. Co., Bluffton, Ind.  
 White's (S. R.) Sons, Norfolk, Va.  
 "Excelsior"  
 "Valley Chief"  
 Whitehurst (R. W.) Mfg. Corp., Norfolk, Va.  
 "Boss"

## MILLS, Coffee or Spice

Arcade Mfg. Co., Freeport, Ill.  
 "Crystal"  
 Bauer Bros., Springfield, O.  
 Bell (C. S.) Co., Hillsboro, O.  
 "Bell," "Favorite," "Midget," "Model"  
 Cleveland Kleen-Kut Mfg. Co., Cleveland, O.  
 (Electric)  
 Conco Engineering Wks., Mendota, Ill.  
 "De Luxe," "Standard"  
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.  
 "Enterprise"

Hobart Mfg. Co., Troy, O. (Electric)  
 Hoe Corp., Poughkeepsie, N. Y.  
 "Mercury" (Electric)  
 Holwick, B. C., Canton, O. (Electric)  
 Kitchenaid Div. Hobart Mfg. Co., Troy, O. (Electric)  
 Landers, Frary & Clark, New Britain, Conn.  
 "Crown," "Regal," "Universal"  
 Parker (Chas.) Co., Meriden, Conn.  
 Rapid Electric Mfg. Co., 1017 N. Front, Phila., Pa.  
 Royal Electric Fixture Corp., Hornell, N. Y.  
 "Royal" (Electric)  
 Smith's (John E.) Sons Co., Buffalo, N. Y.  
 "Buffalo"  
 Stimpson Corp., Louisville, Ky. (Electric)  
 Wrightsville Hdw. Co., Wrightsville, Pa.  
 "Acme," "American Beauty," "Boss," "Brighton," "Brighton Star," "Century," "Colonial," "Diamond," "Domestic," "Excelsior," "L & S," "Monarch," "Peerless," "Perfect," "Premier," "Queen," "Sterling"

## MILLS, Corn Grinding

Barnard & Leas Mfg. Co., Moline, Ill.  
 Bell (C. S.) Co., Hillsboro, O.  
 "Bell"  
 Brinly-Hardy Co., Inc., Louisville, Ky.  
 "Red Chief"  
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.  
 "Enterprise"  
 Fate-Root-Heath Co., 1833 High, Plymouth O.  
 "Korn King"  
 Great Western Mfg. Co., Leavenworth, Kan.  
 Gump (B. F.) Co., 429 So. Clinton, Chicago, Ill.  
 Howes (S.) Co., Inc., Silver Creek, N. Y.  
 Hummer Mfg. Co., Springfield, Ill.  
 "Hummer"  
 Landers, Frary & Clark, New Britain, Conn.  
 "Corona," "Universal"  
 Nelson Bros. Co., Saginaw, Mich.  
 "Jumbo"  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Wrightsville Hdw. Co., Wrightsville, Pa.

## MILLS, Flour

Arcade Mfg. Co., Freeport, Ill.  
 Bell (C. S.) Co., Hillsboro, O.  
 "Bell," "Favorite," "Midget," "Model"  
 Gump (B. F.) Co., 429 So. Clinton, Chicago, Ill.

## MILLS, Food

Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn.  
 "Foley"  
 McDowell Mfg. Co., Millvale Sta., Pittsburgh, Pa.  
 "Dilver"

**MILLS, Spice**—See Mills, Coffee or Spice

## MILLS, Sugar and Sugar Cane

Bell (C. S.) Co., Hillsboro, O.  
 "America," "Atlas," "Climax," "Delta," "Globe," "Jumbo," "Monarch," "Monitor," "Panama," "Podaroso," "Progresso," "Trojan," "Tropic," "Western"  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill.  
 "McCormick-Deering"  
 Southern Plow Co., Columbus, Ga.

## MINCERS, Vegetable, Roll Cut

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn.  
 "Foley"  
 Manufactured Specialties Co., 1253 Voskamp, Pittsburgh, Pa.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 "Blue Streak"

**MINCING KNIVES**—See Knives, Mincing

**MINE LAMPS**—See Lamps, Mine

**MINERAL FEEDERS**—See Feeders, Salt & Mineral

**MINERAL WOOL**—See Wool, Rock

**MINERAL WOOL BATTS**—See Insulation, Batt, Mineral Wool

**MINERAL WOOL BLANKET INSULATION**—See Insulation, Blanket, Mineral Wool

**MINERS' AUGERS**—See Augers, Miners'

**MINERS' LAMPS**—See Lamps, Miners'

**MINERS' SAFETY CAPS & HATS**—See Caps & Hats, Safety, Miners'

**MINERS' TOOLS and SUPPLIES**—See article desired

**MINERS' WICKING**—See Wicking, Cotton

**MINIATURE GASOLINE ENGINES**—See Engines, Gasoline, Miniature

**MINIATURE LAMPS or BULBS**, Electric—See Lamps or Bulbs, Electric, Miniature

**MINING MACHINE BITS**—See Bits, Mining Machine

**MINING SHOVELS**—See Shovels, Mining

**MINING TOOLS**—See Tools, Mining

**MINING TOOL HANDLES**—See Handles, Hickory, Also Handles, Oak

**MINNOW BUCKETS**—See Pails, Minnow

**MINNOW PAILS**—See Pails, Minnow

**MINNOW TRAPS**—See Traps, Fish

**MINNOWS**, Artificial—See Baits, Fish, Artificial

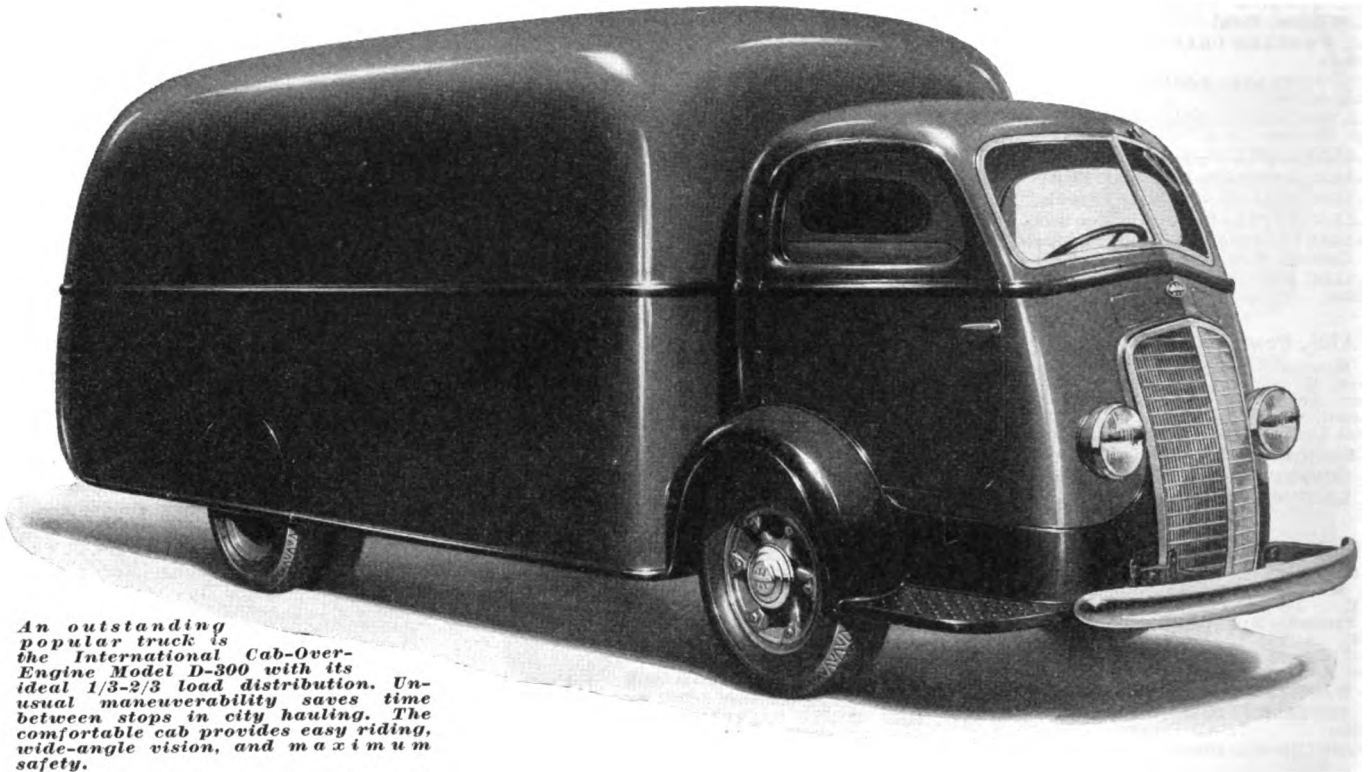
**MINNOWS**, Metal, Rubber, Wooden, etc.—See Baits, Fish, Artificial

**MIRROR MOUNTING PLATES**—See Plates, Mirror Mounting

## MIRRORS, Automobile

Bache (Semon) & Co., 636 Greenwich, New York, N. Y.  
 "Evalet"  
 Fernald Mfg. Co., North East, Pa.  
 Ideal Clamp Mfg. Co., 200 Bradford, B'klyn, N. Y.  
 "K-S"  
 Kilborn-Sauer Co., Fairfield, Conn.  
 Trico Products Corp., Buffalo, N. Y.  
 U. S. Tool & Mfg. Co., 1528 Armitage Av., Chicago, Ill.  
 "Eagle"

# All INTERNATIONALS Are All-Truck TRUCKS

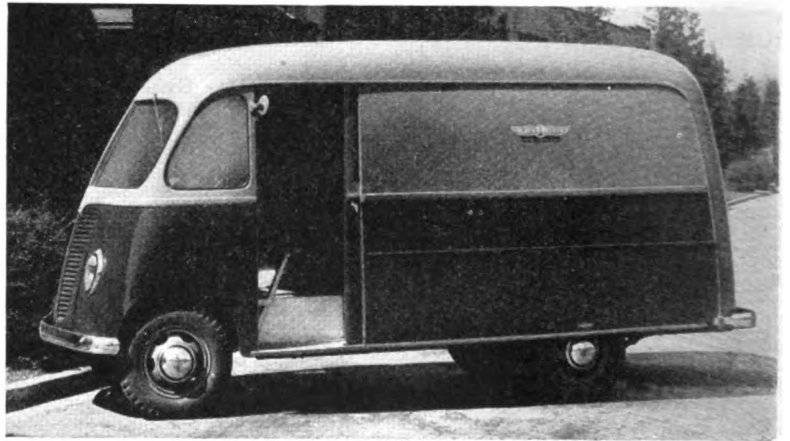


An outstanding popular truck is the International Cab-Over-Engine Model D-300 with its ideal 1/3-2/3 load distribution. Unusual maneuverability saves time between stops in city hauling. The comfortable cab provides easy riding, wide-angle vision, and maximum safety.

IN OUR modern truck factories, we deal with truck needs and *truck needs only!* Every International is a *truck* from one end to the other. It is powered by a *truck* engine, designed and built to stand up under *truck* operating conditions. The extra value built into *all-truck* Internationals as a result of this policy has made International reputation and prestige.

When you choose a truck — whether you need a heavy-duty model or one for light-duty work, consider this extra value. You wouldn't hire a sissie to dig a ditch. You'd get a two-fisted he-man who could stand the gaff. The same goes for trucks.

A phone call to the nearest International Truck dealer or Company-owned branch will bring full details concerning International Trucks for your business. The line ranges from 1/2-ton units to powerful Six-Wheelers.



Beauty, utility, economy, easy handling, driver comfort, and safety are among the many features that put International Trucks with All-Steel Metro Bodies far ahead of the field. They have double the cubic capacity of the standard panel body on the same wheelbase length. Available in two models—1/2-ton chassis and 3/4 to 1-ton chassis.

**INTERNATIONAL HARVESTER COMPANY**  
(Incorporated)

180 North Michigan Avenue

Chicago, Illinois

# INTERNATIONAL TRUCKS

Mention Hardware Age When Writing

**MIRRORS, Bathroom, Kitchen, Etc.**

Acme Specialty Mfg. Co., Toledo, O.  
 American Enamelled Products Co., Waukesha, Wis.  
 Bache (Semon) & Co., 636 Greenwich, New York, N. Y. "Evalet"  
 Baker (S. D.) Mfg. Co., 234 W. 14th, New York, N. Y. "Samsonsteel"  
 Bennett Mfg. Co., Alden, N. Y.  
 Boston Mirror Co., Boston, Mass.  
 Conant Bros., Somerville, Mass. "Eureka," "Banoid"  
 Conroy-Prugh Glass Co., Pittsburgh, Pa.  
 Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brasscrafters"  
 Hooker Glass & Paint Mfg. Co., Chicago, Ill.  
 Landers, Frary & Clark, New Britain, Conn.  
 Miami Cabinet Div., Phillip Carey Co., Middletown, O. "Miami-Carey"  
 National Metal Products Co., Waterloo, Iowa  
 Parker (Chas.) Co., Meriden, Conn.  
 Patton (John W.) & Sons, Grove City, Pa.  
 Reliable Metal Novelty Co., 18 W. 26th, New York, N. Y. "Rameco"  
 "White Steel" Sanitary Furniture Co., Grand Rapids, Mich.

**MIRRORS, Shaving**

Acme Specialty Mfg. Co., Toledo, O.  
 Bache (Semon) & Co., 636 Greenwich, New York, N. Y. "Evalet"  
 Bull Dog Floor Clip Co., Inc., Winterset, Ia. "Lux-O-Lite"  
 Conant Bros., Somerville, Mass.  
 Conroy-Prugh Glass Co., Pittsburgh, Pa.  
 Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brasscrafters"  
 G.R.S. Co., 2380 Main, Buffalo, N. Y. "Shamuir," "Utilmir," "Vanmir"  
 Landers, Frary & Clark, New Britain, Conn.  
 Metropolitan Electric Mfg. Co., 38th & Potter Av., Long Island City, N. Y. "Facelitte"  
 National Die Casting Co., 600 N. Albany Av., Chicago, Ill. "Mirollite"  
 Newton Electric Mirror, Inc., 174 Worth, New York, N. Y. "Hollywood"  
 Pocono Metal Mfg. Co., E. Stroudsburg, Pa. "Nasco"  
 Standard Mirror Co., Buffalo, N. Y.  
 Weber-Knapp Co., Jamestown, N. Y.

**MIRRORS, Window, Look Out**

Reich (M. W.) Glass Works, 449 N. American, Phila., Pa. "Thurroscope"

**MIRRORS, Windshield, Dashboard and Fender—See Mirrors, Automobile****MITRE BOX SAWS—See Saws, Mitre, Box****MITRE BOXES—See Boxes, Mitre****MITRE CLAMPS—See Clamps, Mitre****MITRE CUTTERS—See Cutters, Mitre****MITRE SANDING MACHINES—See Machines, Sander, Mitre****MITRE SQUARES—See Squares, Try and Mitre****MITRE VISES—See Vises, Mitre****MITREING MACHINES—See Machines, Mitreing****MITRES, Eave Trough**

Berger Mfg. Co. Div. Republic Steel Corp., Canton, O. "Berloy"  
 Braden Mfg. Co., Terre Haute, Ind.  
 Globe Iron Roofing & Corrugating Co., Newport, Ky.  
 Klauer Mfg. Co., Dubuque, Ia.  
 La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.  
 Milcor Steel Co., Milwaukee, Wis.  
 St. Paul Corrugating Co., St. Paul, Minn. "Easy Bead"  
 Wheeling Corrugating Co., Wheeling, W. Va.  
**MITRES AND GLOVES—See Gloves and Mitts, Canvas, Cotton, Leather, etc.**

**MITTENS, Polishing**

American Textile Products Co., 1516 Coit Av., East Cleveland, Ohio. "No-Mar"  
 Barlow Co., Inc., 193 Piemont, Waterbury, Conn.  
 Dearborn Mfg. Co., Chicago, Ill. "Kleen-Ezy"  
 Herman's Novelty Mfg. Co., 185 Clymer, B'klyn, N. Y.

**Pioneer Mfg. Co., Cleveland, O. "Shino"**

Schroeder & Tremayne, Inc., 1711 Delmar Blvd., St. Louis, Mo. "Majestic"  
 Tu-Way Products Co., 445 W. Jefferson Av., Detroit, Mich. "Tu-Way"

**MITTS, Baseball—See Gloves, Baseball****MITTS, Punching Bag—See Mitts, Striking Bag****MITTS, Striking Bag**

Cador Glove Mfg. Co., Candor, N. Y.  
 Denkert (M.) & Co., Johnstown, N. Y.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Geo-Wel Sporting Goods Co., Inc., Utica, N. Y.  
 Spaulding (A. G.) & Bros., Chicopee, Mass.  
 Still & Dean Mfg. Co., Brockton, Mass.  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**MIXED PAINTS—See Paints, Ready Mixed****MIXERS, Bread and Cake**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Atlantic Stamping Co., Rochester, N. Y.  
 Dormeyer (A. F.) Mfg. Co., Chicago, Ill.

Fitzgerald Mfg. Co., Torrington, Conn. "Fitzgerald Magic Maid" (Electric)  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lisk Mfg. Co., Canandaigua, N. Y.  
 Washburn Company, Worcester, Mass.  
**MIXERS, Cake—See Mixers, Bread and Cake**  
**MIXERS, Cement—See Mixers, Concrete**

**MIXERS, Cocktail**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Aluminum Products Co., La Grange, Ill. "Lifetimer"  
 American Metal Ware Co., 368 W. Huron, Chicago, Ill. "Krasky"  
 Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Chicago Electric Mfg. Co., 2801 S. Halsted, Chicago, Ill.  
 Chronmaster Electric Corp., 3529 W. 47th, Chicago, Ill. "Mix-All"  
 Dumore Co., Racine, Wis. "Dumore" (Electric)  
 Everedy Co., Frederick, Md. "Evercraft"  
 Graves-Pierce Mfg. Co., Inc., Friendship, N. Y.  
 Hamilton Beach Co., Racine, Wis.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Macbeth-Evans Glass Co. Div. Corning Glass Wks., Charleroi, Pa.  
 Manning, Bowman & Co., Meriden, Conn.  
 Napier Co., 339 Fifth Av., New York, N. Y. "Tells-U-How"  
 New York Stamping Co., 36 Gem, B'klyn, N. Y. "Empress Ware"  
 Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
 West Bend Aluminum Co., West Bend, Wis.  
 Wright Accessories, Inc., 40 W. 26th, New York, N. Y.

**MIXERS, Concrete, Portable**

Albany Hdw. Specialty Mfg. Co., Albany, Wis.  
 Besser Mfg. Co., Alpena, Mich.  
 Bloom (J. S.) Mfg. Co., Independence, Ia.  
 Buch Mfg. Co., Elizabethtown, Pa.  
 Chain Belt Co., 736 Park, Milwaukee, Wis. "Ree"  
 Construction Machy. Co., Waterloo, Ia. "Marsh-Capron"  
 Dellinger, A. M., Lancaster, Pa. "Peerless"  
 James Mfg. Co., Ft. Atkinson, Wis. "Jamesway"  
 Koehring Co., Milwaukee, Wis.  
 Kwik Mix Concrete Mixer Co., Port Washington, Wis.  
 Lansing Co., Lansing, Mich.  
 Leach Co., Oshkosh, Wis. "Oshkosh"  
 Nelson Bros. Co., Saginaw, Mich. "Jumbo"  
 R. & L. Concrete Machinery Co., Kendallville, Ind.  
 "Bull Dog"  
 Ransome Concrete Mch. Co., Dunellen, N. J.  
 Rammel Mfg. Co., Kewaskum, Wis.  
 Republic Iron Wks., Tecumseh, Mich.  
 Smith (T. L.) Co., Milwaukee, Wis.  
 Swift Mfg. Co., Waterloo, Ia.  
 United Engine Co., Lansing, Mich.  
 Waterloo Construction Mch. Co., Waterloo, Ia.  
 "Little Wonder Five"  
 Worthington Pump & Mch. Corp., 115 B'way, New York, N. Y. "Ingeco"

**MIXERS, Liquefier, Electric**

Bersted Mfg. Co., Fostoria, O. "Eskimo Whiz-Mix"  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "KM"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Stevens Electric Co., Racine, Wis.  
 Vidrio Products Corp., 3920 Calumet Av., Chicago, Ill. "Waldorf"  
 Waring Mixer Corp., 1697 B'way, New York, N. Y. "Waring"

**MIXERS, Malted Milk**

Chronmaster Electric Corp., 3529 W. 47th, Chicago, Ill. "Mix-All"  
 Hamilton Beach Co., Racine, Wis.

**MIXERS, Mayonnaise—See Beaters and Whips, Egg Cream, Etc.****MIXERS, Paint, Electric**

Smith (Landon P.) Inc., 130 Coit, Irvington, N. J. "Red Devil"

**MIXERS, Shower Bath**

Central Brass Mfg. Co., Cleveland, O.  
 Dick Bros., Inc., Reading, Pa.  
 Fisher Brass, Inc., Marysville, O.  
 Hays Mfg. Co., Erie, Pa.  
 Leonard-Rooke Co., Providence, R. I.  
 Powers Regulator Co., Chicago, Ill.  
 Royal Brass Mfg. Co., Cleveland, O.

**MIXERS, Water, Hot and Cold**

Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 General Hardware Mfg. Co., 16 Warren, New York, N. Y. "U. S."  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Winsted Hdw. Mfg. Co., Winsted, Conn.  
**MIXING BOWLS—See Bowls, Mixing; also Bowls, Wooden**  
**MIXING SPOONS—See Spoons, Basting and Mixing**

**MIXERS, WHIPPERS and EXTRATORS, Electric**

Alliance Mfg. Co., Alliance, O. "Power-Pakt"  
 American Mfg. Co., Dayton, O. "Pantry Pet"  
 Bersted Mfg. Co., Fostoria, O. "Eskimo Whiz-Mix"  
 Chicago Flexible Shaft Co., Chicago, Ill. "Sunbeam Mixmaster"  
 Dawn Mfg. Corp., 2811 No. Ashland Av., Chicago, Ill. "Dawn"  
 Dominion Electrical Mfg. Co., Mansfield, O. "Dominion"  
 Dormeyer (A. F.) Mfg. Co., 4316 N. Kilpatrick Av., Chicago, Ill. "Electricqueen"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Fitzgerald," "Magic Maid"  
 Geier (P. A.) Co., Cleveland, O. "Royal Cullinaire"  
 General Electric Co., Bridgeport, Conn. "HotPoint"  
 Gilbert (A. C.) Co., New Haven, Conn. "Kitchen-Kit," "Polar Cub"  
 Hamilton Beach Co., Racine, Wis.  
 Hoe Corp., Poughkeepsie, N. Y. "Merryway"  
 Kitchenaid Div. Hobart Mfg. Co., Troy, O.  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "KM," "Kwikway"  
 Landers, Frary & Clark, New Britain, Conn. "Universal Mixerbeater"  
 Master Electric Co., 100 Davis Av., Dayton, O. "Meco"  
 Miracle Products, Inc., 36 S. State, Chicago, Ill. "Invincible"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Read Machinery Co., Inc., York, Pa. "Mixonette"  
 Reynolds Electric Co., Chicago, Ill. "Reco"  
 Robbins & Meyers, Inc., Springfield, O. "Biddy," "De Luxe Biddy"  
 Samson-United Corp., Rochester, N. Y. "Red Seal"  
 Vidrio Products Corp., 3920 Calumet Av., Chicago, Ill.  
 Westinghouse Electric & Mfg. Co., Mansfield, O.  
**MODEL AIRPLANE CONSTRUCTION KITS & SUPPLIES—See Airplanes, Construction Kits & Supplies**  
**MODEL MAKING KITS & SUPPLIES—See Kits & Supplies, Modelmaking, Airplane, Automobile, Ship & Train**  
**MODEL TRAIN CONSTRUCTION KITS & SUPPLIES—See Kits & Supplies, Modelmaking, Airplane, Automobile, Ship & Train**

**MOISTENERS, Air, Radiator**

Bomar Mfg. Co., Inc., 1114 Bardstown Rd., Louisville, Ky. "Klean-Heat"  
 Diener (Geo. W.) Mfg. Co., Chicago, Ill. "Buddington"  
 Durham Mfg. Co., Muncie, Ind. "Fyt-All"  
 Eureka Blotter Bath Co., Chicago, Ill.  
 Majestic Co., Huntington, Ind.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 North Star Specialty Mfg. Co., Minneapolis, Minn. "Re-ly-O"  
 Patent Novelty Co., Fulton, Ill. "Healthifier"  
 Radiant Steel Products Co., Williamsport, Pa.  
 Shirley Corp., 330 St. Joe, Indianapolis, Ind. "Acme"  
 Specialty Mfg. Co., St. Paul, Minn. "Minnehaha," "Speco"  
 Wallace & Gale Co., 115 S. Gay, Baltimore, Md. "Lord Baltimore"  
 Weeks Valve Co., 3308 14th, N. W., Washington, D. C.  
 Woodhead (Daniel) Co., 15 N. Jefferson, Chicago, Ill. "Protex"

**MOISTENERS, Air, Register**

Bomar Mfg. Co., 1114 Bardstown Rd., Louisville, Ky. "Klean-Heat"  
 Patent Novelty Co., Fulton, Ill.  
**MOISTENING MACHINES—See Machines, Tape, Sealing and Moistening**  
**MOLASSES GATES—See Gates, Molasses**  
**MOLASSES MEASURING FAUCETS—See Faucets, Measuring, Molasses**  
**MOLASSES PUMPS—See Pumps, Molasses**  
**MOLDED PLASTIC WARE—See Ware, Molded, Plastic**  
**MOLDERS' TOOLS—See Tools, Molders'**

**MOLDS, Butter**

Creamery Package Mfg. Co., Chicago, Ill.  
 Howard Mfg. Co., Kent, Wash.  
 Piqua Munising Wood Products Co., Cleveland, O.  
 Rowe (Henry) Mfg. Co., Newaygo, Mich.  
 Stoware, Inc., Stowe, Vt.

**MOLDS, Cake, Jelly, Pudding, Etc.**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Buckeye Aluminum Co., Wooster, O. "Buckeye"  
 Carpenter (E. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn.  
 Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill. "Bake-King"  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Griswold Mfg. Co., Erie, Pa.  
 Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill. "Ovenex"  
 Kremer (A.), Inc., 307 Kent Av., Bklyn., N. Y.  
 Lalance & Grosjean Corp., Woodhaven, L. I.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 West Bend Aluminum Co., West Bend, Wis.





## Follow the Elephants to Profits

All over the country, hardware dealers are cashing in on the extra sales appeal of Iron Glue—in the new, brilliant red, yellow and black cans. These new “elephant” cans are nationally advertised, stand out on display, and are priced right. Here's the line-up:

SIZE	PACKED	WEIGHT	PER DOZ.
#10 Bottles	1 Doz.	44 lb. per gro.	\$ .80
¼ Pt. Cans	1 Doz.	6 lb. per doz.	2.40
½ Pt. Cans	1 Doz.	11 lb. per doz.	4.00
1 Pt. Cans	1 Doz.	19 lb. per doz.	6.00
1 Qt. Cans	1 Doz.	41 lb. per doz.	12.00
1 Gal. Cans	½ Doz.	136 lb. per doz.	36.00

**ASK YOUR JOBBER** for the profitable net prices to you on this new, self-selling Iron Glue line. Or write us, giving your jobber's name, for full details.

### THE McCORMICK SALES CO.

420 Light St., Baltimore, Md.  
In Canada address:  
McCormick & Co. (Canada) Ltd.  
Toronto, Ontario

**IRON GLUE**  
AN ELEPHANT FOR STRENGTH

When there's something  
to Hang Up or Pin Down  
it pays to recommend...

## MOORE PUSH-PINS PUSHLESS HANGERS THUMBTACKS

It also pays to carry the complete MOORE Line of these everyday necessities. There are sizes and types to meet all requirements... PUSH-PINS with glass or aluminum heads... PUSHLESS HANGERS from the small size, shown here, to the very large size which holds 100 lbs.... THUMB-TACKS of almost limitless variety, with nicked, brass, enameled or celluloid heads; plain, embossed, lettered or numbered.

### FREE CATALOG

Compact, convenient, attractive. Made of metal. Revolves. Holds complete assortment of Push-Pins and Pushless Hangers. Supplied free by your jobber with orders for only 72 assorted packets of Push-Pins and Pushless Hangers.

**Send for Catalog**  
Describes and illustrates the entire MOORE line. Every hardware merchant should have a copy.

### MOORE PUSH-PIN CO.

113-125 BERKLEY STREET, PHILADELPHIA

Original manufacturers of  
PUSH-PINS, PUSHLESS HANGERS AND MAPTACKS



GLASS  
OR  
ALUMINUM  
HEADS



ONLY  
HANGER  
WITH a TWIST



BRASS  
NICKEL  
ENAMEL  
PLAIN...  
FIGURES,  
LETTERS



★  
ADVERTISED  
NATIONALLY  
★

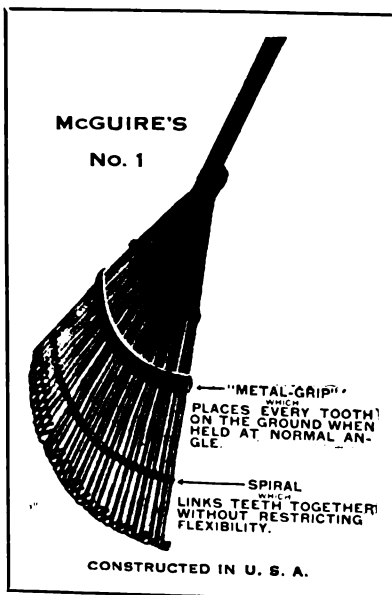
## The Arched “METAL-GRIP” Keeps All The Teeth On The Ground

In the McGuire Bamboo Lawn Rake the “METAL-GRIP” is **ARCHED**. When this rake is held at a normal angle all the teeth are kept on the ground. Every tooth does its share of the work—the user derives the use of the entire width of the rake without exerting pressure. The **SPIRAL**, (another exclusive feature), links all the teeth together, but permits their free **FLEXIBLE** movement with minimum possibility of breakage.

### McGuire's No. 1 Bamboo Lawn Rake

is made **extra strong** to give long satisfactory service. The firmly secured wooden handle is practically split proof. It is beautifully polished. Three sizes: 18", 24" and 30". Made in America by skilled American labor. Also a popular line of ordinary bamboo rakes to retail at competitive prices. Send for Literature and Discounts.

**THE GEO. W. MCGUIRE COMPANY**  
Whitestone, Long Island, N. Y.



McGUIRE'S  
No. 1

“METAL-GRIP”  
PLACES EVERY TOOTH  
ON THE GROUND WHEN  
HELD AT NORMAL AN-  
GLE.  
— SPIRAL  
LINKS TEETH TOGETHER  
WITHOUT RESTRICTING  
FLEXIBILITY.

CONSTRUCTED IN U. S. A.

## Gold Stripe BRUSHES

The progressive dealer's choice

because—

- they are the choice of brush users.
- short yet comprehensive line.

- prompt service from nearby stocks at convenient centers everywhere.
- rapid turnover insures small investment.

Know the story of Gold Stripe brushes.

Write to the nearest  
“Pittsburgh” warehouse.

Manufactured by

**PITTSBURGH  
PLATE GLASS COMPANY**

● COMPLETE STOCKS IN 82 CITIES



## MOLDS, Hammer, Soft Metal

Adelbert Metals Corp., 295 Madison Av., New York, N. Y.  
Orat (Jos.) Mfg. Co., Lafayette, Ind.

## MOLDS, Ice Cream

Art Craft Mold & Model Wks., Martins Ferry, O.  
Had (Victor V.) Co., Phila., Pa.  
Creamery Package Mfg. Co., Chicago, Ill.

OLDS, Pudding—See Molds, Cakes, Pudding, Etc.

OLDS, Salad—See Molds, Cakes, Pudding, Etc.

OLDS, Vice Jaw—See Molds, Hammer, Soft Metal

OLE TRAPS—See Traps, Mole

ONEL METAL BALLS—See Balls, Steel, Bronze, Monel Metal, Stainless Steel

ONEL METAL DRAINBOARDS—See Drainboards, Metal Metal

ONEL METAL PAILS—See Pails, Monel Metal

ONEL METAL RANGE BOILERS—See Boilers, Range, Monel Metal

ONEL METAL RODS AND SHEETS—See Rods, Monel Metal and Nickel; Also Sheets, Monel Metal and Nickel

ONEL METAL WIRE CLOTH—See Cloth, Wire, Monel Metal

ONEL RIVETS—See Rivets, Monel

ONEL SCREWS—See Screws, Monel

ONEY BELTS—See Belts, Money

ONEY CHANGERS, Conductors—See Changers, Money, Conductors

ONEY DRAWERS—See Drawers, Cash, Money, Etc.

ONKEY WRENCHES—See Wrenches, Adjustable

ONO LOCKS—See Locks, Money

OOING ANCHORS—See Anchors, Boat, Ship, Etc.

OOING BUOYS—See Buoys, Mooring

OP HANDLES—See Sticks and Holders, Mop

OP HEADS—See Mops

OP HOLDERS—See Sticks and Holders, Mop

OP STICKS—See Sticks and Holders, Mop

OP-WRINGER PAILS—See Pails, Mop-Wringer

OP WRINGERS—See Wringers, Mop

## MOPS

Adams (Joseph) Brush Co., Boston, Mass.  
Alabama Broom & Mattress Co., Huntsville, Ala.  
Algoma Mfg. Co., Algoma, Wis. "Amco"

American Standard Mfg. Co., 2509 S. Green, Chicago, Ill. "Krebs Rainbow," "Krebs Mastermop"

American Textile Products Co., 1815 Coit Av., E. Cleveland, O. "Chief," "Cotton King," "De Soto," "No-Mar," "Quality," "Rex," "Slasher," "String," "Twine"

Auburn Brush Co., Inc., Columbia, Pa.

Blakesley Novelty Co., Bristol, Conn. "Yankee"

Burdett Mfg. Co., Kansas City, Mo.

California Cotton Mill Co., E. Oakland, Cal.

Capital Mfg. Co., Kingsville, Tex.

Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.

Dale, Margaret, Arlington, Mass.

De Eco's (P.) & Son, Cincinnati, O. "Utility"

Dry Hand Mop Co., New Orleans, La.

Du-All Mfg. Co., Geneva, O.

Erie Mop & Wringer Co., E. Rochester, N. Y.

Fiele (Thos. J.) Mop Mfg. Co., St. Louis, Mo.

Five-In-One Mfg. Co., Worcester, Mass.

Frank-Lin Brush Co., 71 Charlotte, Bridgeport, Conn.

Fricke (J. E.) Co., 40 No. Front, Phila., Pa.

"Chester," "Emory," "Queen," "Vim"

Gem Hammock & Fly Net Co., Milwaukee, Wis.

"Sprutext"

Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleanebest"

Hoffman Lion Mills Co., Inc., Fall River, Mass.

"Blue Bak"

Howard Dustless Duster Co., 493 C., Boston, Mass.

Hygenia Brush Co., Worcester, Mass.

Ideal Clamp Mfg. Co., 200 Bradford, Bklyn., N. Y.

"Ace" (Automobile)

Interchangeable Brush Co., Inc., 68 Jay, B'klyn, N. Y. "Anchor," "Dexter," "Giant," "Jaynes," "Lu-La," "Platt"

Kellogg Mfg. Co., Westfield, Mass. "Honor-Wear"

Klenall Mfg. Co., Atlanta, Ga. "Anchor," "Heavy Duty"

Knit Goods Specialty Co., Chicopee Falls, Mass. "Kitchen Boy"

Lasting Broom & Mop Mfg. Co., Evansville, Ind.

Lefner (Geo. S.) & Co., 1250 Brook Av., New York, N. Y.

Liquid Veneer Corp., Buffalo, N. Y.

McCallum & Robinson, Inc., Memphis, Tenn.

Massasoit Mfg. Co., 8 White, New York, N. Y.

"Arctic," "Bostonia," "Daisy," "Dandy," "Eureka," "Lily," "Lotus," "Luna," "Masco," "Star"

Maxwell Brushes, Inc., 218 E. 144th, New York, N. Y.

Meinhardt (J. A.) & Co., 440 N. Halsted, Chicago, Ill.

Merkle Broom Co., 101 West End Av., Paris, Ill.

"Blu-J"

Mill-Rose Co., Cleveland, O.

O-Cedar Corp., 4501 So. Western Av., Chicago, Ill.

"O-Cedar"

Ople Brush Co., Kansas City, Mo.

Pioneer Mfg. Co., Cleveland, O. "Shino"

Puritan Cordage Mills, 1205 E. Washington, Louisville, Ky. "Puritan"

Quality Mfg. Co., Inc., Woburn, Mass. "Quality Antiseptic"

Schillo Mop & Chemical Co., 650 N. Parkside Av., Chicago, Ill. "Fine-Tex"

Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.

Shumaker Mfg. Co., Galesburg, Ill. "Oil of Gladness"

Smyth Mfg. Co., 20 W. Market, Newark, O. "Mammy"

Sniderman (L.) Co., Pittsburgh, Pa. "Dixie," "Snico," "Victor"

Southern Mills Corp., Oxford, Ala.

Stover Mfg. & Engine Co., Freeport, Ill. "Samson"

Sullivan Brush Co., Terre Haute, Ind. "Black Cat"

Tate (E. H.) Co., 251 Causeway, Boston, Mass.

"Atlas," "Champion," "Hercules," "Long Last," "Neptune," "Puritan," "Quaker," "Samsonet," "Slasher," "Sudbury," "Swan," "Tip Top," "Twine"

Tucker Duck & Rubber Co., Fort Smith, Ark.

Whitaker, Wm. D., Sedgley & Castor Aves., Phila., Pa. "Atlas," "Gem," "Polo"

Winne (Frank W.) & Son, Inc., Phila., Pa.

Yale Mystic Knitting Co., Malden, Mass.

Zachry Mfg. Co., Atlanta, Ga. "Dixie," "Perfection," "Special"

Springfield Wire & Tinsel Co., W. Springfield, Mass. "Scourite"

Fiele (Thos. J.) Mop Mfg. Co., St. Louis, Mo.

Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleanebest"

Hoffman Lion Mills Co., Inc., Fall River, Mass. "Dux"

Howard Dustless Duster Co., 493 C., Boston, Mass.

Hygenia Brush Co., Worcester, Mass.

Hygenia Products Corp., Portland, Me.

Interchangeable Brush Co., Inc., 68 Jay, B'klyn, N. Y. "Jayne's"

Maxwell Brushes, Inc., 218 E. 144th, New York, N. Y.

Quality Mfg. Co., Inc., Woburn, Mass. "Quality Antiseptic"

Shane & Hays, Inc., 5300 21st Av., B'klyn, N. Y.

Silver-Chamberlin Co., Clayton, N. J. "Nibco"

Tate (E. H.) Co., 251 Causeway, Boston, Mass.

Tucker Duck & Rubber Co., Fort Smith, Ark.

"Little Dish Mop"

MOPS, Dust Roll

Dispo Div. of Kimberly-Clark Corp., 8 S. Michigan Av., Chicago, Ill.

MOPS, Dusting—See Mops, Polishing

MOPS, Dust and Polishing

Algoma Mfg. Co., Algoma, Wis. "Amco"

American Mop Co., Inc., 408 E. 31st, Kansas City, Mo.

American Standard Mfg. Co., Chicago, Ill.

Barlow Co., Inc., 198 Piemont, Waterbury, Conn.

Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornhillson Av., Jersey City, N. J. "Old English"

Dearborn Mfg. Co., Chicago, Ill. "Decoline," "Rublite"

Du-All Mfg. Co., Geneva, O.

Dustmaster Corp., 608 First Av., N., Minneapolis, Minn.

Fiele (Thos. J.) Mop Mfg. Co., St. Louis, Mo.

Gem Hammock & Fly Net Co., Milwaukee, Wis.

"Sprutext"

Hertzberg (H.) & Sons, Inc., 2300 Fifth Av., New York, N. Y. "Cleanebest"

Howard Dustless Duster Co., 493 C., Boston, Mass.

"B-B Dust Arrestor," "Howard"

Hygenia Brush Co., Worcester, Mass.

Illinois Duster Co., 1944 W. Webster Av., Chicago, Ill.

Lasting Mop & Broom Co., Evansville, Ind.

Leiner (Geo. S.) & Co., 1250 Brook Av., New York, N. Y.

Liquid Veneer Corp., Buffalo, N. Y.

Meinhardt (J. A.) & Co., 440 N. Halsted, Chicago, Ill.

Midway Chemical Co., Div. American Home Products Corp., 257 Cornhillson Av., Jersey City, N. J. "Aeromop," "Aeroway," "Hand-E-Mop," "Radiant"

O-Cedar Corp., 4501 So. Western Av., Chicago, Ill.

"O-Cedar," "O-So-Exy"

Pioneer Mfg. Co., Cleveland, O. "Shino"

Quality Mfg. Co., Inc., Woburn, Mass. "Quality Antiseptic"

Rubon Woodfinishing & Products Co., Kansas City, Mo. "Rubon"

Schillo Mop & Chemical Co., 650 N. Parkside Av., Chicago, Ill. "Fine-Tex"

Silver-Chamberlin Co., Clayton, N. J. "Brown Beauty"

Smyth Mfg. Co., 20 W. Market, Newark, O. "Mammy"

Tate (E. H.) Co., 251 Causeway, Boston, Mass.

"Bostonian," "Imperial"

Thornton (L. M.) Mfg. Co., Kansas City, Mo. "Cactus"

Tucker Duck & Rubber Co., Fort Smith, Ark. "Kantakratch"

Tu-Way Products Co., 445 W. Jefferson Av., Detroit, Mich. "Tu-Way"

Whitaker, Wm. D., Sedgley & Castor Aves., Phila., Pa. "Super Blu Bak"

MOPS, Self-Wringing

Diamond Mop Corp., New Orleans, La. "Squeezey-Exy"

Dustmaster Corp., 608 First Av., N., Minneapolis, Minn. "Reel-Mop"

Gem Hammock & Fly Net Co., Milwaukee, Wis. "Sprutext"

Hertzberg (H.) Sons, Inc., 2300 Fifth Av., New York, N. Y.

Howard Dustless Duster Co., 493 C., Boston, Mass.

Parker Mfg. Co., 810 Woodland Av., Warren, O.

"Betty Bright," "Colleen," "Trixie"

Tate (E. H.) Co., 251 Causeway, Boston, Mass.

"Klean-Ryte"

Quicklick Mop Co., 1522 Juneway Terrace, Chicago, Ill. "Quicklick"

Whitaker, Wm. D., Sedgley & Castor Aves., Phila., Pa. "Hydro Blu Bak"

Wringer Mop Co., 1230 E. 75th, Chicago, Ill. "Sanitary Wringer"

MORTAR BARROWS—See Wheelbarrows, All Types & Classifications

MORTAR MIXING BOXES—See Boxes, Mortar Mixing

MORTAR COLORS—See Colors, Mortar

MORTAR HODS—See Hods, Mortar and Brick

MORTAR HOES—See Hoes, Mortar

MORTAR TUBS—See Tubs, Mortar

MORTISE LOCKS—See Locks, Mortise and Rim

MORTISING CHISELS—See Chisels, Mortising, Hollow

MORTISING MACHINES, LOCK—See Machines, Lock, Mortising

MOSS, Peat

Atkins & Durbrow, Inc., 165 John, New York, N. Y. "GPM"

Bremermann (Ernst) & Co., 66 Broad, New York, N. Y.

Domestic Peat Moss Co., Waukegan, Wis.

Holland Peat Products Co., Holland, Mich.

Minnesota Horticultural Peat & Litter Co., 650 Second Av., North, Minneapolis, Minn. "Gro-Zum"

Peat Import Corp., 155 John, New York, N. Y.

Premier Peat Moss Corp., 150 Nassau, New York, N. Y.

MOSQUITO & INSECT ELECTROCUTING LANTERNS—See Traps, Insect, Electric

MOSQUITO REPELLENTS—See Repellents, Fly and Mosquito

MOTH BALLS

Barrett Co., 40 Rector, New York, N. Y.

Naphthalene Products Co., Birmingham, Ala.

Reilly Tar & Chemical Corp., Indianapolis, Ind.

White Tar Co. of N. J., Inc., Kearney, N. J.

Zoro Co., 844 W. Erie, Chicago, Ill.

MOTHPROOF WARDROBES—See Wardrobes, Mothproof

MOTOR LUNCHEON SETS—See Outfits, Luncheon, Motor, Vacuum

MOTOR OIL—See Oils, Lubricating

MOTOR SCOOTERS—See Scooters, Motor

MOTOR TRUCKS—See Trucks, Motor

MOTORCYCLE PADLOCKS—See Padlocks, Bicycle & Motorcycle

MOTORCYCLE HANDLE GRIPS—See Grips, Handle, Bicycle and Motorcycle

MOTORCYCLE LAMPS—See Lamps, Bicycle

MOTORCYCLE TIRES—See Tires, Bicycle

MOTORCYCLES

Harley-Davidson Motor Co., Milwaukee, Wis.

Indian Motorcycle Co., Springfield, Mass.

Simplex Mfg. Corp., New Orleans, La. "Servicycle"

Streiffhan Mfg. Co., Middletown, O. "Sachs"

MOTORIZED BICYCLES—See Bicycles, Motorized

MOTORS, Bicycle

Midco Mfg. & Distributing Co., Inc., So. 13th & Kentucky Av., Sheboygan, Wis. "Midco"

Midget Motors Corp., Kearney, Nebr.

MOTORS, Boat, Inboard

Bendix Aviation Corp., Marine, Div., 754 Lexington Av., B'klyn, N. Y. "Eclipse"

Bridgeport Motor Co., Inc., 886 Montain Grove, Bridgeport, Conn.

Briggs & Stratton Corp., 2711 N. 13th, Milwaukee, Wis.

Kermath Mfg. Co., 5882 Commonwealth Av., Detroit, Mich. "Sea-Chief"

Lauson Co., New Holstein, Wis. "Lauson"

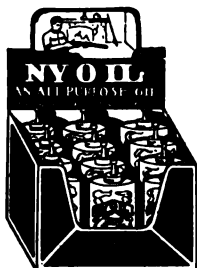
Palmer Bros. Engines, Inc., Cos Cob, Conn.

Peerless Marine Motor Corp., 2150 Niagara, Buffalo, N. Y.

Red Wing Motor Co., Red Wing, Minn.

# NYOIL

Made by the Oldest House  
in America making Fine  
Lubricating Oils.



## In NYE Display Carton —For Counter Use

NYOIL comes in handy size cans and bottles packed in attractive cartons for counter display. Serves many uses. 3 sizes 1 to 8 oz.

Nye Sewing Machine and Bicycle Oil—a high quality machine oil—will not gum. 1 to 4 oz. bottles. Packed 1 gross in case.

NYE Watch, Clock, Bracelet Watch, and Chronometer Oil—will stand 3 years on pivots of a watch without change. NYE Clock Oil highest grade—never gums.

**WM. F. NYE, INC.**  
New Bedford Mass., U.S.A.

## SELL THE BIRD CALLERS HUNTERS DEMAND P.S.OLT ALL HARD RUBBER—NO WOOD USED Hand Made Duck, Crow, Hawk, Turkey and Goose Callers



No. E-1 Regular Crow Call  
STOCK OLTS NOW  
Order By Number

No. H-8 Shur-Lure Crow Call

No. A-5 Perfect Goose Call

No. G-7 Perfect Hawk Call

No. C-3 Mallard Duck Call

And Other Types

The Completeness of Our Line Simplifies Selection—Send for Catalog  
Prices Insure Ready Sales and Profits

**PHILIP S. OLT, DEPT. E, PEKIN, ILLINOIS**



No. D-2 Regular Duck Call

OLT'S Calls are used the world over. The name "P. S. Olt," Pekin, Ill., stamped on every caller is your guarantee of perfection. In every line of business, in every product manufactured, one name stands out pre-eminent. And so it is with OLT'S PERFECT GAME AND BIRD CALLS made by skilled workmen and using the very best in raw materials. That is why OLT Calls have the reputation of being the finest instruments that human hands and modern machinery can produce.

# ACE of PLUGS!

The all-colored shock-proof top and 7-color display box attract customers. More sales — MORE PROFITS.

ASK YOUR JOBBER FOR COLORTOPS!

**TRICO FUSE MFG. CO.**  
MILWAUKEE WISCONSIN

# TRICO

COLOR TELLS SIZE  
EYE-APPEALING  
SALES-GETTING



## COTTER PIN PROFITS in a PACKAGE

YOUR customers get approximately equal merchandise value in each package of F. V. P. (Full Value Package) W. W. Cotter Pins—sizes up to 5/16" diameter and 2 1/2" lengths, under eye.

YOU save and profit—sales are made at a uniform price per package . . . no counting, sorting, or packing . . . easy to stock . . . easy to fill orders quickly. The F. V. P. package has relatively greater merchandise value than any other package now offered.

Order from your Jobber today  
**WESTERN WIRE PRODUCTS CO.**  
ST. LOUIS, MO.



**D. P. HARRIS HDW. & MFG. COMPANY, INC.**  
ROLLFAST BUILDING • NEW YORK, N. Y.

## THE CHOICE OF Champions!

Alfred's master craftsmen build a complete line of tubular and flat blade ice skates and skating shoes.

**Fully Guaranteed**

See your jobber at once for prices and samples. Or write direct giving your Jobber's name and address.

**Alfred Johnson Skate Company**  
2348 W. North Ave. Chicago U.S.A.  
Not Connected With Nestor Johnson Mfg. Co.  
JULIANT. FITZGERALD, Sales Manager



WIRE GOODS • EYE BOLTS  
COTTER PINS • WIRE FORMS  
PLUMBERS' SPECIALTIES  
MILL WIRE GOODS

We take pride in the growing list of jobbers who have adopted the Hindley Line. The reason for this is the high quality and type of service which we do all in our power to maintain.

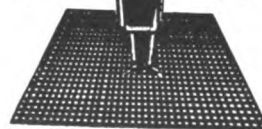
# HINDLEY WIRE GOODS

HINDLEY MFG. CO. • 60 JOHN STREET • VALLEY FALLS, R. I.

# PHOENIX Live Rubber Link HOME ENTRANCE MAT

Typical  
Hotel  
Quality

Guaranteed  
One Year!



4 Standard Sizes

1. Phoenix Challenger (14"x21")
2. Phoenix Cavalier (16"x24")
3. Phoenix Commodore (18"x27")
4. Phoenix Chieftain (20"x30")

8 Big Features

Styled in  
Rich Colors

For your better class trade. Easier to sell. Bigger profit. Order from your jobber. Literature on request. Jobbers: Order 4 size Display Set with return privileges.

**PHOENIX RUBBER CO.**  
9205 Detroit Ave. Cleveland, Ohio.



**MOTORS, Boat, Inboard (Continued)**

Regal Mfg. Co., Pearl & Monroe, Coldwater, Mich.  
Standard Gas Engine Co., 1126 6th Av., Oakland, Cal. "Frisco"  
United States Motors Corp., Oshkosh, Wis. "Falcon"  
Universal Motor Co., 317 Universal Drive, Oshkosh, Wis.  
Wisconsin Motor Corp., 1910 S. 53rd, Milwaukee, Wis.

**MOTORS, Boat, Outboard**

Bendix Aviation Corp. (Marine Div.), 754 Lexington Av., B'klyn, N. Y. "Eclipse," "Eclipse Electric"  
Caille Motor Co., 6210 2nd Av., Detroit, Mich. "5 Speed Twin," "Liberty"  
Champion Motors Co., Minneapolis, Minn. "Kingfisher"  
Clarke Engineering Co., 9350 Grinnell Av., Detroit, Mich. "Clarke Troller"  
Detroit Outboard Products Corp., 23700 Mack Av., St. Clair Shores, Mich. "Detroit"  
Elto Motors, 4939 N. 27th, Milwaukee, Wis.  
Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis. "Ace," "Chief," "Cub," "Evinrude," "Elto," "Fisherman," "Fleetwin," "460," "Handifour," "Handitwin," "Lightwin," "Lightwin," "Lockwood," "Mate," "Midg-et," "Pal," "Ranger," "Reversing Fisherman," "Reversing Service Twin," "Scout," "Service Twin," "Speedifour," "Speediquad," "Speeditwin," "Sportfour," "Sportsman," "Sportwin," "Weedless Fisherman," "Weedless Service Twin," "Zephyr"  
Gale Products Div., Outboard Marine & Mfg. Co., Galesburg, Ill. "Gale"  
Johnson Motors Div. Outboard Marine & Mfg. Co., 1920 Pershing Rd., Waukegan, Ill. "Sea Horse"  
Kiekhafer Corp., Webster Av., Cedarburg, Wis. "Mercury"  
Lauson Co., New Holstein, Wis. "Sport King"  
Midget Motors Corp., Kearney, Nebr.  
Muncie Gear Co., Muncie, Ind. "Neptune Master," "Neptune Twin"  
Outboard Motors Corp., 4464 N. 27th, Milwaukee, Wis.

**MOTORS, Electric**

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich. "Atlas"  
Baldor Electric Co., 4359 Duncan Av., St. Louis, Mo.  
Bodine Electric Co., 2272 W. Ohio, Chicago, Ill.  
Brown-Brockmeyer Co., Inc., 1940 Bickford, Dayton, O.  
Century Electric Co., 1806 Pine, St. Louis, Mo. "Century"  
Crawker-Wheeler Electric Mfg. Co., Amberg, N. J.  
Delco Appliance Div., General Motors Sales Corp., 425 Lyell Av., Rochester, N. Y. "Delco"  
Diehl Mfg. Co., Elizabethport, N. J. "Diehl"  
Emeral Electric Co., Adrian, Mich.  
Emerson Electric Mfg. Co., St. Louis, Mo.  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill.  
Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
Forbes & Myers, Worcester, Mass.  
General Electric Co., 1 River Rd., Schenectady, N. Y. "G-E"  
Hamilton Beach Co., Racine, Wis. (Portable, Jeweler's Lathe & Sewing Mach.)  
Kato Engineering Co., 115 Elm, Mankato, Minn.  
Kinston-Conley Electric Co., 68 Brook Av., No. Plainfield, N. J. "K-C"  
Leland Electric Co., Dayton, O.  
Lincoln Elec. Co., Cleveland, O. "Linc-Weld"  
Marathon Elec. Mfg. Corp., Wausau, Wis. "Marathon"  
Master Electric Co., 100 Davis Av., Dayton, O.  
National Stamping & Electric Wks., Chicago, Ill. "White Cross"  
Peelers Elec. Co., Warren, O.  
Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"  
Redmond (A. G.) Co., Owosso, Mich.  
Reynolds Electric Co., Chicago, Ill. "Reco"  
Robbins & Myers Co., Springfield, O.  
Russell Electric Co., 378 W. Huron, Chicago, Ill.  
Signal Electric Mfg. Co., Menominee, Mich. "Signal"  
Speedway Mfg. Co., 1834 S. 52nd, Cicero, Ill. "Speedway"  
Sunlight Electrical Co., Warren, O. "Sunlight"  
Victor Electric Products, Inc., 2950 Robertson Av., Cincinnati, O.  
Warner Electric Corp., St. Louis, Mo.  
Westinghouse Electric & Mfg. Co., E. Pittsburgh, Pa.

**MOTORS, Electric, Toy**

Gilbert (A. C.) Co., New Haven, Conn.  
Stanley Works, New Britain, Conn. "Stanlio"  
Strata Corp., Detroit, Mich. "Little Giant"  
Warden Mfg. Co., New Bedford, Mass.

**MOTORS, Inboard—See Motors, Boat, Inboard****MOTORS, Outboard—See Motors, Boat, Outboard****MOULDERS, SHOVELS—See Shovels, Moulders****MOULDINGS, Bath Tub**

Kincaid Industries, Inc., 1609 N. Wolcott Av., Chicago, Ill.  
Mackinburg-Duncan Co., Oklahoma City, Okla.  
Nu-Art"  
Nal Units Co., Inc., 103 Park Av., New York, N. Y.  
Wooster Products, Inc., Spruce, Wooster, O. "Wayne"

**MOULDINGS and FITTINGS, Metal, Electric**

Bull Dog Electric Products Co., Detroit, Mich. "Product"  
Curtis Lighting, Inc., Chicago, Ill. "CurtiStrip," "X-Ray"  
National Electric Products Corp., Pittsburgh, Pa.  
Overbush & Ayres Mfg. Co., Chicago, Ill. "Oamco"  
Square D Co., Detroit, Mich. "Square-Duct"  
Wiremold Co. (Elmwood), Hartford, Conn.

**MOULDINGS, Metal**

All Metal Weatherstrip Co., 229 W. Ohio, Chicago, Ill.  
Aluminum Co. of America, Pittsburgh, Pa.  
American Brass Co., Waterbury, Conn. "Anaconda"  
Ames Metal Moulding Co., Inc., 225 E. 144th, New York, N. Y. "Ames"  
Bailey Co., Amesbury, Mass.  
Brasco Mfg. Co., Harvey, Ill.  
Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
Douglas & Lumsden Co., Detroit, Mich.  
Herron-Zimmers Moulding Co., 3900 E. Outer Drive, Detroit, Mich.  
Kawnee Co., Niles, Mich.  
Kinkead Industries, Inc., 1609 N. Wolcott Av., Chicago, Ill.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Mackinburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"  
Metal Craft Co., Detroit, Mich.  
Mitchell Specialty Co., Shelmire & Edmund (Holmesburg), Phila., Pa.  
Parker (S.) Hardware Mfg. Corp., 27 Ludlow, New York, N. Y.  
Reflector Hardware Corp., Western Av. & 22nd Place, Chicago, Ill.  
Revere Copper & Brass, Inc., 230 Park Av., New York, N. Y.  
Werner (R. D.) Co., Inc., 21 E. 30th, New York, N. Y. "Wernco"  
Wooster Products, Inc., Spruce, Wooster, O. "Wayne"  
Youngstown Mfg. Co., 76 S. Prospect, Youngstown, O.

**MOULDINGS, Snap-On, Metal**

Am S Metal Moulding Co., Inc., 225 E. 144th, New York, N. Y.  
Herron-Zimmers Moulding Co., 3900 E. Outer Drive, Detroit, Mich. "Herzim"  
Kinkead Industries, Inc., 1609 N. Wolcott Av., Chicago, Ill.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Lees, John; Div. Serrick Corp., Muncie, Ind.  
Mouldings, Inc., 743 E. Market, Indianapolis, Ind.  
Parker (S.) Hdwe. Mfg. Corp., 27 Ludlow, New York, N. Y.  
Werner (R. D.) Co., Inc., 21 E. 30th, New York, N. Y. "Wernco"  
Youngstown Mfg. Co., 76 S. Prospect, Youngstown, O.

**MOULDINGS, Stainless Steel**

Ames Metal Moulding Co., Inc., 225 E. 144th, New York, N. Y.  
Herron-Zimmers Moulding Co., 3900 E. Outer Drive, Detroit, Mich.  
Kinkead Industries, Inc., 1609 N. Wolcott Av., Chicago, Ill.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
Lees, John; Div. Serrick Corp., Muncie, Ind.  
Mackinburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"  
Mouldings, Inc., 743 E. Market, Indianapolis, Ind.  
Parker (S.) Hdwe. Mfg. Corp., 27 Ludlow, New York, N. Y.  
Werner (R. D.) Co., Inc., 21 E. 30th, New York, N. Y. "Wernco"  
Youngstown Mfg. Co., 76 S. Prospect, Youngstown, O.

**MOULDINGS, Wood**

Bradley Lumber Co. of Ark., Warren, Ark.  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
Metz Mfg. Co., Dubuque, Ia.  
Miller (Robt. E.), Inc., 35 Pearl, New York, N. Y. "Remco"

Rowe (Henry) Mfg. Co., Newaygo, Mich.

Southern Pine Co. of Ga., Savannah, Ga.

**MOULDINGS—See Molds****MOUNTED GRINDING WHEELS—See Wheels****Grinding, Mounted****MOUSE TRAPS—See Traps, Rat and Mouse****MOVERS, Car**

Advance Car Mover Co., 112 N. Outgamie, Appleton, Wis. "Badger," "Ideal," "New Badger"  
Aldon Co., Chicago, Ill. "Sheldon"  
American Logging Tool Co., Ewart, Mich.  
Appleton-Atlas Car Mover Corp., Milwaukee, Wis. "Atlas"  
Atkins (E. C.) & Co., Indianapolis, Ind. "A. A. A."  
Foster (L. R.) Co., Pittsburgh, Pa.  
Iron City Tool Wks., Pittsburgh, Pa.  
Rowell Mfg. Co., 717 N. Union, Appleton, Wis.  
"Rowell Rocker Bearing," "Samson"  
Sackett (H. B.) Screen & Chute Co., Chicago, Ill. "Ideal"  
Safety Wrench & Appliance Co., Worcester, Mass. "Bull Dog," "Swaco"  
Stephens-Adamsen Mfg. Co., Aurora, Ill.  
Tallman Mfg. Co., Shelbyville, Ill. "Richtal," "Samson"  
Track Specialties Co., Inc., 1775 B'way, New York, N. Y. "Trasco"  
Verona Tool Wks. Verona, Pa.

**MOVING PICTURE PROJECTORS**

Cummings, A. B., Attleboro, Mass. "Ab-cum-o-graph"  
Durable Toy & Novelty Corp., 200 Fifth Av., New York, N. Y.  
Keystone Mfg. Co., 288 A., Boston, Mass.  
Lindstrom Tool & Toy Co., Inc., Bridgeport, Conn. "Lindstrom Jectors"  
Paramount Mfg. Co., Boston, Mass.

**MOWER and BINDER REPAIR PARTS**

Herschel (R.) Mfg. Co., Peoria, Ill.  
**MOWER KNIFE GRINDERS—See Grinders, Sickle and Mower Knife**  
**MOWERS, Field—See Mowing Machines**  
**MOWERS, Lawn, Repair Parts for—See Repairs, Lawn Mower**  
**MOWERS, Lawn, Children's—See Mowers, Lawn, Toy**

**MOWERS, Lawn, Gang**

Cooper Mfg. Co., Marshalltown, Ia.  
F. & N. Lawn Mower Co., Richmond, Ind.  
Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich. "Buildog"  
Pennsylvania Lawn Mower Wks., Inc., Primos, Del. Co., Pa.  
Roseman Tractor Mower Co., Evanston, Ill.  
Toro Mfg. Corp., 3042 Snelling Av., Minneapolis, Minn. "Toro"  
Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J. "Improved Glorious," "Super Glorious"  
Worthington Mower Co., Stroudsburg, Pa.

**MOWERS, Lawn, Hand**

American Lawn Mower Co., Muncie, Ind. "American," "Apex," "Bent Grass," "Challenge," "Congress," "Derby," "Eureka," "Falcon," "Featherweight," "Granada," "Garland," "Greyhound," "Kutitz," "Laurel," "La Salle," "Professional," "Ranger," "Rapid," "Red Star," "Rex," "Silver Clipper," "Speedy," "Success," "Union," "Waverly," "Wearwell"  
Auto Sickle Co., 68 Pleasant, South Natuck, Mass. "Alleet"  
Blair Mfg. Co., Springfield, Mass. "Automatic," "Bay State," "Cyclemower," "Drawcut Leader," "Easy Border," "Grand Universal," "Hercules," "Junior," "Moneyback," "Pilgrim," "Universal," "Yankee"  
Chadborn & Coldwell Mfg. Co., Newburgh, N. Y. "Ace," "Beacon," "Beaver," "Bentlawn," "Bentlawn DeLuxe," "Blue Bird," "Blue Bird DeLuxe," "Consul Special," "Damascus," "Delavan," "Garden City," "Hi Cut DeLuxe," "Jewel," "Little Wonder," "New Lenox," "Newburgh," "Primrose," "Regal," "Sunbeam," "Sunset," "Trimmer"  
Clemson Bros., Inc., Middletown, N. Y. "Clemson C-17"  
Clipper Mfg. Co., Inc., 1037 Third, Dixon, Ill. "Clipper," "Dixon"  
Coldwell Lawn Mower Co., Newburgh, N. Y. "Ambassador," "Ambassador DeLuxe," "Bentlawn," "Bentlawn DeLuxe," "Colonial," "Cru-sader," "Diplomat Special," "Hi Cut DeLuxe," "Hollywood," "Imperial," "Interstate," "Jewel," "Little Wonder," "Metropolitan," "Middy," "New Lakewood," "Pacemaker," "Regal," "Suburban," "Temple Hill," "Trimmer," "Vassar"  
Davis (G. W.) Corp., Richmond, Ind. "De Luxe," "4-Square," "Silent"  
Dille & McGuire Mfg. Co., Richmond, Ind. "Aero," "Best Made," "Diamond," "Glide," "Greenwood," "High Speed," "King," "Leader," "Matchless," "New Magic," "Perfection," "Richmond," "Sterling," "Supreme," "Terrace Special," "Turf-master," "W. H. Winner," "Western"  
Eclipse Lawn Mower Co., Prophetstown, Ill. "Advance," "Altacut," "Arlington," "Century," "Eclipse," "Lady," "Midwest," "Modern," "Pro," "Progress," "Rio Grande," "Vogue," "Zephyr"  
Elwood Lawn Mower Mfg. Co., Inc., Elwood, Ind. "Elwood," "Junior," "Standard"  
F. & N. Lawn Mower Co., Richmond, Ind. "Admiral," "Ajax," "Alumalite," "Arrow," "Baby Grand," "Bent Grass Special," "Boulevard," "Clover Leaf," "Commander," "Crestlawn," "Director," "Dragon," "F. & N. Unbreakable," "Fair-lawn," "Famous," "Garden King," "Ideal," "Marathon," "Master Six," "Mayflower," "Mon-arch," "New Americus," "New Yorker," "Novo Unbreakable," "Paragon," "Perfection," "Planet," "Signet," "Singer," "Trojan," "Vulcan"  
Granite State Mowing Machine Co., Hinsdale, N. H. "Granite State"  
Great States Corp. Shelbyville, Ind. "De Luxe," "400," "Great States Unbreakable," "Junior," "Lawn Trimmer," "Mavfair," "Mercury," "Semi-nole," "Senator Unbreakable," "Shelby," "Stand-ard," "300," "Velvet Green"  
Heineke & Co., 1900 S. 8th, Springfield, Ill. "Air-Flow," "Banner," "De Soto," "Ideal," "La Fayette," "La Fayette De Luxe," "La Salle," "Lincoln," "Sankamo," "Union," "Viking," "Zenith"  
Henley Lawn Mower Co., Richmond, Ind. "Airway," "Champion," "Chief," "Cricket Special," "Em-press," "Firefly," "Gem," "Henley Unbreakable," "Malon," "Marksman," "Monitor," "Pacemaker," "Peerless," "Pilot," "Radium," "Rainbow," "Ramblor," "Republic," "Target," "Viking"  
Herschel (R.) Mfg. Co., Peoria, Ill. "Carol," "Chi-ron," "Chief," "Cricket," "Diamond," "Diamond Special," "Electric," "Greyhound," "Hermaco," "Hummer," "Junior," "Junior Special," "Little Shaver," "Marksman," "Norka," "Peoria," "Pre-mium," "Sonnet," "W. & B.," "Warbler," "West-ern," "Whitman-Barnes"

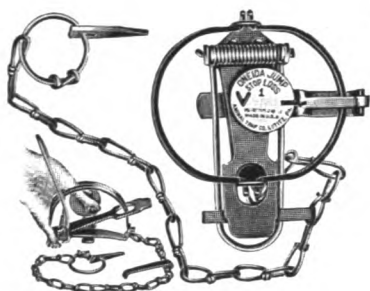


# ONEIDA

THESE E-Z SET  
**Oneida**  
**Stop-Loss Traps**  
HAVE SET RECORDS FOR  
CATCHING MORE FUR

## The most famous name since 1848

These are the traps with the famous **DELAYED ACTION** Guard which comes up after the animal is securely caught. So easy to set that they are practically fool proof. Increase fur catch by reducing wring-off.



**VICTOR** Stop-Loss No. 1 VG. →

Especially recommended for muskrat. Note new wide spring and delayed action guard.



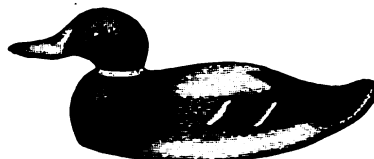
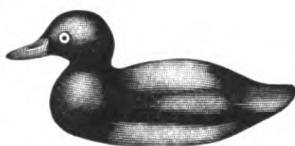
← **ONEIDA** Jump Stop-Loss No. 1 VG.

The under spring permits a small, close set. Recommended for muskrat.

## Victor Duck Decoys

MALLARD  
REDHEAD  
PINTAR  
WIDGEON  
CANVASBACK

TEAL  
BLUE BILL  
WHISTLER  
BLACK DUCK  
MUD HEN



Made from selected water-resisting lumber and painted in realistic colors for each breed. Packed with 4 drakes and 2 hens to a carton.

## Trump Garden Tools



## ... Better quality for less money

Set of three tools (trowel, fork and cultivator) attractively boxed.

Trowel, transplanter, cultivator and fork sold separately, if desired.



18 Gauge Steel—Turned Hardwood Handles—Baked Green Enamel Finish  
Mention Hardware Age When Writing

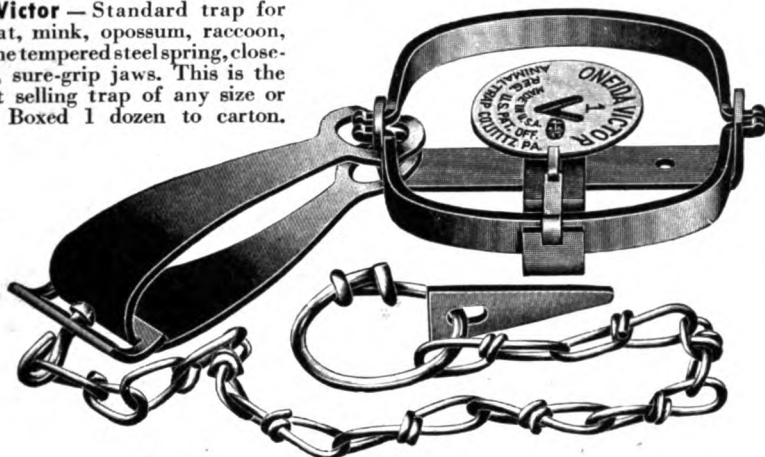
Digitized by Google

# VICTOR



## is the biggest selling line today

**No. 1 Victor**—Standard trap for muskrat, mink, opossum, raccoon, etc. Fine tempered steel spring, close-fitting, sure-grip jaws. This is the biggest selling trap of any size or make. Boxed 1 dozen to carton.



**No. 2 Victor**—Double springs of tempered steel. For opossum, fox and raccoon. Same trap in larger sizes (Nos. 3 and 4) for heaver, coyote, wildcat, wolf, etc.



### ONEIDA NEWHOUSE TRAPS

For professional trappers who want the best trap money can buy we recommend the genuine Oneida Newhouse. Every part rigidly tested and inspected. Each trap set and sprung by an expert before leaving factory. Kinkless super-weld chains. All sizes from 3 to 6.



**No. 1 Oneida Jump**—Ideal trap for small, compact "set". Recommended for muskrat, mink, skunk, etc. Made from heat-treated steel. Powerful steel jaws. Boxed 1 dozen to carton.



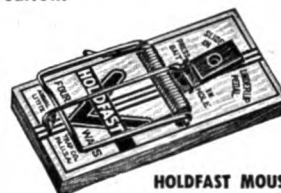
**No. 2 Victor Coil Spring**—Especially designed for catching fox. Very compact size and shape permits small, flat set, easy to conceal. Extra powerful springs. Same with double jaws (No. 22) for raccoon, skunk and mink.

## VICTOR MOUSE AND RAT TRAPS DESTROY PESTS



**VICTOR MOUSE AND RAT TRAPS**

New four-way release. Metal bait pedal. Packed 1 dozen to carton.



**HOLDFAST MOUSE AND RAT TRAPS**

New four-way release. Wooden bait pedal. Press bait in hole. Packed 1 dozen to carton.



**AUTO-SET MOUSE AND RAT TRAPS**

Improved design makes it easiest trap to set. Simply pull back bow and press down. Very safe. Boxed 1 dozen to carton.

### VICTOR COUNTER PACKAGE



A neat, compact way to display Victor or Holdfast Mouse Traps in your store. 8 x 8 1/4 inches. Printed in two colors. Easy to see, serve and sell. Contains 6 dozen mouse traps.

## Animal Trap Company of America

LITITZ, PENNSYLVANIA



Mention Hardware Age When Writing

Digitized by Google



## TRADE MARBLE'S FAMOUS FOR VALUE

Popular With Sportsmen Everywhere.

Selected by Rear Admiral Byrd for his Polar Expeditions, as well as used by practically all great adventurers of the past third of a century. Lifetime favorites of American sportsmen. These favorite items should find a place in the stock of every good store carrying a line of sporting goods.



Marble's Boy Scout Knife (Official)  
No. 1562. 4" Blade. With sheath ..... \$1.35  
No. 1560. 4½" Blade. With sheath ..... \$1.75



Marble's Woodcraft Knife  
Favorite with sportsmen everywhere. With sheath.  
No. 49. Leather Handle, 4½" blade, price, \$2.00  
No. 50. Staghorn Handle, price ..... \$3.00



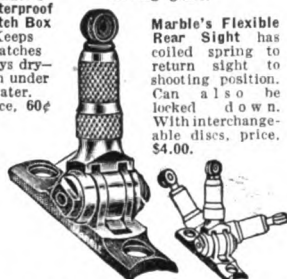
Marble's Waterproof Match Box  
Keeps matches always dry—even under water.  
Price, 60¢



Marble's Jointed Rifle Rod  
Has steel swivel and joint. Prevents wobbling, bending and coming apart in the barrel. Complete with bag, jagged and slotted tips. Price, \$1.25.



Marble's Coat Compass  
No. 182. Stationary Dial. \$1.25. With Revolving Dial, \$1.50. With Luminous Dial, \$2.00.



Marble's Flexible Rear Sight  
Has coiled spring to return sight to shooting position. Can also be locked down. With interchangeable discs, price, \$4.00.



Sheard "Gold" Front Sight  
stands out in darkest timber. Won't blur. Price, \$1.50.



Marble's Nitro-Solvent Oil.  
Keeps guns clean, oiled and in finest shooting condition. No. 244, 3 ounce can, 30¢.

America's leading jobbers catalog and carry Marble's Line. Order through your jobber. If he cannot supply, write—  
Marble Arms & Mfg. Co.

540 Delta Ave. Gladstone, Mich., U. S. A.

FOR EVERY HOUR IN THE OPEN

## THREE MASTER RULES THAT FILL ALL MEASURING NEEDS...



1. TUFBOY—6 ft. Tape Rule for Inside-Measure. Unbreakable case—replaceable blade. \$1.00 ea. list.



2. Blue End—6 ft. Quality folding rule—Government tested, Guaranteed joints made of solid brass. \$0.60 ea. list.



3. Blue Tip—6 ft. folding rule—Waterproof, crack proof finish—figures and graduations guaranteed never to wear off. \$0.30 ea. list.

SEND FOR CATALOG

MASTER RULE MFG. CO., INC.

Dept. AD., 815-819 E. 136 St., N. Y. C.

# LOWELL

## SAFETY-STEEL WRENCH

THE  
SAFE AND SURE  
REVERSIBLE RATCHET  
THAT WILL SAVE  
TIME  
AND  
MONEY

Handles  
12 inches  
to  
5 Feet  
Long

Our  
Guarantee  
A new  
handle  
for a  
broken  
one  
returned

**LOWELL WRENCH CO.**  
WORCESTER, MASS.  
SEND FOR CATALOG K



"COME  
ON  
IN,  
FELLERS!"

...The Water's  
**FINE!"**



Jump into the pool of profits with The CHORE GIRL. You'll find that an attractive CHORE GIRL display will work wonders towards increasing repeat sales. For once a woman has used The CHORE GIRL she'll never use any other abrasive cleaner! Advertisements in leading women's publications are telling your customers about The CHORE GIRL. Your display will remind them to BUY.

The CHORE GIRL is sold only through legitimate channels. Order from your jobber.



METAL TEXTILE  
CORPORATION  
Orange, N. J.



Mention Hardware Age When Writing

### MOWERS, Lawn, Hand (Continued)

Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich. "Greens," "Ideal Greensmower"

Johnson Lawn Mower Co., Ottumwa, Ia. (All Steel)

Kingston Products Corp., Kokomo, Ind.

Lane Corp., Clarinda, Ia. "Big 10," "Blue Bird," "Chief," "Little Daisy," "Luxmow," "Red Gem," "Trimplex," "Trumow"

Mast, Foss & Co., Springfield, O. "Buckeye," "Buckeye Beauty," "Buckeye De Luxe," "Buckeye Nu-matic," "Buckeye Park," "Buckeye Standard," "Chieftain," "Dictator," "Giltedge," "Gold Seal," "Master Buckeye," "Olympian," "Pilot," "Premier Buckeye," "Radiant Buckeye," "Renown," "Tru-Cut," "Yardcrest"

Pennsylvania Lawn Mower Wks., Inc., Primos, Del. Co., Pa. "Continental," "Delta," "Fairway Gangs," "Great American," "Great American Meteor," "Invader," "Klifton," "New Aristocrat," "Orchid," "Penna-Lite," "Pennsylvania Golf," "Pennsylvania Junior," "Pennsylvania Pony," "Pennsylvania Putting Green," "Pennsylvania Standard," "Poinsettia," "Primos," "Quaker City," "Red Cloud," "Super Great American," "Super Roller," "Wm. Penn" (All Steel Unbreakable)

Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Av., Phila., Pa. "A," "BN," "BX," "E," "K," "KRB," "OE," "OEP," "OT-4," "OT-5," "Philadelphia," "Philajust," "Phila-Flash," "ST-5," "Super K"

Reading Hdw. Corp., Reading, Pa. "Bent Grass," "Challenger," "Crescent," "Crown," "Fern," "Ideal," "Keystone," "Legion," "National," "Nipper," "Quality," "Reading Special," "Regal," "Reliance," "Republic," "Royal," "Southern Special," "Spartan," "Trojan"

Red Cross Mfg. Co., Oak and Washington, Bluffton, Ind.

Ruxy (E. T.) Co., Newark, O. "Apache," "Black Hawk," "Cherokee," "E-Z Wheel," "Fleet-Wheel," "Lagonda," "Red Wing," "Rugged Chief"

St-Cut, Inc., 124 Maiden Lane, New York, N. Y. "Duo-Cut"

Stearns (E. C.) & Co., Syracuse, N. Y.

Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J. "Aluminum-Victory," "Bluebird," "Cardinal," "Essex," "Flyer," "Flyer-X," "Kutall Jr.," "Kutall, Sr.," "Kutall-X," "Lion," "Lion Kutall," "Matchless," "Matchless Kutall," "Robin," "Superb," "Swallow," "Victory," "Wren"

Worcester Lawn Mower Co., 171 Fremont, Worcester, Mass. "Bob Cut," "Elm Par," "Grass Hound," "Green Mountain," "High Wheel Invincible," "International," "Invincible," "Master," "Monitor," "Mount Tom," "New England," "New Worcester," "Quiet-Mo," "Tip Top," "Wizard," "Worcester Shear"

Yard-Man, Inc., 1410 W. Ganson, Jackson, Mich. "Silent Yard-Man" (Belt & Gear Driven)

### MOWERS, Lawn, Hand, Pressed Steel

Coronet Metal Products Co., Mt. Vernon, O.

Reading Hdw. Corp., Reading, Pa.

### MOWERS, Lawn, Hand, Sliding-Knife

Clipper Mfg. Co., Inc., 1037 Third, Dixon, Ill. "Clipper"

Johnson-Randall Co., 666 Lake Shore Drive, Chicago, Ill. "Miller Lawn Shaver"

### MOWERS, Lawn, Horse

Chadborn & Coldwell Mfg. Co., Newburgh, N. Y. "Coldwell's Steel"

Clipper Mfg. Co., Inc., 1037 Third, Dixon, Ill. "Clipper" (Pony)

Coldwell Lawn Mower Co., Newburgh, N. Y. "Coldwell's Steel"

Healy & McGuire Mfg. Co., Richmond, Ind. "Richmond"

F. & N. Lawn Mower Co., Richmond, Ind. "Crest-Lawn," "Triplex"

Henley Lawn Mower Co., Richmond, Ind. "Henley Horse," "Henley Triplex," "Pony"

Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich. "Bulldog"

Illinois Iron & Bolt Co., Carpentersville, Ill. "Buckeye"

International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick Deering"

Pennsylvania Lawn Mower Wks., Inc., Primos, Del. Co., Pa. "Fairway Pony," "Pennsylvania Trio Gang"

Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Av., Phila., Pa. "Eagle" (Also Pony Mower)

Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J. "Glorious Triplex," "Triple Ratchet Roller Mower"

### MOWERS, Power, Electric

Dodge (H. C.) Inc., 32 Alger, Boston, Mass. "Eliacut"

Lawn Vac Co., 429 E. Channel, Stockton, Cal. "Lawn Vac"

Louisville Electric Mfg. Co., Louisville, Ky. "Pioneer"

Monark Silver King, Inc., 1242 N. Homan Av., Chicago, Ill. "Majestic," "Monark," "Redbird"

New Holland Machine Co., New Holland, Pa. "Kut-N-Trim"

Robertson Mfg. Co., 10th & Sheridan Av., Michigan City, Ind. "Robertson"

Rotary Mower Co., 508 Brandeis Theatre Bldg., Omaha, Nebr.

Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo.

### MOWERS, Power, Gasoline

Acme Mfg. Co., Miamisburg, O. "Mo-Master"

American Lawn Mower Co., Muncie, Ind. "American"

Beazley Power Mower Co., St. Petersburg, Fla.

Bolens Mfg. Co., Port Washington, Wis.

Chadborn & Coldwell Mfg. Co., Newburgh, N. Y. "Beaver 21," "Brownie 19 DeLuxe," "Brownie 19 Regular," "Brownie 21 DeLuxe," "Brownie 21 Regular," "Cub Super 21," "Junior Thirty 30," "L Junior Super 25," "Red Top 25," "Red Top 30," "Super Twin 25," "Super Twin 30"

Clipper Mfg. Co., Inc., 1037 Third, Dixon, Ill. "Dixon"

Coldwell Lawn Mower Co., Newburgh, N. Y. "Badger," "Beaver 21," "Brownie 19 DeLuxe," "Brownie 19 Regular," "Brownie 21 DeLuxe," "Brownie 21 Regular," "Cub Super 21," "Junior Thirty 30," "L Junior Super 25," "Red Top 25," "Red Top 30," "Super Twin 25," "Super Twin 30"

Comet Products Co., Chappaqua, N. Y. "Comet"

Cooper Mfg. Co., Marshalltown, Ia. "Cooper Clipper," "Cooper Imperial," "Cooper Royal," "Cooper Special"

Cushman Motor Wks., Lincoln, Neb. "Bob-A-Lawn"

Eclipse Lawn Mower Co., Prophetstown, Ill. "Park-hound," "Ranger," "Rightway," "Rocket," "Rollaway," "Speeday," "Squire," "Turfmaster"

Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis. "Evinrude Lawn-Boy"

F. & N. Lawn Mower Co., Richmond, Ind. "Crest-Lawn Thirty," "F. & N. Fairway," "Titan Thirty," "Triplex"

Gravelly Motor Plow & Cultivator Co., Dunbar, W. Va.

Great States Corp., Shelbyville, Ind. "Great States"

Heineke & Co., 1900 S. 8th, Springfield, Ill. "Ex-Cell-O"

Henley Lawn Mower Co., Richmond, Ind. "Henley Fairway," "Mogul Thirty"

Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich. "Ideal Junior Triplex," "Ideal Majestic," "Ideal Master," "Ideal Triplex," "Ideal Victor"

Jacobson Mfg. Co., Racine, Wis. "Estate," "4-Acre," "Junior," "Racine P-G," "Simplex," "Sturdex"

Locke Steel Chain Co., Bridgeport, Conn.

Mast, Foss & Co., Springfield, O. "Buckeye"

Midco Mfg. & Distributing Co., Inc., South 13th & Kentucky Av., Sheboygan, Wis. "Midco"

Wilbrant Mfg. Co., 2410 N. 10th, St. Louis, Mo.

Woto-Mower Co., 4600 Woodward Av., Detroit, Mich. "Challenger," "City," "Fleetway," "Fleetway Heavy Duty," "Junior," "Lawn Master," "Lawn-Peer," "Motor-Boy," "Standard," "Standard Heavy Duty," "Super-Detroit," "Super-Detroit Heavy Duty," "Trimmer Twenty"

Muncie Gear Co., Muncie, Ind.

New Holland Machine Co., New Holland, Pa. "Kut-N-Trim"

Pearce Corp., Milwaukee, Wis.

Pootatuck Corp., 2448 Main, Stratford, Conn. "Yankee Clipper"

Reed Motor Lawn Mower Co., Washington, Pa.

Rotary Mower Co., 508 Brandeis Theatre Bldg., Omaha, Nebr. (Rotary)

Stearns (E. C.) Co., Syracuse, N. Y.

Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo.

Sterling Tractor Equipment Co., 42 Coffey, B'klyn, N. Y. "Lincoln"

Toro Mfg. Corp., 3042 Snelling Av., Minneapolis, Minn. "Toro Homelawn"

Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J. "Glorious," "Improved Glorious," "Triple Ratchet"

Whirlwind Lawn Mowers Sales Corp., 158 N. Milwaukee, Milwaukee, Wis. "Whirlwind"

Worthington Mower Co., Stroudsburg, Pa.

### MOWERS, Lawn, Replacement Parts

Collet, A. M., 19 N.W. Miami Court, Miami, Fla.

### MOWERS, Lawn, Toy

Arcade Mfg. Co., Freeport, Ill.

Blair Mfg. Co., Springfield, Mass. "Blair Jr."

Hubley Mfg. Co., Lancaster, Pa.

Marion Tool Corp., Marion, Ind.

### MOWERS, Roller

Bolens Mfg. Co., Port Washington, Wis.

F. & N. Lawn Mower Co., Richmond, Ind. "F. & N. Putting Green"

Henley Lawn Mower Co., Richmond, Ind. "Henley Horse," "Henley Putting Green"

Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich. "Ideal Greensmower" (Comb. Roller and Mower)

Pennsylvania Lawn Mower Wks., Inc., Primos, Del. Co., Pa. "Pennsylvania Super"

Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Av., Phila., Pa. "Philadelphia"

Reed Motor Lawn Mower Co., Washington, Pa.

### MOWING MACHINES

Avery (B. F.) & Sons, Co., 1721 S. 7th, Louisville, Ky. "Champion"

Bolens Mfg. Co., Port Washington, Wis.

Case (J. I.) Co., Racine, Wis.

Deere & Co., Moline, Ill. "Dain"

Eureka Mower Co., Utica, N. Y.

International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering"

Vassey-Harris Co., Racine, Wis.

Minneapolis-Moline Power Implement Co., Minneapolis, Minn. "Flying Dutchman"

Roseman Tractor Mower Co., Evanston, Ill.

### MUCILAGE

Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Crescent"

Le Page's, Inc., Gloucester, Mass. "La Page's"

MUD EXTRICATING HOOKS—See Chains or Hooks, Mud Extricating

MUFFIN PANS—See Pans, Cake

### MUGS, Beer

Camark Pottery Co., Camden, Ark.

Central Glass Wks., Wheeling, W. Va.

Chase Brass & Copper Co., Inc., 200 Fifth Av., New York, N. Y.

General Glass Corp., Lancaster, O.

Hull (A. E.) Pottery Co., Crookville, O.

Lancaster Glass Co., Lancaster, O.

Massillon Aluminum Co., Massillon, O.

Pittsburg Pottery Co., Pittsburg, Kans.

Red Wing Union Stoneware Co., Red Wing, Minn.

Rome Mfg. Co. Div., Revere Copper & Brass, Inc., Rome, N. Y.

West Bend Aluminum Co., West Bend, Wis.

### MULCHERS, Garden

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "True Temper"

Barker Mfg. Co., David City, Neb.

Gardex, Inc., 215 E. Michigan, Michigan City, Ind. "Gardex"

Geyer Mfg. Co., Rock Falls, Ill.

Midland Co., South Milwaukee, Wis.

Norcross (C. S.) & Sons, Bushnell, Ill. "Norcross," "Bushnell"

### MULE SHEARS—See Shears, Mule

### MULE SHOE NAILS—See Nails, Horse and Mule Shoe

### MULE SHOES—See Shoes, Horse, Mule and Pony

### MULTI-CELL UNITS, DRY BATTERIES—See Batteries, Dry

### MULTIPLE BATTERY CABLES—See Cables, Multiple Battery

### MUSICAL TOYS AND INSTRUMENTS

Bar Zim Toy Mfg. Co., 930 Newark Av., Jersey City, N. J.

Hohner (M.) Inc., 351 Fourth Ave., New York, N.Y.

Jackson-Guldan Violin Co., Columbus, O.

Kazoo Co., Inc., Eden, N. Y.

Made-in-America Novelty Corp., 10 W. 19th, New York, N. Y.

Noble & Cooley Co., Granville, Mass.

Schoenhub Mfg. Co., 2046 Castor Av., Phila., Pa.

Wolverine Supply & Mfg. Co., Pittsburgh, Pa. "Zil-tone"

### MUSTARD DISPENSERS—See Dispensers, Mustard

### MUZZLES, Dog

American Leather Specialties Corp., 26 W. 17th, New York, N. Y.

Baltimore Leather Goods Co., Baltimore, Md.

Brauer Bros., Inc., St. Louis, Mo. "Moose Brand"

Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.

Craftsman Leather Specialty Co., Dayton, O.

Decker (J. C.), Inc., Montgomery, Pa.

Empire Dog Furnishing Corp., 171 Greene, New York, N. Y.

Gatch Wire Goods Co., 801 Buren, Baltimore, Md.

Graton & Knight Co., Worcester, Mass.

Improved Mfg. Co., 58 Montgomery, Jersey City, N. J.

Lefkowitz (Louis) & Bro., Inc., 25 Water, New Brunswick, N. J.

Montauk Leather Specialty Co., 43 W. 19th, New York, N. Y.

Pine, Geo. D., 89 Chambers, New York, N. Y.

Rome Sporting Goods Mfg. Co., Rome, N. Y.

Schaefer, A. W., 323 St. Nicholas Av., Bklyn., N. Y.

Smith-Worthington Saddlery Co., Hartford, Conn.

Stevens (W. B.) & Son, 155 W. B'way, New York, N. Y.

Washburn Company, Worcester, Mass.

Weider (John A.) & Son, Inc., Rochester, N. Y.

Wilson, Wm. A., 50 Warren, New York, N. Y.

Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

### MUZZLES, Horse and Ox

Bromwell Wire Goods Co., Cincinnati, O.

Gatch Wire Goods Co., 801 Buren, Baltimore, Md.

Hamblin & Russell Mfg. Co., Worcester, Mass.

Jelliff (C. O.) Mfg. Corp., Southport, Conn.

Jelliff (Geo. H.) & Son, New Canaan, Conn.

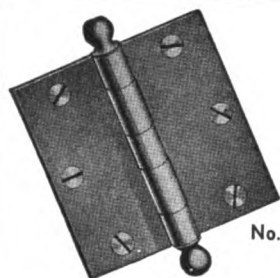
Kasper Wire Works, Shiner, Tex.

Washburn Company, Worcester, Mass.

Worcester Wire Novelty Co., Inc., Baltimore, Md. "Hold-Em"

# **GRIFFIN HINGES AND WROUGHT STEEL HARDWARE**

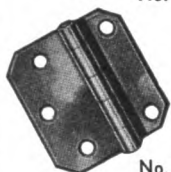
"3 BUTTS TO A DOOR"



No. 220



No. 929



No. 56



No. 485



No. 840



No. 131

Door Butts  
—  
Strap and Tee Hinges  
—  
Pressed Steel Shelf Brackets  
—  
Ornamental Hinges  
—  
Safety Hasps  
—  
Hinge Hasps  
—  
Door Handles  
—  
Garage Hardware  
—  
Screen Corners  
—  
Corner Braces  
—  
Door Bolts  
—  
Cellar Window Sets  
—  
Screen Hangers  
—  
Screen Door Hardware

**GRIFFIN**  
*Manufacturing Company*  
ERIE, PENNSYLVANIA  
MANUFACTURERS

NEW YORK: 45 Warren St.  
CHICAGO: 162 N. Clinton St.

AGENTS

BOSTON: 100 Purchase St.  
SAN FRANCISCO: 703 Market St.

## **GARDEN SUPPLY HEADQUARTERS**

*New, better profits for hardware dealers  
Cash in on the zooming interest in gardening*



### **VITAMIN B<sub>1</sub>**

**Amazing Root Tonic and Growth Stimulant**

The famous nationally-advertised Plant Magic tablets of Vitamin B<sub>1</sub> (the original and genuine) in all fast-turn sizes—25¢, 50¢, 75¢ and \$1.00. Rapid selling 25-cent size put up on colorful, easel-back counter display cards . . . long profits on top-quality product. **FREE GOODS DEALS.** Also crystal powder Home Gardener Kits. Free display material and literature. Write Jean Maclean for prices and full details.

### **The new, sensational MANNA**

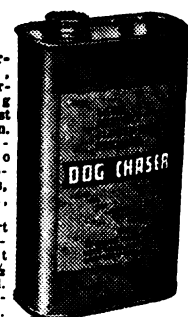
#### **PLANT FOOD TABLETS**

A concentrated, balanced, odorless fertilizer in handy tablet form, fortified with VITAMIN B<sub>1</sub>—so complete in all elements, can actually be used for growing plants without soil! 25-cent size in packets on impelling display card . . . rapid seller . . . amazing long profits. Also other sizes. Write Jean Maclean for samples, prices and full details.

#### **Dog Repellent**

Saves evergreens, shrubs, gardens. Long lasting. Just spray on. Effective also against rabbits, cats, mice, ants, etc.

Full quart only 85¢ retail. Pint 65¢. Also ½ gal. and gal. sizes at bargain prices. Write Jean Maclean.



The nationally advertised liquid plant food. Concentrated. A demand item of quick turnover and good profit. Sizes from 25¢ to \$20. Write Jean Maclean.

Well-known hormone powder for rooting cuttings, seeds, grass. Increasingly popular. All convenient sizes. Order from Jean Maclean.

### **ROOTONE**

Reg. U. S. Pat. Off.

### **TRANSPLANTONE**

PATENTS PENDING

A combination of root hormones, Vitamin B<sub>1</sub> and other growth stimulants. For transplanting and seeding. Popular sizes. Nationally advertised. Order from Jean Maclean.



#### **GARDEN SPRAY KIT**

Everything necessary to control any pest or disease in either flower or vegetable garden—all in one handy kit; strong, attractive metal box with padlock. Comprehensive directions chart. Developed by famous entomologist. Write today for prices and details.

Also look to us for your insecticides, fungicides, rat killers, ant killers, insect repellents, soilless growing kits, fertilizers, lawn sprays—anything in garden supply line. If we haven't got it, we'll get it for you. Write Jean Maclean.

**BLOOMLIFE** flower preserver • **BLOOMTINT** flower absorption dye • **ALKACID** soil testers • **COLCHISALVE** (Colchicine) • **SKEETER CHASER** smoke sticks and repellent lotion • **MULIFE** flower grower • **ROSS GARDEN SIPHONS** • **FERTIL SPRAY** garden siphons • **FERTIGATOR** tree feeders • **AVALANCHE** rodent destroyers (strike like a match!)

See your jobber or write

**JEAN MACLEAN**

BRIDGETON INDIANA

Office also at  
707 Locust St., Des Moines, Ia.

Mention Hardware Age When Writing

Digitized by Google



**MUZZLES**, Ox—See Muzzles, Horse and Ox  
**NAIL ANCHORS**, EXPANSION—See Anchors, Screw and Nail, Expansion  
**NAIL BINS**—See Bins, Nail  
**NAIL BRUSHES**—See Brushes, Nail  
**NAIL CLAWS**—See Claws and Grabs, Nail  
**NAIL COUNTERS**—See Counters, Display, Nail, Store Wrapping, Etc.  
**NAIL GRABS**—See Claws and Grabs, Nail  
**NAIL HAMMERS**—See Hammers, Nail, Forged steel; Also Cast Iron  
**NAIL HOLDING CLAMPS**—See Clamps, Attachment, Hammer  
**NAIL PULLERS**—See Pullers, Nail  
**NAIL SETS**—See Sets, Nail  
**NAIL STRIPPERS**—See Strippers, Nail  
**NAILING MACHINES**—See Machines, Nailing  
**NAILS**—See also Brads; also Tacks

## NAILS, Aluminum

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Hassall (John), Inc., 402 Oakland, B'klyn, N. Y.

## NAILS, Barbed

American Steel Co., Pittsburgh, Pa.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Crescent Brass & Pin Co., Detroit, Mich. "Simplex"  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Townsend Co., New Brighton, Pa.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 Washburn Company, Worcester, Mass.  
 Wilson Steel & Wire Co., Chicago, Ill.  
 Youngstown Steel Products Co., Youngstown, O.

## NAILS, Boat

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Hassall (John), Inc., 402 Oakland, Brooklyn, N. Y.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Tremont Nail Co., Wareham, Mass.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

## NAILS, Carpet

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Hassall (John) Inc., 402 Oakland, Bklyn., N. Y.  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.

## NAILS, Cement Coated

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Angell Nail & Chaplet Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Eastern Nail & Supply Co., Inc., Providence, R. I.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Kokomo Nail & Brad Co., Kokomo, Ind.  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa. "Gold Band"  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala. "Pearson"  
 Wickwire Bros., Cortland, N. Y.  
 Wilson Steel & Wire Co., Chicago, Ill.

## NAILS, Clout

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Arrow Tack & Nail Co., Cleveland, O.

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Baker (Geo.) & Sons Co., So. Easton, Mass.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
 Cobb & Drew, Inc., Plymouth, Mass.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H.  
 "Cross" (Iron & Copper)  
 Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
 Holland Mfg. Co., Baltimore, Md.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Ripley & Bartlett Co., Plymouth, Mass.  
 Roberts (G. G.) Corp., Whitman, Mass. "Bull Dog"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Shelton Tack Co., Shelton, Conn.  
 Snell-Jones Tack Corp., Brockton, Mass.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Tower Mfg. Co., Madison, Ind.  
 Tremont Nail Co., Wareham, Mass.  
 York Tack & Nail Wks., York, Pa.

## NAILS, Copper

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Angell Nail & Chaplet Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Clendenin Bros., Inc., 110 South, Baltimore, Md.  
 Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H.  
 "Cross"  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 "Copperweld"  
 Hassall (John), Inc., 402 Oakland, B'klyn, N. Y.  
 Holland Mfg. Co., Baltimore, Md.  
 Russey (C. G.) & Co., Pittsburgh, Pa.  
 Igoe Bros., 73 Metropolitan Av., B'klyn, N. Y.  
 Maze (W. H.) Co., 1207 Water, Peru, Ill.  
 Shelton Tack Co., Shelton, Conn.  
 Steel & Wire Products Co., Baltimore, Md.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Townsend Co., New Brighton, Pa.  
 Turner & Seymour Mfg. Co., Torrington, Conn. (Wire and Shingle)

## NAILS, Cut

Arrow Tack & Nail Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Holland Mfg. Co., Baltimore, Md.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Roberts (G. G.) Corp., Whitman, Mass. "Bull Dog"  
 Tower Mfg. Co., Madison, Ind.  
 Tremont Nail Co., Wareham, Mass.  
 Waterman (R. C.) Co., So. Hanover, Mass.  
 Wheeling Steel Corp., Wheeling, W. Va. "Wheeling La Belle"  
 Wood (Alan) Steel Co., Conshohocken, Pa. "Reading"  
 York Tack & Nail Wks., York, Pa.

## NAILS, Forged

Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
 "Hess (Chas.) Co., 49-14 Metropolitan Av., Brooklyn, N. Y.

## NAILS, Foundry

American Steel Co., Pittsburgh, Pa.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Angell Nail & Chaplet Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Capewell Mfg. Co., Hartford, Conn. "Capewell," "Moldochill" (Chill)  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Igoe Bros., 73 Metropolitan Av., Bklyn., N. Y.  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Standard Horse Nail Corp., New Brighton, Pa.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Wickwire Bros., Cortland, N. Y.  
 Youngstown Steel Products Co., Youngstown, O.

## NAILS, Galvanized

American Steel Co., Pittsburgh, Pa.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Angell Nail & Chaplet Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Globe Iron Roofing and Corrugating Co., Newport, Ky.  
 Igoe Bros., 73 Metropolitan Av., B'klyn, N. Y.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Malleable Iron Fittings Co., 10 Nichols, Branford, Conn. "M. I. F. Co."  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.

Northwestern Steel & Wire Co., Sterling, Ill.  
 "Sterling"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 "Silver Band"  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Townsend Co., New Brighton, Pa.  
 Tremont Nail Co., Wareham, Mass.  
 Wickwire Bros., Cortland, N. Y.  
 Wilson Steel & Wire Co., Chicago, Ill.  
 Youngstown Steel Products Co., Youngstown, O.

## NAILS, Hard Floor

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Tremont Nail Co., Wareham, Mass.  
 Youngstown Steel Products Co., Youngstown, O.

## NAILS, Horse and Mule Shoe

Capewell Mfg. Co., Hartford, Conn. "Capewell," "Franklin-Union," "Northwestern"  
 Standard Horse Nail Corp., New Brighton, Pa.  
 "Beaver," "Bright Shear Blue," "Brighton," "Leader," "New Standard," "Perfect," "Russell"

## NAILS, Lead Headed

American Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y. "Star"  
 Deniston Co., 4858 S. Western Av., Chicago, Ill.  
 "Denco," "Lead Seal"  
 Dickson Weatherproof Nail Co., 1515 Sherman Av., Evanston, Ill. "Dickson"  
 Filshie Lead Head Nail Co., Inc., 5801 S. State, Chicago, Ill.  
 Maze (W. H.) Co., 1207 Water, Peru, Ill. "Zinclad"  
**NAILS, Lettered**—See Nails, Screen or Numeral

## NAILS, Masonry

Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
 "Halzyr"  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.  
 Rawplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawl-Drive"  
**NAILS, Mule Shoe**—See Nails, Horse Shoe  
**NAILS, Ox Shoe**—See Nails, Horse Shoe  
**NAILS, Plaster Board**—See Nails, Wall Board

## NAILS, Roofing and Slatting

American Steel Co., Pittsburgh, Pa.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Angell Nail & Chaplet Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Clendenin Bros., Inc., 110 South, Baltimore, Md. (Copper)  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Crescent Brass & Pin Co., Detroit, Mich. "Simplex"  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
 Deniston Co., 4858 S. Western Av., Chicago, Ill.  
 "Denco," "Lead Seal"  
 Dickson Weatherproof Nail Co., 1515 Sherman Av., Evanston, Ill. "Dickson"  
 Gulf States Steel Co., Birmingham, Ala.  
 Hassall (John) Inc., 402 Oakland, Bklyn., N. Y.  
 Russey (C. G.) & Co., Pittsburgh, Pa.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"  
 La Belle Iron Wks., Steubenville, O.  
 Malleable Iron Fittings Co., 10 Nichols, Branford, Conn. "M. I. F. Co."  
 Maze (W. H.) Co., 1207 Water, Peru, Ill. "Zinclad"  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Milcor Steel Co., Milwaukee, Wis. (Lead Head)  
 New Delphos Mfg. Co., Delphos, O.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Non-Splits," "Sterling"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Tower Mfg. Co., Madison, Ind.  
 Townsend Co., New Brighton, Pa.  
 Tremont Nail Co., Wareham, Mass. "Stay-Put"  
 Turner & Seymour Mfg. Co., Torrington, Conn. (Copper)  
 Washburn Company, Worcester, Mass.  
 Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"  
 Wickwire Bros., Cortland, N. Y.  
 Wilson Steel & Wire Co., Chicago, Ill.  
 York Tack & Nail Wks., York, Pa.  
 Youngstown Steel Products Co., Youngstown, O.

## NAILS, Rubber Headed

Elastic Tip Co., 370 Atlantic Av., Boston, Mass.  
 Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill.  
 Schacht Rubber Mfg. Co., Huntingdon, Ind.  
 Turner & Stanton, Norwich, Conn.

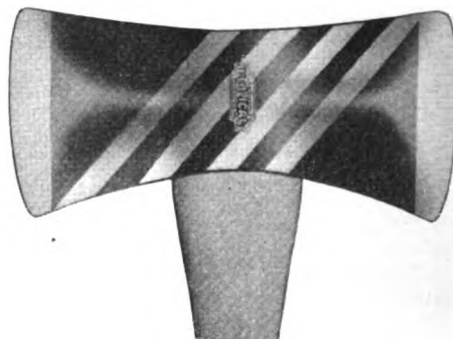
# **VAUGHAN** *Fine Tools*

**Vaughan Sub-Zero Axe and Tropical Hardwood Axe**  
 Custom Built for Cold Climates With Chip Clearance Blade

(Trade Mark Reg., U. S. Pat. Off.)



These axes have entire blade made of *high grade tool steel*. Tough steel head — *electrically fused* by Vaughan's Patented Process. Special Double Heat Treatment. Extra thin blade for fast cutting. Vaughan's exclusive *striped finish* on head. Furnished in all standard patterns, except beveled.



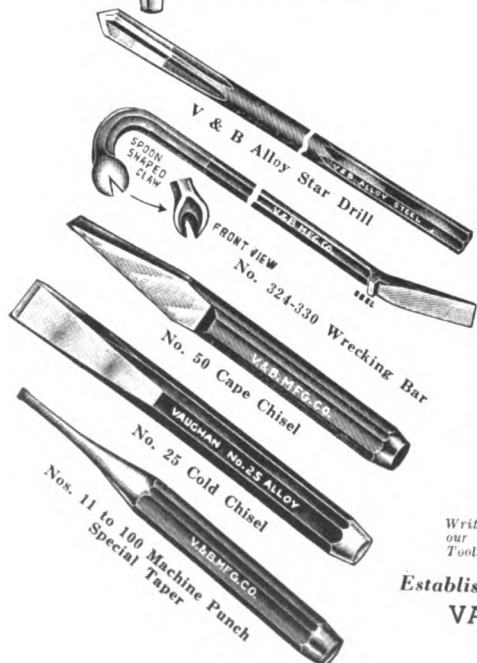
## Vaughan Hammers



## Vaughan Hatchets



## Vaughan Tools



Punch & Chisel Assortment

Write for our complete catalog which illustrates and describes our entire line of Axes, Hammers, Hatchets, and Small Tools, made in the various sizes, types, and finishes.

Established 1869

Incorporated 1882

**VAUGHAN & BUSHNELL MFG. CO.**

2120 Carroll Ave., Chicago, Ill.



Mention Hardware Age When Writing

Digitized by Google

**NAILS, Saddle**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Townsend Co., New Brighton, Pa.  
 Wilson Steel & Wire Co., Chicago, Ill.

**NAILS, Screw, Drive**

Deniston Co., 4858 S. Western Av., Chicago, Ill. "Deniston"  
 Dickson Weatherproof Nail Co., 1515 Sherman Av., Evanston, Ill. "Dickson," "Lockscrew"  
 Hassall (John) Inc., 402 Oakland, Bklyn., N. Y.  
 Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O. "Helix"  
 Independent Nail and Packing Co., Bridgewater, Mass. "Screw-Tite"  
 Maze (W. H.) Co., 1207 Water, Peru, Ill. "Zincclad"  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.  
**NAILS, Sheathing**—See Nails, Sheathing

**NAILS, Sherardized**

Crescent Brass & Pin Co., Detroit, Mich. "Simplex"

**NAILS, Shingle**

American Steel Co., Pittsburgh, Pa.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Angell Nail & Chaplet Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Crescent Brass & Pin Co., Detroit, Mich. "Simplex"  
 Hassall (John) Inc., 402 Oakland, Bklyn., N. Y. (Copper)  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"  
 La Belle Iron Wks., Steubenville, O.  
 Maze (W. H.) Co., 1207 Water, Peru, Ill. "Zincclad"  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 National Sheet Metal Co., Peru, Ill.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Townsend Co., New Brighton, Pa.  
 Fremont Nail Co., Wareham, Mass.  
 Turner & Seymour Mfg. Co., Torrington, Conn. (Copper)  
 Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"  
 Wickwire Bros., Cortland, N. Y.  
 Wilson Steel & Wire Co., Chicago, Ill.  
 Youngstown Steel Products Co., Youngstown, O.

**NAILS, Shoe**

Arrow Tack & Nail Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 "Fairco"  
 Baker (Geo.) & Sons Co., So. Easton, Mass.  
 Blenden Bros., Inc., 110 South, Baltimore, Md.  
 Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross," "Superclinch"  
 Hurney (D. B.) Co., Inc., Whitman, Mass.  
 Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
 Holland Mfg. Co., Baltimore, Md.  
 Jaglathin (F. W.) & Co., Kingston, Mass.  
 National Screw & Mfg. Co., 2440 E. 75th, Cleveland, O.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Ripley & Bartlett Co., Plymouth, Mass.  
 Roberts (G. G.) Corp., Whitman, Mass. "Bull Dog"  
 Shelton Tack Co., Shelton, Conn.  
 Well-Jones Tack Corp., Brockton, Mass.  
 Over Mfg. Co., Madison, Ind.  
 York Tack & Nail Wks., York, Pa.  
**NAILS, Slatting**—See Nails, Roofing and Slatting  
**NAILS, Stair**—See Held Fast

**NAILS, Trunk**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Baker (Geo.) & Sons Co., So. Easton, Mass.  
 Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
 Cobb & Drew, Inc., Plymouth, Mass.  
 Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
 Holland Mfg. Co., Baltimore, Md.  
 National Screw & Mfg. Co., 2440 E. 75th, Cleveland, O.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Ripley & Bartlett Co., Plymouth, Mass.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Shelton Tack Co., Shelton, Conn.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 York Tack & Nail Wks., York, Pa.

**NAILS, Upholsterers'**

(See also Tacks, Upholsterers')  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 American Tack Co., Inc., 154 11th Av., New York, N. Y. "American"  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas," "Metalther"  
 Auto-Vehicle Parts Co., Newport, Ky. "Hit 'em"  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
 Gould-Mercereau Co., Inc., 189 Lexington Av., New York, N. Y.  
 Hampden Mfg. Co., Plainfield, N. J. "Fast-Color," "Sta-Brite," "Tapestry"  
 Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Metal Stamping Co., 44-02 11th, Long Island City, N. Y. "Leathermet"  
 Miller (Robert E.), Inc., 35 Pearl, New York, N. Y. "Remco"  
 Morley Button Mfg. Co., Portsmouth, N. H. "Milonite" (Insulated)  
 Neider (F. A.) Co., Augusta, Ky. "Economy"  
 North and Judd Mfg. Co., New Britain, Conn. "Matchleather"  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Turner & Seymour Mfg. Co., Torrington, Conn. "Eagle," "Fancy," "Keystone," "Leatherlike"  
 Turner & Stanton Co., Norwich, Conn.

**NAILS, Wall Board**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Angell Nail & Chaplet Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Crescent Brass & Pin Co., Detroit, Mich. "Simplex"  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Youngstown, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Wickwire Bros., Cortland, N. Y.  
 Youngstown Steel Products Co., Youngstown, O.

**NAILS, Wire**

American Steel Co., Pittsburgh, Pa. "Kelcar," "Kelnail"  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American"  
 Angell Nail & Chaplet Co., Cleveland, O.  
 Atlantic Steel Co., Atlanta, Ga. "Dixisteel"  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Baker (Geo.) & Sons Co., So. Easton, Mass.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Cedarburg Wire & Wire Nail Co., Cedarburg, Wis.  
 Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Copperweld Steel Co., Glassport, Pa.  
 Crescent Brass & Pin Co., Detroit, Mich. "Simplex"  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
 Eastern Nail & Supply Co., Inc., Providence, R. I.  
 Hassall (John) Inc., 402 Oakland, Bklyn., N. Y.  
 Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O. "Helix"  
 Holland Mfg. Co., Baltimore, Md.  
 Igoo Bros., 73 Metropolitan Av., Bklyn., N. Y.  
 Illinois Nail Co., Chicago, Ill.  
 Janesville Fence & Post Co., Janesville, Wis.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Kokomo Nail & Brad Co., Kokomo, Ind.  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Neider (F. A.) Co., Augusta, Ky. (Double-Headed, "Economy"  
 Northwestern Steel & Wire Co., Sterling, Ill. "Non-Splitz," "Sterling"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa. (Also Stainless Steel)  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Shelton Tack Co., Shelton, Conn.  
 Stronach Nail Co., Pittsburgh, Pa. (Non-Splitting)  
 Superior Steel & Wire Co., Knightstown, Ind.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Townsend Co., New Brighton, Pa.  
 Turner & Seymour Mfg. Co., Torrington, Conn. (Copper)  
 Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"  
 Wickwire Bros., Cortland, N. Y.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 York Tack & Nail Wks., York, Pa.

**NAILS, Zinc**

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Hassall (John) Inc., 402 Oakland, Brooklyn, N. Y.  
 Maze (W. H.) Co., 1207 Water, Peru, Ill. "Zincclad"

**NAILS, Zinc Coated**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Angell Nail & Chaplet Co., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Crescent Brass & Pin Co., Detroit, Mich. "Simplex"  
 Malleable Iron Fittings Co., Branford, Conn.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa. "Silver Band"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Wickwire Bros., Cortland, N. Y.  
**NAME PLATES**—See Plates, Name

**NAPKINS, Paper**

American Lace Paper Co., Milwaukee, Wis.  
 American Novelty Paper Co., Saugerties, N. Y.  
 American Tissue Mills, Holyoke, Mass.  
 Foley Paper Co., Springfield, Mass.  
 Marathon Paper Mills Co., Rothachild, Wis.  
 Royal Lace Paper Wks., 842 Lorimer, Bklyn., N. Y.  
 Tuttle Press Co., Appleton, Wis.  
 Wortendyke Mfg. Co., Richmond, Va.  
**NAPPING HAMMERS**—See Hammers, Napping  
**NAVY CHAINS**—See Chains, Navy  
**NEATFOOT OIL**—See Oils, Neatfoot  
**NEEDLE BATHS**—See Baths, Shower and Needle  
**NEEDLES, Bagging**—See Needles, Packing and Bagging  
**NEEDLES, Carpet**—See Needles, Packing and Bagging

**NEEDLES, Knitting**

Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"

**NEEDLES, Lacing**

Parker Metal Goods Co., Worcester, Mass.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
**NEEDLES, MATTRESS**—See Needles, Upholstery and Mattress

**NEEDLES, Packing and Bagging**

Barr Bros. Co., Oakland, Cal.  
 Boye Needle Co., Chicago, Ill.  
 Durbrow & Hearne, 12 Wooster, New York, N. Y.  
 Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "Kirby," "Star" (British)  
 Osborne (C. S.) & Co., Harrison, N. J.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**NEEDLES, Phonograph**

Bagshaw (W. H.) Co., 128 Warren, Lowell, Mass. "Brilliantone," "Jumbo"  
 Gretsch (Fred) Mfg. Co., 60 B'way, Bklyn., N. Y. "Ampliphoni," "Eagle," "Violaphone"  
 Plaza Mfg. Co., 869 B'way, New York, N. Y. "Wall Kane"

**NEEDLES and PINS, Fowl, Sewing**

Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"  
 Heuck, M. E., 240 Senator Place, Cincinnati, O. "No-Sew"

**NEEDLES, Sail**—See Needles, Packing and Bagging

**NEEDLES, Upholstery and Mattress**

Boye Needle Co., Chicago, Ill.  
 Durbrow & Hearne, 12 Wooster, New York, N. Y.  
 Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "James" (British)  
 Osborne (C. S.) & Co., Harrison, N. J.  
**NEST EGGS**—See Eggs, Nest  
**NEST SAWS**—See Saws, Nest

**NESTS, Poultry**

Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nurway"  
 Bernard (Phillip) Co., Sioux City, Ia. "O.K."  
 Brower Mfg. Co., Quincy, Ill.  
 Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
 Hoeft Div. Bell & Gossett, Inc., 2309 Davis, N. Chicago, Ill.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 James Mfg. Co., Ft. Atkinson, Wis. "Jamesway"  
 Klein Mfg. Co., Burlington, Ia.  
 Mit-Sel Stamping Mfg. Co., Quincy, Ill.  
 National Mfg. Co., Des Moines, Ia. "Ideal"  
 Oakes Mfg. Co., Inc., Tipton, Ind.  
 Sheer (H. M.) Co., Quincy, Ill.  
 Simplex Broder Stove Co., Grand Rapids, Mich. "Simplex"  
 Starline, Inc., Harvard, Ill.  
 Thienam Harvester Co., Inc., Albert City, Ia. "Kleen-Kwik"  
 Weber-Kirch Mfg. Co., Keokuk, Ia. "W-K"  
**NESTED BLOCKS, Toy**—See Blocks, Nested, Toy  
**NESTED STOVE PIPE**—See Pipe, Stove  
**NET LEADS**—See Leads, Net





**DESIGNED TO SELL**

Heller Hardware Store Equipment, so enhances the attractiveness of your store and merchandise, that increased sales always follow a Heller installation. This statement is based on facts, actual performance records. Why deprive your business of these selling assets when the profit from increased sales will pay for the equipment. Hundreds of store owners swear by Heller equipment and its productivity. Feel free to ask for Heller's free store plans, or a sketch showing what can be done with your store and the cost.

**W. C. HELLER & CO.**  
740 Bryant Street  
Montpelier, Ohio

330 Hudson St.  
New York City

Get **HELLER'S**  
**LOW PRICES**



**SOIL-SOAKER**  
CANVAS HOSE SEEPS AT EVERY PORE  
IDEAL FOR LAWN, SHRUBS, GARDEN TREES

Puts Water Exactly WHERE YOU WANT IT

**150,000**  
Now Use **SOIL-SOAKERS**

**What this means to DEALERS**

**SOIL-SOAKER** is one of the most profitable of all waterers for the dealer to handle.

Its method of putting water deep into the soil by gentle seepage—like slow, steady rainfall—is preferred by most folks. Puts water just where wanted. No wasteful spray. Ideal for lawn, terrace, shrubs, beds, garden, etc.

Special mildew-resistant canvas. Nationally advertised. 4 lengths:

No. 0, 12', 1½ doz. to case  
No. 1, 18', 1 doz. to case  
No. 2, 30', ½ doz. to case  
No. 3, 50', ½ doz. to case

Order from your jobber. Nearly 400 carry complete **SOIL-SOAKER** stocks.

**HASTINGS CANVAS & MFG. CO.**  
Dept. HA-5, Hastings, Nebr.

**END CLOSED**

**SOIL-SOAKER**

## Popular IWAN Tools—

have a constant market ready for you, created by our advertising to consumers. There is always some job needed by your customers which IWAN tools are best fitted to perform.



The IWAN Post Hole & Well Auger should be your leading tool. More profitable for you than diggers; more satisfactory to users because of its easy and rapid operation and good capacity. Adapted to most soils. Sizes 2 to 16 inches in diameter. Stock at least one of each of these always salable sizes, 4, 6, 7, 8, 9 and 10 inch. Be sure to get the Genuine IWAN Auger from your jobbers.



We also make all the standard diggers, Atlas, Hercules, Eureka, Invincible, Gibbs and others. Also hay knives (4 styles), Barn Scrapers, Sidewalk cleaners and Tile-Ditch Cleaners.

### FOR YOUR TINSHOP

IWAN Revolving Chimney Top in 4, 6, 7, 8, 9, 10 and 12 inch. Iron Mountings also supplied separately. IWAN Perfection Wire Conductor Pipe

Hangers in 2, 2½, 3, 4, 5 and 6 inch. Hang your down-spouts quickly, neatly, economically with these good Hangers. For sale by most jobbers. INTERESTED? SEND postcard. Quick reply.



## IWAN BROTHERS

1511 Prairie Ave.

SOUTH BEND, INDIANA

## IVER JOHNSON

### SHOTGUNS—REVOLVERS—RIFLES

#### BICYCLES

#### Iver Johnson Single Barrel Shotguns:

**CHAMPION**—12, 16, 20, 28 Ga. and .410 bore. Automatic Ejector with different barrel lengths.

**MATTED TOP RIB**—12, 16, 20 Ga. and .410 bore. Automatic Ejector.

**SPECIAL TRAP VENTILATED RIB**—12 Ga. 32 inch barrel. Automatic Ejector.

#### Iver Johnson Double Barrel Shotguns:

**HAMMERLESS**—12, 16, 20 Ga. and .410 bore. Plain Extractor and Automatic Ejector.

**SKEET-ER**—12, 16, 20, 28 Ga. and .410 bore. Plain Extractor and Automatic Ejector. A made-to-measure gun.

**SUPERTRAP VENTILATED RIB**—12 Ga. 32 inch barrels. Automatic Ejector.

#### Iver Johnson Revolvers:

**SUPERSHOT SEALED EIGHT, I. J. Champion** .22 Target Single Action, and many other Target Models. Also regular Service Revolvers in different calibers.

#### Iver Johnson Self Cocking Safety Rifles:

**MODEL 2-X**—22 Bolt Action Single Shot. Walnut stock, chromium parts.

**MODEL X**—22 Bolt Action Single Shot. Walnut stock, regular finished parts.

### IVER JOHNSON'S ARMS & CYCLE WORKS

Fitchburg, Mass.



If interested in Bicycles, Velocipedes, Juniorcycles, Baby Walkers write us. For Arms write for catalog "A." For Wheel Goods—catalog "B."



**NETS, Basketball**

Arch-Horne Co., 25 West B'way, New York, N. Y.  
 Erickson Textile Co., Mokenca, Ill.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.

**NETS and EQUIPMENT, Fish**

Adams Net & Twine Co., St. Louis, Mo.  
 Briddell (Chas. D.) Inc., Crisfield, Md. "Briddell"  
 Ederer (R. J.) Net & Twine Co., Baltimore, Md.  
 Erickson Textile Co., Mokenca, Ill.  
 Fish Net & Twine Co., 310 Bergen Av., Jersey City, N. J.  
 Fowler Net & Twine Co., Phila., Pa.  
 Knox (W. & J.) Net & Twine Co., Baltimore, Md.  
 Luen Thread Co., Inc., 60 E. 42nd, New York, N. Y. "Barbour"  
 Reiner Mfg. Co., Inc., Hagerstown, Md. "Kims Minnow Dip"  
 Richardson Rod & Reel Co., Chicago, Ill.

**NETS, Fly, Horse, Etc.**

Algoma Net Co., Inc., Algoma, Wis. "Tromsald"  
 Brougher (W. D.) Net Co., Wellsville, Pa.  
 Clippenger, H. C., Shippensburg, Pa.  
 Gen. Hammock & Fly Net Co., Milwaukee, Wis.  
 Kling Mfg. Co., Milwaukee, Wis.  
 Leh (Thos.) & Son, E. Greenville, Pa.  
 Orlas (J. H.) Mfg. Co., Quakertown, Conn.  
 Palmer (I. E.) Co., Middletown, Conn.  
 Standard Products Mfg. Co., Milwaukee, Wis.

**NETS, Landing**

Barnesfold Net Co., San Francisco, Cal.  
 Briddell (Chas. D.), Inc., Crisfield, Md. "Briddell"  
 Heddons (Jas.) Sons, Dowagiac, Mich.  
 Horrocks-Ibbotson Co., Dept. S, Utica, N. Y.  
 Ideal Equipment Co., Indianapolis, Ind. "Best Yet"  
 Mills (Wm.) & Son, 21 Park Pl., New York, N. Y.  
 Olson Bros. Machine, Tool & Saw Co., Inc., 23 Lafayette, B'klyn, N. Y. "Ace," "Featherlyte"  
 Outing Mfg. Co., Elkhart, Ind.  
 Pepper (J. F.) & Co., 604 Kent, Rome, N. Y.  
 Perfection Mfg. Co., St. Louis, Mo.  
 Premax Products Div. Chisholm-Ryder Co., Inc., 9000 College Av., Niagara Falls, N. Y. "Premax"  
 Richardson Rod & Reel Co., Chicago, Ill. "Champion"  
 "Harrimac," "I.D.L.," "Our Own"  
 St. Charles Net & Hammock Co., St. Charles, Ill.  
 Weber Lifeline Fly Co., Stevens Point, Wis.

**NETS, Table Tennis**

Becker (P.) & Co., 323 W. Monroe, Chicago, Ill.  
 Chicago Table Tennis Co., 1625 N. Milwaukee, Chicago, Ill.  
 Harvard Table Tennis Co., Cambridge, Mass. "Harvard"  
 Thompson (J.) & Co., Inc., 112 Prince, New York, N. Y.

**NETS, Tennis**

Ederer (R. J.) Net & Twine Co., Baltimore, Md.  
 Fense (F. C.) Co., Narberth, Pa. "Teniko"  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Luen Thread Co., Inc., 60 E. 42nd, New York, N. Y. "Barbour"  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa. (Stainless Steel)  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 NETTING, Poultry—See Netting, Wire

**NETTING, Wire, Poultry, Etc.**

(See also Cloth, Wire)

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American Hexagon," "Hex-Cel," "Hextraline," "Straightline"  
 American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y. "Clinton"  
 Atlantic Steel Co., Atlanta, Ga. "Dixistee"  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Continental Steel Corp., Kokomo, Ind. "Flame Sealed"  
 Cyclone Fence Co., Waukegan, Ill. "Red Tag"  
 Gilbert & Bennett Mfg. Co., Blue Island, Ill.  
 Indiana Steel & Wire Co., Muncie, Ind. "U. S. Hexlok," "U. S. Stratitlok"  
 Keystone Steel & Wire Co., Peoria, Ill. "Chic-Mesh," "Straight Line"  
 Kitzelman Bros., Muncie, Ind. "Acme," "Universal"  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Leadlad Wire Co., Mountville, W. Va. "Lead-clad"  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Republic Steel Corp., Republic Bldg., Cleveland, O. "Republic"  
 Roebing's (John A.) Sons Co., Trenton, N. J. "Jersey"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Standard Fence Co., Oakland, Cal.

Tennessee Coal, Iron & R. R. Co., Birmingham, Ala. "Hex-Cel"  
 Wickwire Bros., Cortland, N. Y. "Gray Diamond Welded Fabric," "Hen-Chick," "Hexagon," "Net Wick"  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. "Clinton"  
 Wright (G. F.) Steel & Wire Co., Worcester, Mass. "Superior"

**NICKEL PLATED WASHERS**—See Washers, Nickel Plated**NICKEL SILVER FLAT TABLEWARE**—See Ware, Table, Flat, Nickel Silver**NICKEL SILVER SHEETS**—See Sheets, Nickel Silver**NIGHT LAMPS**—See Lamps, Night**NIGHT LATCHES**—See Latches, Night**NIGHT LIGHTS**—See Lights, Night, Safety, Electric**NIPPERS, Blacksmiths'**

Champion-De Arment Tool Co., Meadville, Pa.  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Lowe Mfg. Co., Enderlin, N. D. "Wagner & Lowe"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V & B"

**NIPPERS, Cutting**

Baker (H.) & Co., 101 Duane, New York, N. Y.  
 Capewell Mfg. Co., 60 Governor, Hartford, Conn. "Acme," "Capewell"  
 Carolus Mfg. Co., Sterling, Ill.  
 Champion-De Arment Tool Co., Meadville, Pa.  
 Crescent Tool Co., Jamestown, N. Y. "Crestology," "S. & H."  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Danielson (J. P.) Co., Inc., Jamestown, N. Y.  
 Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamalloy"  
 Higginum Hdw. Co., Higginum, Conn. "Acme"  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J. "Supreme"  
 Peck, Stowe & Wilcox Co., Southington, Conn. "Pexto"  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. (Imported)  
 Robinson (M. W.) Co., 28 Warren, New York, N. Y. "Carew's"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Bergs" (Swedish)  
 Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn. "Bernard" (End & Diagonal)  
 Starr Bros. Bell Co., E. Hampton, Conn. "Nettleton"  
 Starrett (L. S.) Co., Athol, Mass.  
 Utica Drop Forge & Tool Corp., Utica, N. Y. "Bull Dog"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V & B"

**NIPPERS, Tinners', Etc.**

Wusterbarth Bros., Meriden, Conn.

**NIPPLE HOLDERS**—See Holders, Nipple**NIPPLES, Hose**

Acheson Mfg. Co., Rankin Sta., Braddock, Pa.  
 Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 American Foundry & Mfg. Co., St. Louis, Mo.  
 Bard Mfg. Co., Royersford, Pa.  
 Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 Dallett (Thos. H.) Co., Phila., Pa.  
 Dayton Malleable Iron Co., Dayton, O.  
 Elkhart Brass Mfg. Co., Elkhart, Ind.  
 Exeter Brass Wks., Exeter, N. H.  
 Haydenville Co., Haydenville, Mass.  
 Hays Mfg. Co., Erie, Pa.  
 Illinois Malleable Iron Co., Chicago, Ill.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Knox Mfg. Co., Phila., Pa.  
 Lunkenheimer Co., Cincinnati, O.  
 Medina Stamping & Mach. Co., Medina, N. Y.  
 Mueller Co., Decatur, Ill.  
 Roberts Brass Mfg. Co., Detroit, Mich.  
 Sev Products, Inc., 2002 Rand Bldg., Buffalo, N. Y. "Fits-All"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Standard Brass & Iron Wks., Milwaukee, Wis.  
 Walworth Co., 60 E. 42nd, New York, N. Y. "Locknut"

**NIPPLES, Pipe**—See Fittings, Pipe**NITRO POWDER SOLVENTS**—See Solvents, Nitro Powder**NOISEMAKERS**

American Novelty Wks., Lancaster, Pa.  
 Bar Zim Toy Mfg. Co., Inc., 930 Newark Av., Jersey City, N. J.  
 Dessart Bros., Inc., 503 Metropolitan Av., B'klyn, N. Y.  
 Fishlove (H.) & Co., Chicago, Ill.  
 Kazoo Co., Eden, N. Y.  
 Kirchhoff Patent Co., 64 Union, Newark, N. J.  
 Marks Bros. Co., Boston, Mass.  
 Seiss Mfg. Co., Toledo, O.

**NON-ELECTRICAL REFRIGERATORS**—See Refrigerators, Ice**NON-METALLIC GEARS**—See Gears, Metal and Non-Metallic**NON-SKID CHAINS**—See Chains or Grips, Tire, Non-Skid**NON-SKID GRIPS**—See Chains or Grips, Tire, Non-Skid**NON-SLIPPING RUG COMPOUNDS**—See Compounds, Rug, Non-Slipping**NON-SPARKING TOOLS**—See Tools, Non-Sparking**NON-SQUEAK FLOOR COMPOUNDS**—See Compounds, Floor, Non-Squeak**NOODLE CUTTERS**—See Cutters, Noodle**NOSE PUNCHES**—See Punches, Nose, Bull**NOSINGS, Stair**

Alden Mfg. Co., Painesville, O.  
 All Metal Weatherstrip Co., 229 W. Ohio, Chicago, Ill.  
 American Mason Safety Tread Co., Lowell, Mass.  
 Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Dahlstrom Metallic Door Co., Jamestown, N. Y.  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
 Gould Messereau Co., Inc., 189 Lexington Av., New York, N. Y.  
 Hewitt-Gutta Percha Rubber Corp., Buffalo, N. Y.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Kinkead Industries, Inc., 1609 N. Wolcott Av., Chicago, Ill.  
 Krodell Reubel Co., Inc., 108 Meeker Av., B'klyn, N. Y.  
 Newell Mfg. Co., Ogdensburg, N. Y. "Newlco"  
 Venus Specialties Co., 1715 8th Av., B'klyn, N. Y.  
 Werner (R. D.) Co., Inc., 21 E. 30th, New York, N. Y. "Wernco"  
 Winsted Hdw. Mfg. Co., Winsted, Conn.  
 Wooster Products, Inc., Spruce, Wooster, O. "Wayne"  
 Youngstown Mfg. Co., 76 S. Prospect, Youngstown, O.

**NOVELTY KNIVES**—See Knives, Pocket, Advertising**NOZZLE HOLDERS**—See Holders, Nozzle**NOZZLES, Hose**

Acheson Mfg. Co., Braddock, Pa. "Pet"  
 Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 "Champion," "Gibbs," "Justrite," "Magic," "Mystic," "Peerless"  
 Alsteel Mfg. Co., Battle Creek, Mich.  
 Anderson (G. A.) Mfg. Co., Baltimore, Md.  
 Signal Co., Medina, N. Y.  
 Boston Woven Hose & Rubber Co., Cambridge, Mass. "Boston," "Challenge," "Eclipse"  
 Brown (E. C.) Co., Rochester, N. Y. "Non-Clog"  
 Buckeye Iron & Brass Wks., Dayton, O.  
 Carter Products Corp., 702 Front Av., Cleveland, O. "Carter" (Lever Spray)  
 Centre Brass Works, Inc., 72 Spring, New York, N. Y. "Centre"  
 Clay, John H., Phila., Pa.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Eastman (Samuel) Co., East Concord, N. H.  
 Elkhart Brass Mfg. Co., Elkhart, Ind. "Elk," "Fireman's Pet"  
 Garden Hose Spray Co., Inc., 89 B'way, Cambridge, Mass. "Arnold"  
 Gee (H. L.) Mfg. Co., 9292 Santa Monica Blvd., Beverly Hills, Cal. "Best-One"  
 Goodrich (B. F.) Co., Akron, O. "Multispray"  
 Haydenville Co., Haydenville, Mass.  
 Hays Mfg. Co., Erie, Pa.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa. "Keystone," "Vac-Spray"  
 McClain Bros., Clark Bldg., Canton, O.  
 Knox Mfg. Co., Phila., Pa.  
 Medina Stamping & Mach. Co., Medina, N. Y.  
 Molded Specialties Co., 1971 E. 79th, Cleveland, O. "Tri-Con"  
 Morse (Andrew J.) & Son, Boston, Mass. "Monitor," "Mose"  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. (Hose and Spray)  
 Nelson (L. R.) Mfg. Co., Peoria, Ill. "Central," "Daisy," "Dixie," "King," "Pat," "Rainboy"  
 Orr Co., not Inc., 9837 S. Hoyne Av., Chicago, Ill. "OK"  
 Penberthy Injector Co., Detroit, Mich. "Water Gun"  
 Ross Sprinkler Co., Pasadena, Cal.  
 Scovill Mfg. Co., Waterbury, Conn. "Long Range"  
 Semler Co., Jeannette, Pa. "Maid of the Mist"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich. "Battle Creek," "Boss," "Brass King," "Diamond," "Duo," "Gold Label" (Also Portable Spray Heads)  
 Smith (D. B.) & Co., Utica, N. Y. "Aquamatic"  
 Standard Brass & Iron Wks., Milwaukee, Wis.  
 Thomas Products Co., 15473 Indiana Av., Detroit, Mich. "5 Way Sprink-Nozzle"  
 Thompson Mfg. Co., Los Angeles, Cal.  
 United States Rubber Co., 1230 6th Av., New York, N. Y.  
 Wheaton (A. W.) Brass Wks., 110 Walnut, Newark, N. J. "Newark"  
 X. L. Mfg. Co., Chicago, Ill. (Spray Heads)

**NUMBERED TACKS**—See Nails, Screen or Numeral

# Now! from One Dependable Source

## U.S. STRAITLOK POULTRY NETTING

## U.S. HEXLOK POULTRY NETTING

## U.S. 4 in 1 POULTRY NETTING

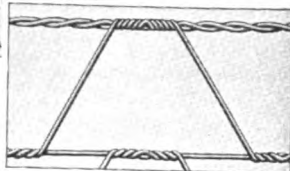
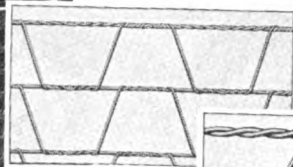
### Original Straight-Line Netting

#### U. S. STRAITLOK

Woven like farm fence with straight, parallel line wires and original, non-slip LOCK-TWIST joints . . . stretches perfectly without top-rail or baseboard . . . requires fewer posts . . . rolls out flat . . . easier to handle and cut . . . costs less erected. Made entirely of Copper-Bearing Steel Wire, pure zinc galvanized.

ONE-INCH MESH No. 20 wire—Galvanized Before or After Weaving. Widths: 12, 18, 24, 30, 36, 42, 48, 60 and 72 inches. Standard rolls 150 linear feet.

TWO-INCH MESH—Furnished in two weights, No. 19 and No. 20, Galvanized Before or After Weaving. Widths: 12, 18, 24, 30, 36, 42, 48, 60 and 72 inches. Standard rolls 150 linear feet.



### Improved Hexagon Mesh Netting

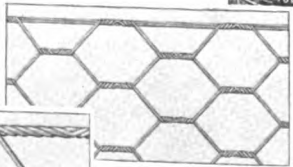
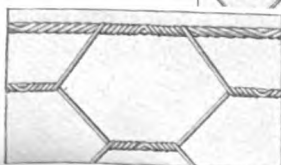
#### U. S. HEXLOK

Made with the famous U. S. LOCK-TWIST weave . . . more uniform, more rigid . . . lies flat when unrolled . . . easy to handle, easy to cut . . . stretches perfectly . . . makes a neater, more satisfactory fence. All Copper-Bearing Steel Wire, pure zinc galvanized.

ONE-INCH MESH—Furnished in No. 20, Galvanized Before or After Weaving and in No. 18 Galvanized After Weaving only. No. 20 made in standard widths 12 to 72 inches; No. 18 in standard widths 24 to 72 inches. 150-foot rolls.

TWO-INCH MESH—Made in three weights, No. 16, No. 19 and No. 20, Galvanized Before or After Weaving. Standard widths 12 to 72 inches. 150-foot rolls.

ONE and ONE-HALF INCH MESH—No. 16 wire, Galvanized After Weaving. Standard widths 24 to 72 inches. 150 foot rolls.



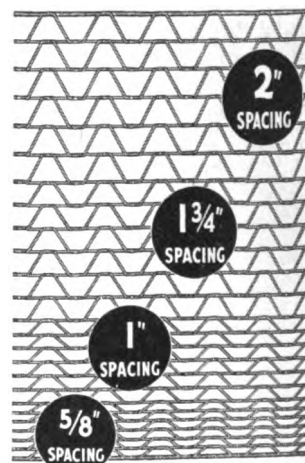
### Graduated Mesh Netting

#### U. S. 4 IN 1

The new U. S. Straight-line Netting that provides poultry-proof protection at lowest cost. Combines FOUR fabrics in ONE. Chick-tight at bottom; poultry-tight all the way up. Six lower spaces only 5/8-inch; next six spaces, 1 inch; next six spaces 1 3/4 inches; remainder 2 inches.

Made with straight, parallel line wires joined by famous U. S. LOCK-TWIST. Rolls out flat. Stretches perfectly to wood or steel posts. Requires no top-rail or baseboard. Copper-Bearing Steel Wire, pure zinc galvanized.

Furnished in Specification 21, Galvanized Before or After Weaving. Widths: 24, 36, 48, 60 and 72 inches. Standard rolls contain 150 linear feet.



### Farm, Poultry, Lawn Fence

HINGE-JOINT FARM FENCE—Three weights: All No. 9 gauge; No. 9 and 11 gauge; No. 10 and 12 1/2 gauge. Furnished with stays 12 inches apart or 6 inches apart. Heights: 7 bar—26 inch; 8 bar—32 inch; 9 bar—39 inch; 10 bar—47 inch; 11 bar—55 inch. 20 and 40 rod rolls.

HINGE-JOINT CATTLE FENCE—Three weights: All No. 9 gauge; No. 9 and 11 gauge; No. 10 and 12 1/2 gauge. Heights: 6 bar—35 inch; 8 bar—45 inch; 9 bar—49 inch. Stays 12 inches apart. 20 and 40 rod rolls.

HINGE-JOINT POULTRY FENCE—Stays 6 inches apart. Heights: 36, 48, 60 and 72 inches. Three weights: No. 17 gauge, No. 15 1/2 gauge and No. 14 1/2 gauge. Stays 4 inches apart. Heights: 36, 48, 60 and 72 inches. No. 17 gauge.

HINGE-JOINT HOG FENCE—No. 11 and 14 1/2 gauge. Heights: 7 bar—26 inch; 8 bar—32 inch; 9 bar—39 inch. Stays 6 inches apart. 20 and 40 rod rolls.

LAWN FENCE: Ornamental Single and Double picket lawn fence. No. 9 1/2 heavy and No. 11 special. Heights: 30, 36, 42 and 48 inches.

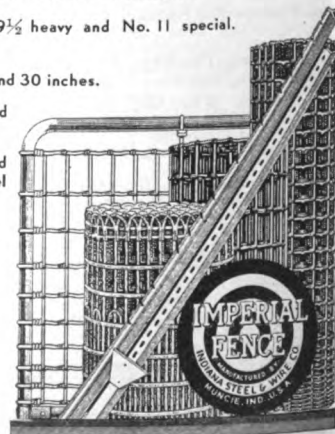
FLOWER BED BORDER: No. 9 1/2 heavy and No. 11 special. Heights: 16, 22 and 28 inches.

VINE TRELLIS: Widths: 18, 24 and 30 inches.

STEEL GATES: Farm, Poultry and Lawn.

STEEL FENCE POSTS: "T" and "Y" Type Line Posts. Angle Steel Corner, End and Gate Posts.

Galvanized Clothes Line  
Galvanized Barbed Wire  
Galvanized Twisted Barbless Wire  
Galvanized Fence and Brace Wire  
Annealed Fence Wire  
Polished Staples  
Galvanized Fence Staples  
Galvanized Netting Staples  
Wire Assortments



MADE IN U.S.A. • INDIANA STEEL & WIRE CO. • MUNCIE, INDIANA

Mention Hardware Age When Writing 

Digitized by



**NUMBERS—See also under Letters**

**NUMBERS, Aluminum—See Numbers and Letters, Metal**

**NUMBERS, CELLULOID—See Numbers and Letters, Celluloid**

**NUMBERS, Glass**

Western Cataphote Corp., 958 Wall, Toledo, O.

**NUMBERS, House—See Numbers and Letters, Metal**

**NUMBERS, House, Illuminated, Electric**

Art-O-Lite Co., 7945 Wellington Av., Chicago, Ill.  
"Address-O-Lite"

Greider (K. H.) Mfg. Co., Springfield, O.  
Mastermall Box Mfg. Co., 6629 Lyndale Av., So. Minneapolis, Minn. "Master"  
Volk Bros., Lakewood, O. "Dayanite"

**NUMBERS and LETTERS, Celluloid**

Marbelite Co., Wallingford, Conn. "Marbelite"

**NUMBERS and LETTERS, Luminous**

Cambridge Tile Mfg. Co., Covington, Ky. "Ever-brite" (Tile)

Collins (Geo. F.) & Co., Sapulka, Okla.  
Miller (J. Walter) Co., Lancaster, Pa.  
Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Av., Niagara Falls, N. Y. "Deluxe," "Premax"

Pyne & Co., Los Angeles, Cal.  
U. S. Radium Corp., 535 Pearl, New York, N. Y. "Day-Nite," "U. S. R."

Western Cataphote Corp., 958 Wall, Toledo, O.

**NUMBERS, Luminous—See Numbers and Letters, Luminous**

**NUMBERS and LETTERS, Metal**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Brainerd Mfg. Co., East Rochester, N. Y.  
Brim (A. W.) Co., Seneca Falls, N. Y. (Aluminum, Brass and White Metal)

Champion Hardware Co., Geneva, O.  
Cincinnati Mfg. Co., Cincinnati, O.  
City Plating & Mfg. Co., St. Louis, Mo.  
Clouser Bros., 100 Transportation Bldg., Indianapolis, Ind.

Colonial Bronze Co., Fairmont Av., Torrington, Conn.  
Corbin, P. & F., New Britain, Conn.  
Detroit Hardware Mfg. Co., Detroit, Mich.  
Erick Grabler Co., Cleveland, O.  
Deco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.  
Hamilton, Metal Products Co., Hamilton, O. "Climax"

Hanson (C. H.) Co., 303 W. Erie, Chicago, Ill.  
Imperial Brass Mfg. Co., Chicago, Ill.  
Ingram-Richardson Mfg. Co., Beaver Falls, Pa.  
Keil (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.

Knight (H. W.) & Son, Seneca Falls, N. Y.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Mackinburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"

Mayer (Geo. J.) Co., Indianapolis, Ind.  
Miller (J. Walter) Co., Lancaster, Pa.  
Moise-Klinker Co., San Francisco, Cal.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Osborne (C. S.) & Co., Harrison, N. J.  
Parker Products Co., 1111 Power Av., Cleveland, O. (Stainless Steel)

Payson Mfg. Co., Chicago, Ill.  
Penn Hdw. Co., Reading, Pa.  
Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Av., Niagara Falls, N. Y. "Deluxe," "Premax"

Reading Hdw. Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"

Safe Padlock & Hardware Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Schwerdtle Stamp Co., Bridgeport, Conn.  
Skillman Hardware Mfg. Co., Trenton, N. J.

Slaymaker Lock Co., Lancaster, Pa.  
Smith (F. P.) Wire & Iron Wks., Chicago, Ill.  
Smith (R. H.) Mfg. Co., Springfield, Mass.  
Stafford (N.) Co., 53d & 1st Av., B'klyn, N. Y.

Steele, Geo., Chicago, Ill.  
Turner & Seymour Mfg. Co., Torrington, Conn.  
Weber-Knapp Co., Jamestown, N. Y.

Wilson, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

Yale & Towne Mfg. Co., Stamford, Conn.

**NUMERAL SCREEN TACKS—See Tacks, Screen, Numeral**

**NURSERIES, Rose Bush, Shrub, Evergreen, Etc.**

Amawalk Nursery, Inc., Amawalk, N. Y.  
Andorra Nurseries, Inc., Phila., Pa.  
Arcadia Rose Co., Newark, N. Y. "Certi-Fed," "Fertil-Potted"  
Bobbink & Atkins, Rutherford, N. J.  
Burr (C. R.) & Co., Inc., Manchester, Conn. "Burr"  
Chase Nursery Co., Chase, Ala.  
Economy Nursery Co., Little Silver, N. J. "Blue Ribbon Brand," "Crown Brand," "Eagle Brand," "Gro-Pac," "Sur-Gro"

Flower City Rose Co., Manchester, Conn. "Ever-Bloom," "Flower-Full," "Safe-Ti-Planted," "Shur-Bloom," "Super Bloom"

Fraser Nurseries, Inc., Birmingham, Ala.  
Green's Nursery Co., Clifton, N. Y.  
Howard Rose Co., Hemet, Cal.  
Jackson & Perkins Co., Newark, N. Y.  
McKay Nursery Co., Waterloo, Wis.  
Mount Arbor Nurseries, Inc., Shenandoah, Iowa. "Sure to Grow"

Stark Bros., Louisiana, Mo.  
Texas Nursery Co., Sherman, Tex.  
Troy Nurseries, Troy, O.  
Willis Nursery Co., Ottawa, Kan.  
Wilson (C. E.) & Co., Inc., Manchester, Conn. "Seal Kraft," "Seal-Pakt," "Seal-Potted"

**NURSERY HOES—See Hoes, Garden and Field**

**NURSERY KNIVES—See Knives, Florist, Nursery & Budding**

**NURSERY REFRIGERATORS—See Refrigerators, Nursery**

**NURSERY SCALES—See Scales, Baby**

**NURSERY SPADES—See Spades, Nursery**

**NURSERY STAKES—See Stakes, Nursery and Garden**

**NURSING BOTTLES—See Bottles, Nursing**

**NUT AUGERS—See Augers, Nut**

**NUT CAPS—See Caps, Bolt, Nut & Screw**

**NUT CRACKERS—See Crackers, Nut**

**NUT MEAT CHOPPERS—See Choppers, Meat, Nut**

**NUT SPLITTERS—See Splitters, Nut**

**NUT WRENCHES—See Wrenches, Adjustable, also Wrenches, Engineers' and Machinists'**

**NUTS, Brass and Copper**

American Screw Co., Providence, R. I.  
Ansonia Mfg. Co., Ansonia, Conn.  
Blake & Johnson Co., Waterbury, Conn.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Chase Brass & Copper Co., Waterbury, Conn.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Columbus Brass Co., Columbus, O.  
Continental Screw Co., New Bedford, Mass. "Hot-tite"

Curtis Screw Co., Inc., 17 Gull, Buffalo, N. Y.  
Detroit Nut Co., Detroit, Mich.  
Harper (H. M.) Co., Chicago, Ill.  
Lincoln Brass Wks., Detroit, Mich.  
National Acme Co., Cleveland, O. (Brass)  
Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
Reed & Prince Mfg. Co., Worcester, Mass.  
St. Louis Screw & Bolt Co., St. Louis, Mo.  
Screw Machine Specialty Co., Pittsburgh, Pa.  
United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
Western Automatic Mach. Screw Co., Elyria, O.

**NUTS, Cap**

American Screw Co., Providence, R. I.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Continental Screw Co., New Bedford, Mass. "Hot-tite"

Corbin Screw Corp., New Britain, Conn.  
Curtis Screw Co., Inc., 17 Gull, Buffalo, N. Y.  
Ferry Cap & Set Screw Co., 2151 Scranton Rd., Cleveland, O.  
Harper (H. M.) Co., 2620 Fletcher, Chicago, Ill.  
Lincoln Brass Wks., Detroit, Mich.  
National Acme Co., Cleveland, O.  
Parker-Kalon Corp., 200 Varick, New York, N. Y.  
Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
St. Louis Screw & Bolt Co., St. Louis, Mo.  
Screw Machine Specialty Co., Pittsburgh, Pa.  
Steele & Johnson Mfg. Co., Waterbury, Conn.  
Steward-Romaine Mfg. Co., Phila., Pa.  
United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
Western Automatic Mach. Screw Co., Elyria, O.

**NUTS, Case Hardened**

Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
Bethlehem Steel Co., Bethlehem, Pa.  
Chicago Screw Co., Chicago, Ill.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Curtis Screw Co., Inc., 17 Gull, Buffalo, N. Y.  
Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
Milton Mfg. Co., Milton, Pa.  
National Acme Co., Cleveland, O.  
National Screw & Mfg. Co., Cleveland, O.  
Neely Nut & Bolt Co., Pittsburgh, Pa. "Nubolt"  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"

Rhode Island Tool Co., Providence, R. I.  
Rockford Screw Products Co., Rockford, Ill.  
Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"

Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.

St. Louis Screw & Bolt Co., St. Louis, Mo.

Western Automatic Mach. Screw Co., Elyria, O.

**NUTS, Castellated**

Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
Automotive Hdw., Inc., 38 S. Cruse, Indianapolis, Ind.

Bethlehem Steel Co., Bethlehem, Pa.  
Buffalo Bolt Co., N. Tonawanda, N. Y.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Cleveland Cap Screw Co., 2921 E. 79th, Cleveland, O.  
Corbin Screw Corp., New Britain, Conn.  
Dorman Star Washer Co., 1004 Sycamore, Cincinnati, O.

Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
National Acme Co., Cleveland, O.  
National Screw & Mfg. Co., Cleveland, O.  
Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"

Rockford Screw Products Co., Rockford, Ill.  
Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"

Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.

St. Louis Screw & Bolt Co., St. Louis, Mo.

Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"

United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.

Western Automatic Mach. Screw Co., Elyria, O.

**NUTS, Check and Jam**

Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
Automotive Hdw., Inc., 38 S. Cruse, Indianapolis, Ind.

Bethlehem Steel Co., Bethlehem, Pa.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Chicago Screw Co., Homan Av. & Fillmore, Chicago, Ill.

Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Corbin Screw Corp., New Britain, Conn.  
Harper (H. M.) Co., 2620 Fletcher, Chicago, Ill.  
Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
National Screw & Mfg. Co., Cleveland, O.  
Oliver Iron & Steel Co., Pittsburgh, Pa.  
Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"

Rhode Island Tool Co., Providence, R. I.  
Rockford Screw Products Co., Rockford, Ill.  
Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y.

Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
St. Louis Screw & Bolt Co., St. Louis, Mo.  
Sevill Mfg. Co., Waterbury, Conn.  
Sherman-Klove Co., Chicago, Ill.

Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"

Western Automatic Mach. Screw Co., Elyria, O.

**NUTS, Cold Punched**

American Screw Co., Providence, R. I.  
Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.

Bayonne Bolt Corp., Bayonne, N. J.  
Bethlehem Steel Co., Bethlehem, Pa.  
Berry Bros., Columbus, O.  
Buffalo Bolt Co., North Tonawanda, N. Y.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Chicago Screw Co., Chicago, Ill.

Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Columbus Bolt Wks. Co., Columbus, O.  
Erie Bolt & Nut Co., Erie, Pa.  
General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.

Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Lewis Bolt & Nut Co., Minneapolis, Minn.  
Maryland Bolt & Nut Co., Baltimore, Md.  
Milton Mfg. Co., Milton, Pa.  
National Screw & Mfg. Co., Cleveland, O.

Neely Nut & Bolt Co., Pittsburgh, Pa. "Nubolt"  
Ohio Nut & Bolt Co., Berea, O.  
Oliver Iron & Steel Co., Pittsburgh, Pa.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.

Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"

Rhode Island Tool Co., Providence, R. I.  
Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"

Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.

St. Louis Screw & Bolt Co., St. Louis, Mo.

Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"

Smith (Thos.) Co., Worcester, Mass.

Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.

Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"

**NUTS, Copper—See Nuts, Brass and Copper**

**NUTS, Expansion**

Chicago Expansion Bolt Co., 126 S. Clinton, Chicago, Ill.

Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"

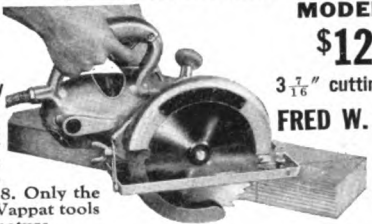
**FREE TRIAL OFFER—NO "RED TAPE" MAKES****Fred W. Wappat****ELECTRIC HAND SAW SALES EASY FOR YOU**

Builders and contractors are proven prospects for electric hand saws. A Fred W. Wappat saw will sell itself. Let your builder customers try this saw for themselves. Now it's possible for you to offer a Fred W. Wappat electric hand saw on our unusual free trial basis that costs you nothing, has no "red tape". There's a generous profit for you on each sale. Write for full details.

**MODEL A-8"****\$105.00**

2½" cutt'g capacity

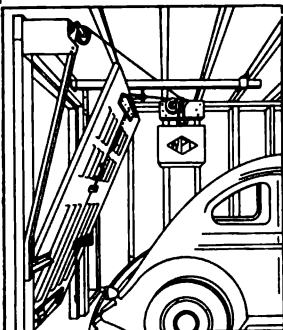
Designed and built by Fred W. Wappat whose high quality tools have meant extra profits to builders since 1918. Only the genuine Fred W. Wappat tools bear the above signature.

**MODEL A-9"****\$125.00**

3 7/16" cutting capacity

**FRED W. WAPPAT**

7317  
PENN. AVE.  
PITTSBURGH,  
PENNA.

**TIP TOP FLOAT OVER HARDWARE****TRULY the ORIGINAL**

No. 760 New DeLux Model (Patented). Permits garage doors, when up, to be flush with outside of opening. Doors will clear all modern cars, even if bumper is touching door. Locking mechanism allows use of padlock, or dead lock—permits keying of garage with house doors. Features: Permits standard weatherstripping outside on door frame. Positive locking handle. Easily installed on old or new doors. 12 door sizes: 8½" x 8' to 16' x 8'. List: \$25.75 to \$50.50. Complete with weather stripping. Also less expensive model.

Also Barn, Fire, Industrial Door Hardware and Hardware Specialties. If your Jobber cannot give you WESTERN—write us.

**Western Products, Inc., New Castle, Indiana****The Hustling Stay-Tite Crew**

**STAY-TITE CAULKING COMPOUND**  
Seals air and water leaks, etc. Elastic. Ready to use. Black, gray and mahogany.

**STAY-TITE XXX CEMENT**  
For laying linoleum, canvas, rubber, etc.

**STAY-TITE SEALER**  
For ventilators, auto tops, boat decks, etc. Heat proof. Remains elastic and pliable.

**STAY-TITE GLUE**  
A super repair-glue. Transparent. Waterproof. Sets quickly and cements permanently.

**STAY-TITE WOOD CRACK FILLER**  
Non-shrinking, non-sagging, non-crumbling.

Also other fast-selling products including **RUSTGO**—the oil free rust remover and neutralizer for all metals.

**Brings Bigger Profit Per Sale To You!**

All-year-round sellers for Marine uses, Home uses, Industrial uses, Autobody uses, etc.

**FREE!** 4 Color Counter & Window Display with Special Deal.

Write for literature, and name of nearest Jobber.

**STAY-TITE PRODUCTS CO.**  
Dept. HA, 3107 Detroit Ave.,  
Cleveland, Ohio

**New! SHEFFIELD'S** *Super Ready Mixed*  
**ALUMINUM PAINT**  
*Chromium Finish*

SPRAYS, dips or brushes to a satin smooth finish. For exterior or interior use on wood, metal or brick. Will not lose its brilliance regardless of how long it stands on shelf. ½ pt. to 5 gal. cans.

**At America's Lowest Price for Such Quality!**

**And 22 Other Sheffield Fast Sellers**  
**SHEFFIELD BRONZE POWDER & STENCIL CO.**  
Order from your jobber. Jobbers—write for details.  
CLEVELAND, OHIO

**STONE WORKING TOOLS****HAND HAMMERS****PLUG DRILLS****WEDGES AND SHIMS****STRIKING HAMMERS AND BULL SETS****TROW & HOLDEN COMPANY**

have spent 50 YEARS manufacturing stone cutting tools from the best grades of steel  
FOR THE TOUGHEST JOBS AND THE MOST PARTICULAR MEN

*always specify***TROW & HOLDEN COMPANY****BARRE, VERMONT***Write for catalog*

**We Manufacture and Sell**  
**NOTHING BUT WEATHERSTRIP!**  
**BOSLEY'S**

**DOUBLE CONTACT WOOD AND FELT****DOUBLE CONTACT METAL AND FELT****SPRING BRONZE Plain or Ridged****BRASS AND FELT DOOR BOTTOMS****CUSHION TYPE**

**HOME COMFORT & HEAT SEAL**  
(Patent 1,481,451)

**AIRSEAL & NUSEAL**  
(Competitive)

**PACKAGE FELTS Hair and Wool**

This line fills 90% of Hardware Dealer requirements.

Order from your Jobber or write us.

**WIRFS - BOSLEY CORPORATION**  
3242-44 No. California Avenue Chicago, Illinois

**PAGE'S Seeds**

Field, Vegetable and Flower Seeds  
**AT WHOLESALE**

A full line of our standard quality SELECTED and TESTED VARIETIES.

Also Onion Sets and PA-SE-CO BRAND SEED CORN.

Write for quotations on your requirements.  
"At Your Service Since 1896"

**THE PAGE SEED COMPANY**  
P. O. BOX B-3 GREENE, N. Y.

SEED PACKETS available on our SALE and RETURN CONTRACT for 1941

**The ALL-AMERICAN Line**  
of  
**Insulated Food and Beverage Containers (Picnic Jugs)**

Popular sellers with the Hardware Trade

Write for Catalog and Name  
of Nearest Jobber

**METAL INDUSTRIES, INC.**  
Box 1, Indianapolis, Indiana

Mention Hardware Age When Writing

# NUTS, Hot Pressed

Ames (W.) & Co., 417 Communipaw Av., Jersey City, N. J.  
 Atlas Bolt & Screw Co., Cleveland, O.  
 Bayonne Bolt Corp., Bayonne, N. J.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Boss Bolt & Nut Co., Chicago, Ill.  
 Buffalo Bolt Co., North Tonawanda, N. Y.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Columbus Bolt Wks. Co., Columbus, O.  
 General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
 Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland, O.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Lewis Bolt & Nut Co., Minneapolis, Minn.  
 Maryland Bolt & Nut Co., Baltimore, Md.  
 Merrill Bros. Maspeth, N. Y.  
 Milton Mfg. Co., Milton, Pa.  
 National Screw & Mfg. Co., Cleveland, O.  
 Neely Nut & Bolt Co., Pittsburgh, Pa. "Nubolt"  
 Ohio Nut & Bolt Co., Berea, O.  
 Oliver Iron & Steel Co., Pittsburgh, Pa.  
 Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 St. Louis Screw & Bolt Co., St. Louis, Mo.  
 Screw Machine Specialty Co., Pittsburgh, Pa.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"

NUTS, Jam—See Nuts, Check and Jam

# NUTS, Joint

Bethlehem Steel Co., Bethlehem, Pa.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"  
 Rhode Island Tool Co., Providence, R. I.  
 St. Louis Screw & Bolt Co., St. Louis, Mo.  
 Screw Machine Specialty Co., Pittsburgh, Pa.  
 Smith (Thos.) Co., Worcester, Mass.

# NUTS, Lock

(See also Washers, Lock)

American Nut & Bolt Fastener Co., 2029 Doerr, Pittsburgh, Pa. "Flex"  
 Automatic Nut Co., Inc., Lebanon, Pa. "Anco"  
 Beall Tool Div., Bayonne, N. J.  
 Beall Tool Div., Hubbard & Co., East Alton, Ill.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Columbia Nut & Bolt Co., Inc., Bridgeport, Conn. "Columbia"  
 Elastic Stop Nut Corp., 2330 Vauxhall Rd., Union, N. J.  
 International Safety Lock Nut Corp., 67 Broad, New York, N. Y. "Dalwa"  
 Industrial Lock Nut Co., Inc., So. Hanover, Mass. "Perma-Tite"  
 Lincoln Brass Wks., Detroit, Mich.  
 Palnut Co., Irvington, N. J.  
 Positive Lock Washer Co., 181 Miller, Newark, N. J.  
 Rawlplug Co., Inc., 97 Lafayette, New York, N. Y. "Crowners"  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Marsden"  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 Woodings-Verona Tool Wks., Verona, Pa.

# NUTS, Machine Screw

American Screw Co., Providence, R. I.  
 Atlas Bolt & Screw Co., Cleveland, O.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Blake & Johnson Co., Waterbury, Conn.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Continental Screw Co., New Bedford, Mass. "Holt"  
 Corbin Screw Corp., New Britain, Conn.  
 Dorman Star Washer Co., 1004 Sycamore, Cincinnati, O.  
 Economy Screw Corp., Chicago, Ill.  
 General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
 National Screw & Mfg. Co., Cleveland, O.  
 New England Screw Co., 44 Farnsworth, Boston, Mass.  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
 Progressive Mfg. Co., Torrington, Conn.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Rockford Screw Products Co., Rockford, Ill.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 Seovill Mfg. Co., Waterbury, Conn.  
 Screw Machine Specialty Co., Pittsburgh, Pa.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.

# NUTS, S.A.E. Plain and Castellated

Bethlehem Steel Co., Bethlehem, Pa.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Columbia Nut & Bolt Co., Inc., Bridgeport, Conn.  
 Corbin Screw Corp., New Britain, Conn.  
 Detroit Nut Co., Detroit, Mich.  
 Dorman Star Washer Co., 1004 Sycamore, Cincinnati, O.  
 Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland, O.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Lewis Bolt & Nut Co., Minneapolis, Minn.  
 Neely Nut & Bolt Co., Pittsburgh, Pa.  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Rockford Screw Products Co., Rockford, Ill.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 Sandusky Nut Co., Sandusky, O.  
 Seovill Mfg. Co., Waterbury, Conn.  
 Sherman-Klove Co., Chicago, Ill.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"

# NUTS, Semi-Finished

American Screw Co., Providence, R. I.  
 Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
 Automotive Hdwe., Inc., 38 S. Cruise, Indianapolis, Ind.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Cleveland Cap Screw Co., 2924 E. 79th, Cleveland, O.  
 Continental Screw Co., New Bedford, Mass.  
 Corbin Screw Corp., New Britain, Conn.  
 Dorman Star Washer Co., 1004 Sycamore, Cincinnati, O.  
 Erie Bolt & Nut Co., Erie, Pa.  
 Ferry (F. W.) Screw Products, Inc., 8219 Almiral, Cleveland, O.  
 General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
 Hartford Machine Screw Co., Hartford, Conn.  
 Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland, O.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Lewis Bolt & Nut Co., Minneapolis, Minn.  
 Milton Mfg. Co., Milton, Pa.  
 National Machine Products Co., 4850 Bellevue Av., Detroit, Mich.  
 National Screw & Mfg. Co., Cleveland, O.  
 Neely Nut & Bolt Co., Pittsburgh, Pa.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
 Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O.  
 Rockford Screw Products Co., Rockford, Ill.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 Sandusky Nut Co., Sandusky, O.  
 Seovill Mfg. Co., Waterbury, Conn.  
 Sherman-Klove Co., Chicago, Ill.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"  
 United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
 Western Automatic Machine & Screw Co., Elyria, O.

# NUTS, Thumb or Wing

American Screw Co., Providence, R. I.  
 Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
 Billings & Spencer Co., Hartford, Conn. "Triangle B"  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Chicago Screw Co., Chicago, Ill.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Columbus Bolt Wks. Co., Columbus, O.  
 Continental Screw Co., New Bedford, Mass.  
 Corbin Screw Corp., New Britain, Conn.  
 Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2790 Tennyson Rd., S. E., Cleveland, O.  
 Economy Screw Corp., Chicago, Ill.  
 Harper (H. M.) Co., Chicago, Ill.  
 Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
 Keystone Forging Co., Northumberland, Pa.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Mueller Brass Co., Port Huron, Mich.  
 National Lock Co., Rockford, Ill.  
 National Screw & Mfg. Co., Cleveland, O.  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
 Philadelphia Hdw. & Malleable Iron Wks., Inc., 7500 State Rd., Phila., Pa.  
 Reed & Prince Mfg. Co., Duncan Av., Worcester, Mass.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 St. Louis Screw & Bolt Co., St. Louis, Mo.  
 Screw Machine Specialty Co., Pittsburgh, Pa.  
 United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y.

# NUTS, Wing—See Nuts, Thumb or Wing

NUTMEG GRATERS—See Graters, Nutmeg

NUTTED STAPLES—See Staples, Nuted

OAK HANDLES—See Handles, Oak

# OAKUM

American Mfg. Co., Noble & West, B'klyn, N. Y. "Royal"  
 Belmont Smelting & Refining Works, Inc., 217 Belmont Av., B'klyn, N. Y.  
 Bishop (Robert) Mfg. Co., South Boston, Mass.  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Davey Oakum Co., 1 Newark Av., Jersey City, N. J.  
 Hooven & Allison Co., Xenia, O. "Clermont," "Mayflower" (Plumbers Spun, Rope & Marine)  
 Meagher's (Jas.) Sons, San Francisco, Cal.  
 Kugg (E. T.) Co., Newark, O. (Marine, Plumbers Spun & Twisted Jute)  
 St. Louis Cordage Mills, St. Louis, Mo.  
 Stratford (Geo.) Oakum Co., 120 Montgomery, Jersey City, N. J.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall" (Marine, Plumbers & Packing)  
 Woolford (N. B.) Oakum Co., Baltimore, Md.  
 OAR LOCKS—See Locks, Oar

# OARS

Allen, F. A., Monmouth, Ill.  
 Anchor Sawmills Co., Kenner, La.  
 Bredenberg Bros., Inc., Champlain, N. Y. "Broadmount"  
 Graham Products Co., 1534 High, Lansing, Mich.  
 Kidney (Daniel) & Son, West De Pere, Wis.  
 Lease (J. D.) & Son, Jeffersonville, Vt.  
 Montague Oar & Paddle Corp., Foxboro, Mass.  
 New York Boat Oar Co., Inc., 40 Rector, New York, N. Y. "Arrow," "Crescent," "Page"  
 Old Town Canoe Co., Old Town, Me.  
 Robertson, J. R., Auburndale, Mass.  
 Shaw & Tenney, Orono, Me.  
 Skaneateles Boat & Crane Co., Skaneateles, N. Y.  
 Strand (Martin A.) Ski Co., New Richmond, Wis.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wilsey & Shaffer Mfg. Co., Vicksburg, Miss.

OAT SPROUTERS—See Sprouters, Oat

OFFICE GATE HINGES—See Hinges, Gate, Office

OFFICE GATES—See Gates, Bank, Office, Store, Etc.

OFFICE KNIVES—See Knives, Office

OFFICE SHEARS—See Shears, Office

OIL BURNER LIGHTERS—See Lighters, Oil Burner, Electric

OIL BURNERS—See Burners, Oil, House-heating

OIL BURNING CIRCULATING AND RADIANT HEATERS—See Heaters, Circulating and Radiant, Fuel Oil Burning

OIL BURNING CIRCULATOR UNITS—See Units, for Oil Burning Circulators

OIL BURNING FURNACES—See Furnaces, Oil Burning

OIL BURNING RADIANT AND CIRCULATING HEATERS—See Heaters, Circulating and Radiant, Fuel Oil Burning

OIL BURNING RANGES—See Ranges, Oil Burning

OIL BURNING REFRIGERATORS—See Refrigerators, Oil Burning

OIL BURNING SPACE HEATERS—See Heaters, Circulating and Radiant, Fuel Oil Burning

OIL BURNING UNITS FOR ROOM HEATER, RANGE, STOVE, ETC.—See Units, Oil Burning, For Room Heater, Range, Stove, Etc.

OIL BURNING WATER HEATERS—See Heaters, Water, Fuel Oil Burning

OIL CANS—See Cans, Oil and Gasoline

OIL COLORS—See Colors, Oil

OIL CONTROL VALVES—See Valves, Oil Control

OIL COOK STOVE & RANGE BURNERS—See Units, Oil Burning, For Room Heater, Range, Stove, Etc.

OIL CRANKCASE DRAINERS—See Drainers, Crankcase, Oil

OIL CUP GLASSES—See Glasses, Oil Cup

OIL CUPS—See Cups, Grease and Oil

OIL DRUM GAGES—See Gages, Drum, Oil

OIL DRUM VENTS—See Vents, Drum & Burner, Oil

OIL AND DUST SEALS—See Seals, Oil and Dust

OIL ENGINES—See Engines, Oil; also Engines, Kerosene, Engines, Diesel

OIL FAUCETS—See Faucets, Oil

# OIL, Flatting

National Lead Co., 111 B'way, New York, N. Y. "Dutch Boy"  
 OIL HEATER WICKS—See Wicks, Oil Heater & Stove  
 OIL GATES—See Gates, Molasses, Oil and Varnish  
 OIL HEATERS—See Heaters, Room, Gasoline; Also Heaters, Room, Kerosene  
 OIL LAMP STOVES—See Stoves, Lamp, Oil



# ROGERS GLUE

## IS SOLD ONLY THRU HARDWARE TRADE\*

READY TO USE—NO MUSS: NO FUSS



ROGERS' HOLDS 3000 LBS.

PER SQUARE INCH BY ACTUAL TEST

\* No chain store, group buyer or mail order house can sell Rogers Famous Liquid Fish Glue—Our policy of selling exclusively thru the Hardware Jobber and Dealer protects your profits.

Rogers offers you price, quality, protection and national advertising . . . price cutting is unnecessary in selling Rogers and full profits are assured . . . advertising is creating consumer demand—Send your order today—the chart makes it easy for you—

SIZE	SUGGESTED RETAIL PRICE	PACKED NO. IN CASE	SHIPPING WEIGHT	LIST PRICE
Bottle	\$ .10	1 gross	30 lbs.	\$14.40
Tube	.10	1 gross	15 lbs.	14.40
Half Gills	.20	1/2 gross	18 lbs. doz.	2.40
Gills	.30	1/2 gross	30 lbs. doz.	3.60
Half Pints	.50	2 dozen	20 lbs. doz.	6.00
Pints	.85	1 dozen	18 lbs. doz.	10.20
Quarts	1.50	1 dozen	35 lbs. doz.	18.00
Gallons	4.50 ea.	1/2 dozen	65 lbs. doz.	54.00
5 gal. can	4.20 per gal.	1 only	60 lbs. gal.	4.20

ASK YOUR JOBBER FOR DISCOUNTS AND ABOUT FREE GOODS DEALS

**ROGERS ISINGLASS AND GLUE COMPANY**  
GLOUCESTER • Dept. G • MASSACHUSETTS



## FALL AND WINTER STANDARD ASSORTMENT WITH DISPLAY STAND NO. DF 40

### Standard Assortment No. DF40 CONSISTS OF

#### FOOTBALLS

3/12 dozen No. D1JR	Each,	\$0.50
3/12 dozen No. D200	Each,	.75
6/12 dozen No. D201	Each,	1.00
1/12 dozen No. D202	Each,	1.00
3/12 dozen No. D203	Each,	1.50
4/12 dozen No. D207	Each,	2.00
2/12 dozen No. D208	Each,	2.50
2/12 dozen No. D209	Each,	3.00
1/12 dozen No. D211	Each,	4.00

#### HELMETS

1/12 dozen No. DH27	Each,	\$1.25
1/12 dozen No. DH30	Each,	1.75

#### SHOULDER PADS

1/12 dozen No. DS5	Each,	\$1.25
1/12 dozen No. DS7	Each,	1.75

#### INFLATORS

2/12 dozen No. DOX	Each,	\$ .20
--------------------	-------	--------

#### BASKETBALLS

2/12 dozen No. D250	Each,	\$1.50
1/12 dozen No. D254	Each,	2.00
1/12 dozen No. D257	Each,	3.50

#### BOXING GLOVES

2/12 dozen No. D103	Each,	\$2.50
1/12 dozen No. D106	Each,	3.25



THIS D&M DISPLAY  
presents a complete line of selected  
Fall and Winter merchandise

The display stand is furnished without charge  
with each Standard D&M Assortment No. DF40

**\$38<sup>75</sup>**  
DEALER'S COST  
**\$61<sup>40</sup>**  
RETAIL VALUE

YOUR JOBBER CAN GIVE YOU COMPLETE INFORMATION.. IF YOU DO NOT KNOW THE NAME *Write US DIRECT!*  
**THE DRAPER-MAYNARD CO., DEPT. HA, CINCINNATI, OHIO U.S.A.**

Mention Hardware Age When Writing

**OIL, Linseed**

Ankeny Linseed Mfg. Co., Des Moines, Ia. "Anchor Brand"  
 Archer-Daniels-Midland Co., Minneapolis, Minn. "Polmerik" (Raw or Boiled)  
 De Mott & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
 Evans Linseed Oil Co., Indianapolis, Ind.  
 Kellogg (Spencer) & Sons, Inc., Buffalo, N. Y.  
 Kellogg & Miller, Inc., Amsterdam, N. Y.  
 Lewis (John T.) & Bros. Co., Phila., Pa.  
 Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Radiant"  
 Minnesota Linseed Oil Paint Co., 1101 S. 3rd, Minneapolis, Minn.  
 National Lead Co., 111 B'way, New York, N. Y. "Dutch Boy"  
 Pittsburgh Plate Glass Co., Red Wing Linseed Oil Div., Red Wing, Minn.  
 Read (Chas. L.) Co., 120 Greenwich, New York, N. Y.  
 Sherwin-Williams Co., Cleveland, O.

**OIL MEASURES—See Measures, Liquid, Copper**  
**OIL POWER STONES—See Stones, Oil, Power**  
**OIL PUMPS—See Pumps, Oil and Grease**  
**OIL RANGES, Wickless—See Stoves and Ranges, Oil, Wickless**  
**OIL RETAINERS—See Retainers, Oil**  
**OIL SEALS—See Seals, Oil and Grease**  
**OIL SILK BAGS—See Bags, Oil Silk**  
**OIL SILK BOTTLE, BOWL, JAR, PLATE COVER—See Covers, Bottle, Bowl, Jar, etc.**  
**OIL SILK ELECTRIC APPLIANCE COVERS—See Covers, Electric Appliance**  
**OIL STONES—See Stones, Oil and Water**  
**OIL STORAGE TANKS—See Tanks, Oil Storage**  
**OIL STOVE WICKS—See Wicks, Oil Heater & Stove**  
**OIL STOVES—See Stoves, Gasoline; also Stoves, Kerosene**  
**OIL TANK STANDS—See Stands, Tank, Oil**  
**OIL TANKS—See Tanks, Oil Storage**  
**OIL TORCHES—See Torches, Oil**  
**OIL WELL WRENCHES—See Wrenches, Oil Well**

**OILCLOTH, Floor**

Armstrong Cork Co., Lancaster, Pa.

**OILCLOTH, Table and Shelf**

Carb Mfg. Co., 308 Johnson, Bklyn., N. Y.  
 Chandler Oil Cloth Co., Taunton, Mass.  
 Standard Coated Products Corp., 40 Worth, New York, N. Y. "Meritas"  
 Taunton Oil Cloth Co., Taunton, Mass.  
 Wadsworth Woodman Co., Winthrop, Me.  
**OILCLOTH BINDING—See Binding, Linoleum and Oil Cloth**  
**OILCLOTH KNIVES—See Knives, Oil Cloth**  
**OILED PAPER—See Paper, Oiled**

**OILERS**

American Chain & Cable Co., Inc., York, Pa. "Accu-Morrow"  
 Atlas-Ansonia Co., New Haven, Conn. "Richard"  
 Bako Oil Mfg. Co., Clarkson, Neb. "Sure Shot"  
 Cannon Oil Co., Keithsburg, Ill.  
 Dill Mfg. Co., 684 E. 82d, Cleveland, O. "Pres-To"  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Eagle Mfg. Co., Wellsburg, W. Va. "Eagle"  
 Enterprise Mfg. Co., Dept. HA, Akron, O. "Marvel"  
 Gem Mfg. Co., Pittsburgh, Pa.  
 Handy Oil Co., Danville, Ind.  
 Ideal Can Co., Everett, Mass.  
 Jaden (F.) Mfg. Co., Hastings, Neb. "Golden Rod"  
 Kiddle (Walter) Sales Co., 60 West, Bloomfield, N. J. "Lube-King"  
 Lafayette Metal Spinning Co., Inc., 248 Lafayette, New York, N. Y.  
 Liddeen (Gustave), Inc., 830 S. Central Av., Chicago, Ill. "G. L.", "Liddeen"  
 Malleable Iron Fittings Co., Branford, Conn. "Hammer & Co."  
 Marvin (W. B.) Mfg. Co., Urbana, O.  
 New Delphos Mfg. Co., Delphos, O.  
 Noera Mfg. Co., Waterbury, Conn. "Flexical," "King"  
 Pless Oil Co., Minneapolis, Minn.  
 Wall (P.) Mfg. Supply Co., 3126-3166 Preble Av., Pittsburgh, Pa. "Superior"

**OILERS, Floor**

Garnet (Geo. H.), Allentown, Pa. "Universal"  
 Weber Oil Co., 177 E. 120th, New York, N. Y.

**OILERS, Hog**

Buby (C. W.) & Co., Washington, Ia.  
 Harcove Co., Des Moines, Ia.  
 Kuhlman (L. H.) Co., Council Bluffs, Ia.  
 Morton Products Co., Morton, Ill.

**OILERS, Plastic**

Eagle Mfg. Co., Wellsburg, W. Va. "Scan Can"  
 Noera Mfg. Co., Waterbury, Conn.

**OILERS, Pump or Pressure**

Cannon Oil Co., Keithsburg, Ill.  
 Cincinnati Ball Crank Co., Cincinnati, O. "Brookline"  
 Eagle Mfg. Co., Wellsburg, W. Va. "Eagle"  
 Jaden (F.) Mfg. Co., Hastings, Neb. "American," "Golden Rod"  
 Liddeen (Gustave), Inc., 830 S. Central Av., Chicago, Ill. "G. L.", "Liddeen"  
 Noera Mfg. Co., Waterbury, Conn. "Flexical," "King"  
 Pless Oil Co., Minneapolis, Minn.

**OILING CANS—See Oilers**

**OILS, Anthracene**

C-A-Wood Preserver Co., 6623 Delmar Blvd., St. Louis, Mo. "C-A," "Carbolineum America"

**OILS, Cutting**

Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
 Boyer Chemical Laboratory Co., 2706 S. Wabash Av., Chicago, Ill.  
 Columbia Oil Co., Inc., 3417 Papin, St. Louis, Mo.  
 Dearborn Chemical Co., 810 S. Michigan Av., Chicago, Ill.  
 Galena Oil Co., 405 Butler, Cincinnati, O.  
 Oster Mfg. Co., 2067 E. 61st Place, Cleveland, O. "Bestoil"  
 Ridge Tool Co., Elyria, O. "Ridgool"  
 Stuart (D. A.) & Co., 2735 S. Troy, Chicago, Ill. "Thred Kut"  
 Sunshine (John) Chemical Co., Inc., 604 W. Lake, Chicago, Ill. "Mites"

**OILS, Dry Fly for Fishing**

Enterprise Mfg. Co., Dept. HA, Akron, O.

**OILS, Fish Bait**

Day Bait Co., Port Huron, Mich. "Captain Shankland"

**OILS, Furniture—See Polishes, Automobile, Furniture, Etc.**

**OILS, Gun**

American Grease Stick Co., Muskegon, Mich. "Door-Ease"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Three-in-One"  
 Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.  
 Hoppe (Frank A.), Inc., 2314-H N. 8th, Phila., Pa. "Kant Rust Products Corp., Rahway, N. J."  
 McCambridge & McCambridge Co., 12 L. S.E., Washington, D. C. "Fiendoll"  
 Many Use Oil Corp., Athol, Mass.  
 Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marbles"  
 Nye (Wm. F.), Inc., New Bedford, Mass.  
 Oletime Woodsman's Line, Paxton, Mass.  
 Remington Arms Company, Inc., Bridgeport, Conn. "Rem Oil"  
 Savage Arms Corp., Utica, N. Y.  
 Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y.  
 Solvol Co., Culver, Ind.  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

**OILS, Lubricating**

American Grease Stick Co., Muskegon, Mich. "Door-Ease"  
 American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
 Apex Oil Products Co., 100 N. 17th Av., Minneapolis, Minn. "Film-X Motor Oil," "Protex Motor Oil"  
 Barnsdall Products Corp., Tulsa, Okla. "Be Square," "Monamotor"  
 Baum's Castorine Co., Rome, N. Y.  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Three-in-One"  
 Chicago Roller Skate Co., 4466 W. Lake, Chicago, Ill. "Chicago"  
 Cook's (Adam) Sons, Inc., Elizabeth Av., Linden, N. J.  
 Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Elektra"  
 De Laval Separator Co., 165 B'way, New York, N. Y. "De Laval" (Light High Speed)  
 De Mott & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
 Enterprise Mfg. Co., Dept. HA, Akron, O. (Fishing Reel)  
 Galena Oil Corp., 405 Butler, Cincinnati, O.  
 Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulf"  
 Hall-Thompson Co., Jewett City, Conn. "Wonder Worker"  
 Hollingshead (R. M.) Corp., Camden, N. J. "Whiz-Oil"  
 Hoppe (Frank A.), Inc., 2314-H N. 8th, Phila., Pa.  
 Indian Refining Co., Lawrenceville, Ill. "Havoline"  
 International Metal Polish Co., Indianapolis, Ind. "Blue Ribbon"  
 Kant Rust Products Corp., Rahway, N. J.  
 Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marbles"  
 Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "No. 857," "Radiant"

Monarch Products Co., Inc., Red Bank, N. J. "Monarch"

New York Lubricating Oil Co., 116 Broad, New York, N. Y. "Monogram"  
 Norwood Products Co., 75 E. Wacker Drive, Chicago, Ill. "Kano"  
 Nye (Wm. F.), Inc., New Bedford, Mass. "Nyoil"  
 Pennzoil Co., Oil City, Pa. "Pennzoil"  
 Refinoid Mfg. Corp., Kansas City, Mo. "Penetroil"  
 Rust Inhibiting Products, 5830 Stony Island Av., Chicago, Ill. "Rio"  
 Sargent Mfg. Co., 38 Elizabeth, Yonkers, N. Y.  
 Sinclair Refining Co., 10 W. 51st, New York, N. Y. "Opaline," "Sinco"  
 Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "Mobiloil"  
 Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y. "Amalie"  
 Sun Oil Co., 1608 Walnut, Phila., Pa. "Sunoco"  
 Sunshine (John) Chemical Co., 604 W. Lake, Chicago, Ill. "Mitee"  
 Texas Co., 135 E. 42d, New York, N. Y. "Texaco"  
 Tide Water Oil Co., 17 Battery Pl., New York, N. Y. "Power," "Veeco"  
 United States Refining Co., 1271 W. 11th, Cleveland, O.  
 Vacuum Oil Co., 61 B'way, New York, N. Y. "Gardovle Mobiloil"  
 Valvoline Oil Co., 405 Butler, Cincinnati, O.  
 Van Cleef Bros., Woodlawn Av. to 78th, Chicago, Ill. "Dutch Brand"  
 White & Bagley Co., Worcester, Mass. "Oilsum"  
 Wilbus & Williams Mfg. Co., 429 Park Sq. Bldg., Boston, Mass.  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"  
 Wolverine-Empire Refining Co., 51 Madison Av., New York, N. Y. "Empire," "Penn-Empire," "Wolf's Head"  
 Yale & Towne Mfg. Co., Stamford, Conn. "Yale"

**OILS, Motor, Electric**

American Grease Stick Co., Muskegon, Mich. "Door-Ease"  
 American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
 Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Three-in-One"  
 Galena Oil Corp., 405 Butler, Cincinnati, O.  
 Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulf"  
 Nye (Wm. F.), Inc., New Bedford, Mass.  
 Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "Tavern"  
 Valvoline Oil Co., 405 Butler, Cincinnati, O.  
 Yale & Towne Mfg. Co., Stamford, Conn. "Yale"

**OILS, Neatsfoot**

Boyer Chemical Laboratory Co., Chicago, Ill.  
 Brooks Oil Co., Cleveland, O.  
 Fiebing Chemical Co., Milwaukee, Wis.  
 Houghton (E. F.) & Co., Phila., Pa.  
 International Metal Polish Co., Indianapolis, Ind. "Blue Ribbon"  
 Lavo Co. of America, 300 N. 7th, Milwaukee, Wis. "Lavo"  
 Nye (Wm. F.), Inc., New Bedford, Mass.  
 Robinson (Wm. C.) & Son Co., Baltimore, Md.  
 Sargent Mfg. Co., 38 Elizabeth, Yonkers, N. Y.  
 Van Cleef Bros., Woodlawn Av. to 78th, Chicago, Ill. "Dutch Brand"

**OILS, Soldering**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 American Solder & Flux Co., 2152 E. Norris, Phila., Pa.  
 Planstiehl Chemical Co., Waukegan, Ill. "Speco"

**OILS, Sperm**

Miller (A. D.) Sons Co., Pittsburgh, Pa.  
 Nye (Wm. F.), Inc., New Bedford, Mass.  
 Robinson (Wm. C.) & Son Co., Baltimore, Md.

**OILS, Tung**

Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 O'Brien Varnish Co., 101 Johnson, South Bend, Ind. "Thermolyzed"

**OIL-WASTE PAILS—See Cans, Waste**

**OILY-WASTE CANS—See Cans, Waste**

**ointment—See Salves, Gail**

**ONE MAN CROSS CUT SAWS—See Saws, Cross Cut**

**ONION CHOPPERS—See Choppers, Onion**

**OPALEScent GLASS—See Glass, Cathedral and Opalescent**

**OPEN COUNTER CASE PRICE CARDS—See Cards, Price, Open Counter Case**

**OPEN COUNTER CASE PRICE CARD HOLDERS—See Holders, Price Card, Open Counter Case**

**OPEN END WRENCH SETS—See Sets, Wrench, Open End**

**OPEN END WRENCHES—See Wrenches, Engineers' and Machinists'**

# ...it's GRAND for BETTER BUILDERS HARDWARE

## DOOR CONTROLS



Standard on buildings all over the world, GRAND DOOR HOLDERS are necessary, easily sold, and profitable hardware. Every church, school, theatre, home, public building, store and office in your neighborhood is a prospect.

Right—No. X2M Micky Door Holder Display Card Shows 12 of the popular, inexpensive MICKY Door Holders. Quick, over-the-counter sellers, fast turnover, small inventory.



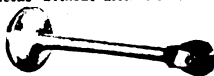
### GRAND DOOR HOLDER DISPLAYS

Above—No. 650 All-Metal GRAND Counter Display. Shows and actually demonstrates six of the most popular GRAND DOOR HOLDERS. A silent, counter-salesman that really sells.



### GRAND UNIVERSAL OVERHEAD DOOR HOLDER

New and improved Hinged Type Door Holder and Stop and Shock Absorber, for right or left hand entrance and exit doors. "Turn" handle may be set to function automatically in anticipation of a rush exit crowd, or in neutral position to act only as a door stop. Made for lifetime service with ball-bearing ends. May be installed in conjunction with overhead or Floor Type Door Checks without alterations.



### ROLLER TYPE BUMPER

By fastening to one door, the Roller Bumper permits two doors to be opened against each other without rubbing or scraping. Made of cast bronze with live rubber roller. Lengths 4" and 6", any finish.

### MONARCH BUMPER AND HOLDER STOP

Bumper of solid cast bronze with sturdy rubber stop. Holder and stop of cast bronze, easily disengaged with foot.



### DUAL DOOR STOP FOR WALL, FLOOR, OR DOOR

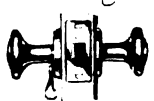
For exterior or interior doors. Bored thru center to allow concealed installation. Exclusive GRAND loose-proof cap is made of finest quality live rubber. Choice of 3 sizes, any finish.



## GRAND LOCK SETS



No. 640 Showing alignment pins on roses and patented GRAND Locking feature with emergency release.



No. 630 Locking feature inside, with plain rose outside. (For Porch, Basement, etc.)



Easy bore type installation—drill  $\frac{5}{8}$ " hole in face of door, and 1" hole thru door. For locking type drill  $\frac{5}{16}$ " additional hole only.



No. 860 Key in Knob Lock Set.



No. 604 Elongated Escutcheon Latch Set.

No. 644 Same as above with locking feature.

No. 605 Lever Handle Latch Set, choice of finishes.  
No. 645 Lever Handle Lock Set, choice of finishes.

No. 603 Glass Knob Latch Set.  
No. 643 Glass Knob Lock Set.

On 600 and 700 series, insert panel on knob face may be had in Standard U. S. Finishes, also Ivory, green, red or black, as a combination. These knobs may be had in any combination of finish, inserts, locks, latches, turn pieces, or without emergency release. All knobs, roses, latches, etc. are made of Zamak "5" Metal—an excellent corrosion resistant metal under the severest atmospheric conditions, with strength far beyond ordinary requirements (stronger than bronze). Made by the New Jersey Zinc Co.

No. 740 Solid Brass Knob Lock Set.  
Polished or Dull Chrome, Brass or Bronze.

No. 600 Zamak Knob Latch Set.

No. 700 Solid Brass Knob Latch Set.

No. 610 Closet Latch Set. Zamak knob and inside turn piece.

No. 710 Solid Brass Closet Latch Set, inside turn piece.

Left, No. 920 Entrance Lock and Handle Set. Choice of inside trim and finishes U. S. 3, 4, 9, 11, 16, 19, HPI, HPB.

Right, No. 930 Entrance Handle Set. Choice of inside trim and finishes U. S. 3, 4, 9, 10, 14, 15, 19, HPI, HPB.

Left, side view of complete entrance set assembly including three keys.

Right, No. 900 Entrance Lock and Handle Set with choice of inside trim and finish.

Right, No. 910 Entrance Lock and Handle Set. Choice of inside trim and finishes U. S. 3, 4, 9, 10, 14, 15.

No. 0140 6" Olive Knuckle Hinge

No. 0141 5" Olive Knuckle Hinge

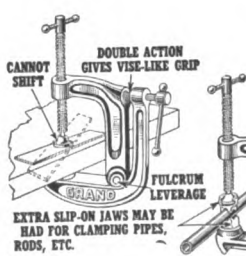
Made of Zamak Metal with Oil-lite bearings. Finished in prime coat, and dull or polished brass, bronze or chrome.

Right, Inside Trim—small grip and turn piece finished to match outside handle or to your choice.

Write today for the complete GRAND Catalog—it should be in your file of Better Builder's Hardware and Hardware Specialties.



For mechanics, homecraftsmen, carpenters, welders, schools, etc. This revolutionary new "C" Clamp introduces a new mechanical principle that absolutely prevents work from creeping or shifting. Double Action fulcrum insures vise-like grip regardless of the shape of the work. The fastest selling clamp on the market! FREE—with an order for 1 each 3, 4 and 6" GRAND Clamp we will send this all-metal counter display (shown right) that actually demonstrates the clamps.



**GRAND SPECIALTIES CO.** Manufacturers Since 1921 3101-27 W. Grand Ave. **CHICAGO, ILLINOIS**

Mention Hardware Age When Writing



### OPENERS, Bottle

Alto Mfg. Co., Chicago, Ill.  
American Lime Corp., 373 Washington, New York, N. Y. "Fresco"  
Anchor Cap & Closure Corp., 10 Queens, Long Island City, N. Y.  
Arcade Mfg. Co., Freeport, Ill.  
Atlas Mfg. Co., Eustis at Robbins, St. Paul, Minn. "Handy Dandy"  
Antonyre Co., Oakville, Conn.  
B-J Company, Detroit, Mich. "B-J"  
Bridell (Chas. D.), Inc., Crisfield, Md. "Bridell"  
Brown Mfg. Co., Newport News, Va.  
Chase Brass & Copper Co., Waterbury, Conn. "Suezit"  
Continental Mfg. Co., 702 6th Av., New York, N. Y.  
Corbin, P. & F., New Britain, Conn.  
Danbury-Knudsen, Inc., 30 Rockefeller Plaza, New York, N. Y.  
Edlund Co., Burlington, Vt. "Edlund"  
Ennis Mfg. Co., Reading, Pa.  
Ernst Co., Frederick, Md. "Cap-Master"  
Gem Stropper Co., Phila., Pa.  
Gordon Mfg. Co., 110 E. 23rd, New York, N. Y.  
"Pierce-Cap" (Mill)  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Hendrick (J. A.), Inc., 456 4th Av., New York, N. Y.  
"Twin Brand," "Welkut"  
Independent Lock Co., Fitchburg, Mass. "Ilco" (Combination)  
Meco, Inc., 2947 N. 30th, Milwaukee, Wis.  
Modern Metal Products Co., 581 Boylston, Boston, Mass. "Tite-Fit"  
P. M. C. Mfg. Corp., Phenicia, N. Y. "Happy Days"  
Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad Av., Newark, N. J. "Ajax"  
Stephens (Windsor) & Co., Waltham, Mass.  
Swing-A-Way Steel Products, Inc., 1439 Merchandise Mart, Chicago, Ill. "Swing-A-Way"  
U. S. Lock & Hdw. Co., Columbia, Pa.  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Unitool"  
Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Grip-All," "Hold-Tite," "Improved Perfection," "Nifty," "Opens-All," "Vaughan"  
Voss Co., Inc., New Haven, Conn.  
Washburn Company, Worcester, Mass. "Eclipse"  
**OPENERS, Box—See Openers, Crate**

### OPENERS, Can

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill. "Miracle"  
Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
Bore Needle Co., Chicago, Ill.  
Bunker-Clancy Mfg. Co., Kansas City, Mo. "B-C"  
Carpenter (E. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn.  
Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"  
Crescent Mfg. Co., Fremont, O.  
Dazey Churn & Mfg. Co., St. Louis, Mo. "Dazey Deluxe," "Dazey Heavy Duty," "Dazey Junior," "Dazey Red Tip," "Dazey Senior"  
Dorr Stamping & Mfg. Co., Cambridge, Mass. "Never Slip Monarch"  
Edlund Co., Burlington, Vt. "Edlund," "Junior"  
Ella Mfg. Co., Milldale, Conn. "Dandy," "Ever Ready," "Excelsior," "Hercules," "Little Giant"  
Ennis Mfg. Co., Reading, Pa.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Foley"  
Guard-McIntosh Mfg. Co., Washingtonville, O. "Opn-Ezy"  
Goodell Co., Antrim, N. H. "Acme," "Anderson"  
Grey Iron Casting Co., Mt. Joy, Pa.  
Hamblin & Russell Mfg. Co., Worcester, Mass. "Ideal"  
Handy-Mandy Products Co., Johnstown, Pa. (Combination Opener & Holder)  
Johnson (William), Inc., 88 Brenner, Newark, N. J.  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
Mackie Lovejoy Mfg. Co., 1701 W. 13th, Chicago, Ill. "Easy Grip"  
Milwaukee Stamping Co., Milwaukee, Wis. "Duncan"  
North & Judd Mfg. Co., New Britain, Conn. "Dixy," "Nifty," "Yankee"  
Osborne (C. S.) & Co., Harrison, N. J.  
P. M. C. Mfg. Corp., Phenicia, N. Y. "Mogul"  
Rezina Corp., Rahway, N. J. "Smoothcut"  
Rusible Mfg. Co., Chicago, Ill. "Gun"  
Rusible Novelty Corp., 475 W. Princess, York, Pa. "Master"  
Rockford Metal Spec. Co., Rockford, Ill. "Vantage"  
Roto Shear Co., 6092 Newburg Av., Chicago, Ill. "Roto Shear"  
Sargent & Co., New Haven, Conn.  
Stakespear Products Co., Kalamazoo, Mich. "Nutform"  
Swing-A-Way Steel Products, Inc., 1439 Merchandise Mart, Chicago, Ill. "Swing-A-Way"  
Tuplin Mfg. Co., New Britain, Conn.  
Turner & Seymour Mfg. Co., Torrington, Conn. "Blue Streak," "King," "Neverslip," "Star"  
United Royalties Corp., 1133 B'way, New York, N. Y. "Saturn"  
Vestrian Novelty Mfg. Co., Inc., 8211 Carroll Av., Chicago, Ill. "All in One," "Easy Cutter," "Opens-All," "Safety Roll De Luxe," "Safety Roll"  
Voss Co., Inc., New Haven, Conn. "Delmonico," "Home," "Gem," "Peerless," "White Beauty"  
Wince Bros., Wallingford, Conn.

Washburn Company, Worcester, Mass.  
Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.  
**OPENERS, CAN, MACHINES—See Machines, Can Opening**

### OPENERS, Carton, Safety

Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Karton Kutter," "Matchless"  
Field Mfg. Co., 303 Fifth Av., New York, N. Y. "Safetyway"  
Flash Box Opener Co., Inc., 354-4th Av., New York, N. Y. "Flash"  
Landers, Frary & Clark, New Britain, Conn. "Universal"

### OPENERS, Crate

(See also Pullers, Nail)  
Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
Belden Machine Co., New Haven, Conn.  
Bonney Forge & Tool Wks., Allentown, Pa.  
Bridgeport Hdw. Mfg. Corp., 200 Seaside Park, Bridgeport, Conn. "Baby Terrier," "Box Terrier," "Hooker," "Karton Kutter," "Nox-Tox"  
Carver Tool Wks., Spring Valley, N. Y.  
Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
Drew (C.) & Co., Kingston, Mass.  
Duffy (J. F.) Co., Chicago, Ill.  
Duffy Mfg. Co., Chicago, Ill.  
Eating Mfg. Co., Rockford, Ill. "Unbreakable," "Unit-Ax"  
Fairmount Tool & Forging Co., Cleveland, O.  
Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"  
Harrold (H. J.) Tool Co., Columbiana, O.  
Ideal Stencil Machine Co., Belleville, Ill.  
Kelly Axe & Tool Wks., of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "True Temper"  
Marion Tool Corp., Marion, Ind.  
Osborne (C. S.) & Co., Harrison, N. J.  
Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
Village Blacksmith Folks, Watertown, Wis.

### OPENERS, Door, Electric

Auth Elec. Specialty Co., 422 E. 53d, New York, N. Y.  
Corbin, P. & F., New Britain, Conn.  
Edwards & Co., Inc., Norwalk, Conn. "Commercial," "Economy"  
Keil (Francis) & Sons, Inc., 401 E. 163rd, New York, N. Y. "Reliance"  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Schneider, Frank F., Ridgefield, Conn.  
**OPENERS, DOOR, GARAGE—See Openers, Garage Door**

### OPENERS, Fire House Door

Clay, John H., Phila., Pa.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Wagner Mfg. Co., Cedar Falls, Ia.

### OPENERS, Garage Door

Electric Door Corp., Ithaca, N. Y.  
Michigan Metal Products Co., Battle Creek, Mich. "Air-Door"  
Overhead Door Corp., Hartford City, Ind.  
Progressive Machinery Co., Minneapolis, Minn.  
Richards-Wilcox Mfg. Co., Aurora, Ill. "Aut-O-Door," "Over-Way," "R-W" (Electric)  
Ritchie & Sons, Battle Creek, Mich. "Eledorol"  
Schoelkopf Mfg. Co., Madison, Wis. "Air-Lec"  
Stanley Wks., New Britain, Conn. "Mighty Midget" (Electric)  
Topping Mfg. Co., Ashland, O. "Openeasy"  
Wagner Mfg. Co., Cedar Falls, Ia. (Electric)  
Yoder-Morris Co., 5500 Walworth, Cleveland, O. "Y-M"

### OPENERS, Jar, Rubber

(See also Wrenches, Fruit Jar)  
Auburn Rubber Corp., Auburn, Ind. "Ezy Opener"  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa. "Shur-Grip"  
Lee Tire & Rubber Co., Conshohocken, Pa.  
Rainbow Rubber Co., Butler, Pa. "Rainbow"  
Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
Seiberling Latex Products Co., Akron, O.  
Tyler Rubber Co., Railroad, Andover, Mass.  
United States Rubber Co., 1230 6th Av., New York, N. Y. "U. S. Royal Pe-Ko-Edge"

**ORANGE KNIVES—See Knives, Fruit; also Knives, Grape Fruit**

**ORANGE PEELERS—See Peelers, Orange and Grape Fruit**

**ORANGE PICKING BASKETS—See Baskets, Orange Picking**

**ORCHARD HEATERS—See Heaters, Orchard**

**ORNAMENTAL CAPS FOR BOLTS, NUTS and Screws—See Caps, Bolt, Nut and Screw**

**ORNAMENTAL FENCE and GATES—See Fence and Gates, Lawn**

**ORNAMENTAL GLASS—See Glass, Ornamental**

**ORNAMENTAL GRILLES—See Grilles, Ornamental**

**ORNAMENTAL HINGES—See Hinges, Ornamental**

**ORNAMENTAL IRON WORK—See Iron Work, Ornamental**

**ORNAMENTAL and PLAIN RIDGING—See Rolls, Ridge**

### ORNAMENTS, Christmas Tree

Corning Glass Works, Corning, N. J.  
Frankie (George) Sons Co., Baltimore, Md.  
Heinrich & Winterling Corp., 49 W. 23rd, New York, N. Y.  
Hy-Sil Mfg. Co., Revere, Mass.  
Kirchof Patent Co., 64 Union, Newark, N. J.  
Montgomery Co., Windsor Locks, Conn.  
National Tinsel Mfg. Co., Manitowoc, Wis. (Tinsel)  
Novelty Mfg. Co., 505 Carroll, B'klyn, N. Y.  
Ohio Art Co., Bryan, O. "Mickey Mouse"

### ORNAMENTS, Copper and Zinc

Milcor Steel Co., Milwaukee, Wis.

### ORNAMENTS, Garden

Artcrete Products Co., Upper Darby, Pa. "Artcrete"  
Cheney (S.) & Son, Manlius, N. Y. "Orneco"  
Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.

**OUTBOARD BOAT ENGINES—See Motors, Boat, Outboard**

**OUTBOARD MOTORS—See Motors, Boat, Outboard**

### OUTFITS, Camping

(See also article desired)

Adkins, Young & Allen Co., Chicago, Ill. "Tourkit"  
Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro," "Viko"  
Berg (F. O.) Co., Spokane, Wash.  
Estwing Mfg. Co., Rockford, Ill. "Unbreakable," "Utilax"  
Gold Metal Folding Furniture Co., Racine, Wis.  
Grimes, Bradley E., West Collingswood, N. Y.  
Kewaskum Aluminum Co., Kewaskum, Wis. "Kickapoo"  
McGrew Machine Co., Lincoln, Neb. "Lincoln"  
Pueblo Tent & Awning Co., Inc., Pueblo, Colo. "American"  
Red-E Co., Columbus, O.  
Schilling (L. F.) Co., Salem, O.  
U. S. Stamping Co., Moundsville, W. Va.  
Upton Mach. Co., St. Joseph, Mich. "Kamp-Kook Kit"

### OUTFITS, Chemical Toy

Gilbert (A. C.) Co., New Haven, Conn.  
Porter Chemical Co., Hagerstown, Md. "Chemcraft"

### OUTFITS, Christmas Tree, Electric

Gem Electric Mfg. Co., Inc., 453 Broome, New York, N. Y. "Gem"  
Giolite Corp., 800 S. Market, Waukegan, Ill. "Giolite"  
Noma Electric Corp., 55 W. 13th, New York, N. Y. "Noma"  
Pollock (Leo) Corp., 644 B'way, New York, N. Y. "Polly"  
Raylite Trading Co., Inc., 826 B'way, New York, N. Y. "Paramount Klightons"  
Royal Electric Co., Inc., 91 Grand Av., Pawtucket, R. I. "Royal"

### OUTFITS, Cobblers'

(See also Lasts and Stands, Cobblers')

Badger Malleable & Mfg. Co., South Milwaukee, Wis. "Champion"  
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.  
Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Av., Newark, N. J. "Combination Cobbler," "Economical," "Empire," "Family," "Leader"  
Wrightsville Hdw. Co., Wrightsville, Pa.

### OUTFITS, Doll

American Toy Wks., 200 Fifth Av., New York, N. Y.  
Kahn, M. L., 43 E. 19th, New York, N. Y.  
Standard Toykraft Products, Inc., 319 McKibbin, Bklyn., N. Y.  
Vogue Doll Shoppe, West Somerville, Mass.

### OUTFITS, Fingerprint, Toy

New York Toy & Game Mfg. Co., 239 4th Av., New York, N. Y.  
Ranger Co., 627 E. First Av., Roselle, N. J.  
Transogram Co., 200 Fifth Av., New York, N. Y.

### OUTFITS, Metalcraft

Carron Mfg. Co., 415 S. Aberdeen, Chicago, Ill.  
Home Fdry. Mfg. Co., 3122 Fifth Av., Chicago, Ill.  
Rapaport Bros., 2126 W. 21st Pl., Chicago, Ill. "Rap-A-Tap"

### OUTFITS, Mold, Toy

Gilbert (A. C.) Co., New Haven, Conn.  
Home Foundry Mfg. Co., Inc., 3122 Fifth Av., Chicago, Ill.  
Make-A-Toy Co., 1696 Boston Rd., New York, N. Y.  
Rapaport Bros., 2126 W. 21st Pl., Chicago, Ill.  
Schiercke, Henry C., Ghent, N. Y.  
Wright (J. L.), Inc., 1443 Merchandise Mart, Chicago, Ill. "Lincoln"

# This Tag says "IT'S CYCLONE"

*—and it helps build sales!*



WHEN a customer sees a product with a brand name he doesn't know, he hesitates. Sometimes he doesn't buy. So it pays to give quick, sure proof that you handle well-known trade-marked goods. When you sell lawn fence and gates, burner baskets, hardware cloth and screen cloth—point to the U-S-S Cyclone "Red Tag." Long-continued advertising has made the Cyclone name a sign of quality. It tells your customers that they'll get their money's worth—helps them make up their minds to buy. Order Cyclone "Red Tag" Products from your jobber. And ask him for attractive Cyclone display material to help you sell. It's free.

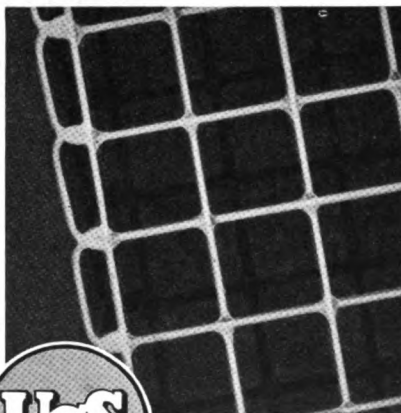
## LAWN FENCE AND GATES

—You can satisfy almost any customer with Cyclone Lawn Fence. For it comes in welded and woven styles, in two designs of fabric, with gates to match. There's a wide variety of heights and weights, too. Every foot of it is carefully made, sturdily constructed—and the heavy galvanizing resists rust.



## HARDWARE CLOTH

—In a glance, your customers can see the trimness of Cyclone's new Welded Selvage—uniformity of the mesh—the straightness of the wires—the brightness of the galvanizing. They can see that this new hardware cloth will make better-looking screens, guards, poultry floors—help them make a neater, stronger job for whatever purpose they are buying it.



## SCREEN CLOTH

—Carpenters and other people who use a lot of screen cloth can tell you that the even mesh of Cyclone Screen Cloth is plenty important. For this carefully woven cloth cuts square—stretches tight and straight. Cyclone Screen Cloth comes in a strong fabric carton that exactly fits the roll and protects it from damage. Each roll bears an inventory card that simplifies inventory taking.



## BURNER BASKETS

—These tough, rugged baskets are sure-fire sellers. They're made with strong wire, welded at intersection sections. Available in 1¼, 2 and 2½ bushel capacities. The 2½ bushel size is available in the new Flex-Top style. For especially rough service, Cyclone Catch-All Basket is recommended—with extra-heavy wires, reinforced with pressed steel rims top and bottom.



**UNITED  
STATES  
STEEL**

**U·S·S CYCLONE  
"Red Tag" HARDWARE PRODUCTS**

CYCLONE FENCE COMPANY, Waukegan, Ill.

Branches in Principal Cities

Standard Fence Company, Oakland, California, Pacific Coast Division

United States Steel Export Company, New York

**OUTFITS, Painting, Children's**

American Crayon Co., Sandusky, O.  
 American Toy Wks., 200 Fifth Av., New York, N. Y.  
 Binney & Smith Co., 41 E. 42nd, New York, N. Y.  
 Bradley (Milton) Co., Springfield, Mass.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J. "Cotocolor"  
 Porter Chemical Co., Hagerstown, Md. "Mastercraft"

**OUTFITS, Santa Claus**

Beistle Co., Shippensburg, Pa. (Paper, Life Size)  
 Desart Bros., Inc., 503 Metropolitan Av., Bklyn., N. Y.  
 Waas & Son Co., 123 S. 11th, Phila., Pa.

**OUTFITS, Show Card—See Stencils and Stencil Outfits**

**OUTFITS, Stencil—See Stencils and Stencil Outfits**

**OUTFITS, Telegraph, Toy**

Connecticut Telephone & Electric Corp., Meriden, Conn. "Duplex"  
 Gilbert (A. C.) Co., New Haven, Conn.  
 Parker Bros., Salem, Mass.  
 Signal Electric Mfg. Co., Menominee, Mich.

**OUTING CAPS—See Hats, Outing**

**OUTING CUSHIONS—See Cushions, Outing**

**OUTING HATS—See Hats, Outing**

**OUTLET BOX HANGERS—See Hangers, Outlet Box**

**OUTLET BOXES—See Boxes, Electric Service, Cut Out, Junction, Fuse, Outlet, Switch, etc.**

**OUTLETS, Electric Clock Hanger**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn.

**OUTLETS, Electric, Portable**

Allied Electric Products, Inc., 78 Coit, Irvington, N. J. "Tapmaster"  
 Austin (M. B.) Co., Chicago, Ill. "Austin"

**OUTLETS, Fixture**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Benjamin Electric Mfg. Co., Des Plaines, Ill.  
 Bryant Electric Co., Bridgeport, Conn.  
 Eagle Electric Mfg. Co., 59 Hall, B'klyn., N. Y.  
 Economy Fuse & Mfg. Co., Chicago, Ill.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Hubbell (Harvey), Inc., Bridgeport, Conn.  
 Pass & Seymour, Syracuse, N. Y.  
 Weber Electric Co., Schenectady, N. Y.

**OUTLETS, Flush**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Bryant Electric Co., Bridgeport, Conn.  
 Eagle Electric Mfg. Co., 59 Hall, B'klyn., N. Y.  
 Hubbell (Harvey), Inc., Bridgeport, Conn.  
 Pass & Seymour, Syracuse, N. Y.  
 Steel City Electric Co., Pittsburgh, Pa. "Service X-It"

**OUTLETS, Radio**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Fleron (M. M.) & Son, Inc., Trenton, N. J.  
 Hubbell, Harvey, Inc., Bridgeport, Conn.  
 Swan-Haverstick, Inc., Trenton, N. J.

**OVEN HEAT CONTROLS—See Regulators, Gas**

**OVEN SERVERS—See Servers, Oven**

**OVEN THERMOMETERS—See Thermometers, Oven**

**OVEN WARE—See Ware, Oven**

**OVENS, Baking, Portable**

Ade-O-Matic Co., 400 N. Michigan Av., Chicago, Ill.  
 Ade-O-Matic  
 Alcazar Range & Heater Co., Milwaukee, Wis.  
 Alcazar  
 American Gas Machine Co., Inc., Albert Lea, Minn.  
 "Kitchenkook"  
 American Electrical Heater Co., Detroit, Mich.  
 "American Beauty"  
 Connolly Stamping Co., 123 Liberty, New York, N. Y.  
 Flign Stove & Oven Co., Elgin, Ill. "Lady Elgin"  
 Florence Stove Co., Gardner, Mass. "Florence"  
 "Reliance"  
 Gray & Dudley Co., Nashville, Tenn. "Washington"  
 "Kitchenette" (Electric)  
 Grindold Mfg. Co., Erie, Pa. "Bolo," "Kwik-Bake" (Electric)  
 Hump & Co., Macomb, Ill. "Ideal"  
 Howe (S. M.) Co., Boston, Mass. "Dandy," "Daylight"  
 Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Bom"  
 Jacken-Evans Mfg. Co., St. Louis, Mo. "Aunt Sarah's"  
 Landers, Frary & Clark, New Britain, Conn. "Universal" (Electric)  
 Landman (A. J.) & Hoverson Co., Milwaukee, Wis. "Kerogen"  
 Lodge Mfg. Co., South Pittsburgh, Tenn.  
 Master Bake Pot Co., Bloomfield, N. J.  
 Milcor Steel Co., S. 41st Av. & Burnham, Milwaukee, Wis. "Milcor"  
 "See, Wis. "Milcor"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Ivanhoe," "Perfection," "Live-Heat"  
 Rutenber Electric Co., Marion, Ind.  
 St. Charles Mfg. Co., St. Charles, Ill.  
 Sheet Metal Specialty Co., Pittsburgh, Pa. "Fol-lanabee"  
 Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, O.  
 Stanley Savage Mfg. Co., Chicago, Ill. "Ovenette," "Perfect Gum Kooker"  
 Superior Electric Products Corp., Cape Girardeau, Mo. "Superlectric"  
 Washburn Company, Worcester, Mass. "Androck"

**OVENS, Camp, Collapsible**

Red-E Co., Columbus, O.

**OVENS, Drum, Stove Pipe**

Excelsior Stove & Mfg. Co., Quincy, Ill.  
 Jacken-Evans Mfg. Co., St. Louis, Mo.  
 Louisville Tin & Stove Co., Louisville, Ky.  
 Milcor Steel Co., Milwaukee, Wis. "Milcor"  
 Reeves Steel & Mfg. Co., Dover, O. "Reeves Ideal"

**OVENS, Dutch**

Aluminum Products Co., La Grange, Ill. "Lifetime," "Thermaware"  
 Birmingham Stove & Range Co., Birmingham, Ala.  
 Bremer Aluminum Corp., New Washington, O. "Dr. Koch"  
 Carrollton Metal Products Co., Carrollton, O. "Carl-ton" (Stainless Steel)  
 Chicago Hdw. Fdry. Co., N. Chicago, Ill. "Favorite," "Sani Ware"  
 Eaton Mfg. Co., 755 E. 140th, Cleveland, O. "Master-Bilt"  
 Everedy Co., Frederick, Md. "Speedy-Clean"  
 Glascock Stove & Mfg. Co., Greensboro, N. C.  
 Griswold Mfg. Co., Erie, Pa. "Chrome," "Du-Chro," "Shiny Black," "Silver Like"  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O. "Hamlin" (Chromium Finish)  
 King Stove & Range Co., Sheffield, Ala.  
 Marshall Mfg. Co., 5716 Euclid Av., Cleveland, O.  
 Moore Enameling & Mfg. Co., West Lafayette, O. "Enamliart," "Marbliart," "Memco Decorated," "Memco Standard," "Moore"  
 National Pressure Cooker Co., Eau Claire, Wis.  
 Steel Materials Corp., 17260 Gable Av., Detroit, Mich. "Stemco"  
 Toledo Stamping & Mfg. Co., Toledo, O.  
 Wagner Mfg. Co., Sidney, O.  
**OVENS, Roasting—See Ovens, Baking, Portable**  
**OVENS, Roasting—See Ovens, Baking, Portable**

**OVERALLS**

Headlight Overall Mfg. Co., 301 Plum, Cincinnati, O.  
 Protexall Co., Abingdon, Ill.  
 Sweet-Orr & Co., Inc., 15 Union Sq., New York, N. Y.

**OVERHEAD ACTING GARAGE DOOR HARDWARE—See Hardware, Garage Door, Overhead Acting**

**OVERHEAD CARRYING TRACK HOOKS—See Hooks, Track, Overhead Carrying**

**OVERHEAD TROLLEY TRACKS—See Trolleys and Trolley Tracks, Overhead**

**OVERHEAD TROLLEYS—See Trolleys and Trolley Tracks, Overhead**

**OX MUZZLES—See Muzzles, Horse and Ox**

**OX SHOE NAILS—See Nails, Horse Shoe**

**OX SHOES—See Shoes, Ox**

**OXIDES, Lead**

Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn., N. Y.  
 Eagle-Picher Lead Co., Cincinnati, O.  
 Lewis (John T.) & Bros. Co., Phila., Pa.  
 National Lead Co., 111 B'way, New York, N. Y. "Carter," "Dutch Boy"

**OXY-ACETYLENE TORCHES—See Torches, Bra-sing, Etc.**

**OYSTER GRABS—See Grabs, Oysters**

**OYSTER KNIVES—See Knives, Oyster and Clam**

**OYSTER AND CLAM TONGS—See Tongs, Oyster and Clam**

**OZONATORS—See Air Conditioners**

**PACK BASKETS—See Baskets, Pack**

**PACKAGE BASKETS—See Baskets, Package**

**PACKAGE CARRIERS—See Carriers, Package, Rubber**

**PACKAGE LIFTERS—See Reachers or Longarms**

**PACKAGE RECEIVERS—See Receivers, Milk and Package**

**PACKAGE RECEIVING DOORS—See Doors, Milk and Package Receiving**

**PACKING, Asbestos**

Acme Mfg. & Gasket Co., 3431 Market, Philadelphia, Pa.  
 Advance Packing & Supply Co., 618 Adam, Chicago, Ill.  
 Anchor Packing Co., 958 Terminal Commerce Bldg., Philadelphia, Pa. "Ankorite," "Hydroil," "Tauril"  
 Asbestos Textile Co., Inc., 228 N. La Salle, Chicago, Ill. "Aztec"  
 Carey (Philip) Co. (Lockland), Cincinnati, O.  
 Chesterton (A. W.) Co., 64 India, Boston, Mass.

Clinton Mfg. Co., 83 Grand Av., Brooklyn, N. Y. "Climanco"

Consolidated Packing & Supply Co., 19 Barclay, New York, N. Y. "Alabestos," "Consolco," "Wis-old"

Crane Packing Co., 1809 Cuyler Av., Chicago, Ill.  
 Garlock Packing Co., Palmyra, N. Y.  
 General Asbestos & Rubber Div. of Raybestos-Manhattan, Inc., North Charleston, S. C. "Calibestos"

Goodall Rubber Co., 7 S. 36th, Philadelphia, Pa.  
 Goodsell Packing Co., 1802 Belle Plaine Av., Chicago, Ill.  
 Johns-Manville Corp., 22 E. 40th, New York, N. Y.  
 Keasbey & Mattison Co., Ambler, Pa. "Ambler Autobestos"

Koehler Rubber Co., 3865 Carnegie Av., Cleveland, O.

Lavelle Rubber Co., 424 N. Wood, Chicago, Ill. "Lucky Strike"

Quaker Rubber Corp., 4915 Comly, Philadelphia, Pa.  
 Sall Mountain Co., 176 W. Adams, Chicago, Ill. "Sai-Mo"

Thermoid Rubber Div. Thermoid Co., Trenton, N. J.  
 Union Rubber & Asbestos Co., Trenton, N. J. "Shur Joint," "Urac"

United States Asbestos Div. Raybestos-Manhattan, Inc., Manheim, Pa.  
 Victor Mfg. & Gasket Co., 5750 Roosevelt Rd., Chicago, Ill.

**PACKING, Jute**

American Mfg. Co., Noble & West, Bklyn., N. Y. "Eagle"

Braiding & Packing Works of America, Inc., 248 46th, Bklyn., N. Y. "Brapaco"

Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.

Davey Oakum Co., 1 Newark Av., Jersey City, N. J.  
 Hooven & Allison Co., Xenia, O.  
 Rugg (E. T.) Co., Newark, O.  
 Stratford (Geo.) Oakum Co., 120 Montgomery, Jersey City, N. J.

Wall Rope Works, Inc., 48 South, New York, N. Y. "Coolie"

**PACKING, Leather**

Auburn Mfg. Co., Middletown, Conn.  
 Chicago Belting Co., 125 N. Green, Chicago, Ill. "Flextan," "Reliance"

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.

Excelsior Leather Washer Mfg. Co., Rockford, Ill. "X.L."

Goetze Gasket & Packing Co., New Brunswick, N. J.

Graton & Knight Co., Worcester, Mass.  
 Mabbs Hydraulic Packing Co., Manhattan Eldg., Chicago, Ill.

Marsh (Chas. W.) Co., Muskegon, Mich.  
 Mechanical Leathers, Inc., 2202 E. Butler, Phila., Pa.

Nott (W. S.) Co., 201 N. 3rd, Minneapolis, Minn.  
 Page Belting Co., Concord, N. H.  
 Schieren (Chas. A.) Co., 30 Ferry, New York, N. Y. "Casco"

Simplex Mfg. Co., Auburn, N. Y. "Simplex"

Watson-Stillman Co., Roselle, N. J.

**PACKING NEEDLES—See Needles, Packing and Bagging**

**PACKING, Rawhide**

Advance Packing & Supply Co., 618 W. Adam, Chicago, Ill.

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.

Mabbs Hydraulic Packing Co., 431 S. Dearborn, Chicago, Ill.

Mechanical Leathers, Inc., 2202 E. Butler, Phila., Pa.

Schieren (Chas. A.) Co., 30 Ferry, New York, N. Y. "Casco"

Western Rawhide & Belting Co., 131 E. Washington, Milwaukee, Wis.

**PADDING, Table, Asbestos—See Mats, Table, Asbestos**

**PADDLES, Canoe**

Anchor Sawmills Co., Kenner, La.  
 Bredenberg Bros., Inc., Champlain, N. Y. "Broad-mount"

Clark Folding Boat Co., 459 Clementina, San Francisco, Cal.

Kennebec Boat & Canoe Co., Waterville, Me.  
 Lease, Wm. G., Jeffersonville, Vt.

Montague Oar & Paddle Corp., Foxboro, Mass.  
 New York Boat Oar Co., Inc., 40 Rector, New York, N. Y.

Old Town Canoe Co., Old Town, Me.  
 Shaw & Tenney, Orono, Me.  
 Strand (Martin A.) Ski Co., New Richmond, Wis.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.

**PADLOCK EYES—See Eyes, Padlock**

**PADDLES, Plasterers'**

Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
 Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"

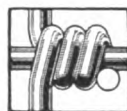
Masons' Tool Mfg. Co., Rochester, N. Y.  
 Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
 Sand's Level & Tool Co., 8629 Gratiot Av., Detroit, Mich. "Sand's"



# Keystone



STIFF STAY



HINGE JOINT

## CLOTHES LINES

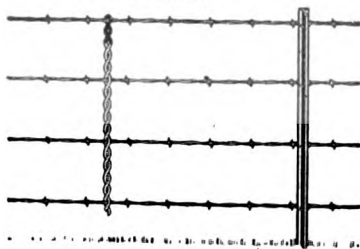


## BALE TIES



## RED BRAND Spiral Stays

Keep barbed wire fences trim and serviceable. 9½ gauge, copper-bearing, "Galvannealed" wire. A permanent improvement — installed easily.

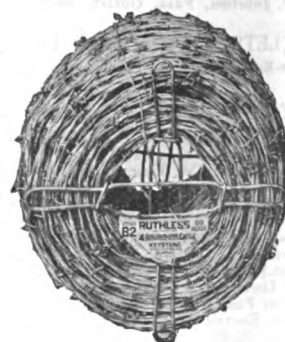


## "Galvannealed" Copper-Bearing

... Two features which combine to keep your fence customers satisfied. Because of this **DOUBLE** protection against time and weather, **RED BRAND** fence has built up an unequalled reputation for quality and long life. It's **THE ONLY FENCE** with the top wire painted red ... backed by yearly intensive, nationwide advertising ... easily identified in your store. Every Keystone dealer receives valuable sales helps, too.

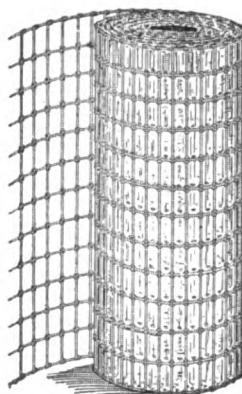
## RED BRAND Barbed Wire

The same "Galvannealed" copper-bearing steel wire on strong non-breakable wire reels. Tough 2 or 4 point barbs — round, flat and half-round. In four distinct styles ... Defender, Arrow, Hawthorne, and Kickapoo. Uniform high quality throughout.

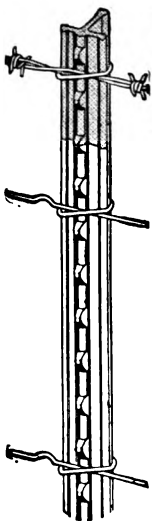


## KEYSTONE NON-CLIMBABLE FABRIC ... CORN CRIBS

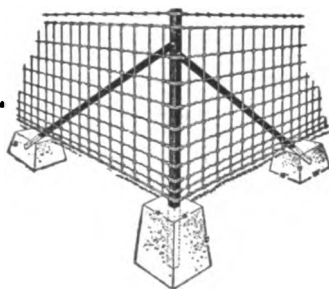
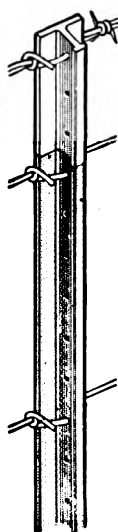
Square or triangle mesh fabric—"Galvannealed" copper-bearing wire. Light and heavy specifications. Crib 48" high, 2" x 4" spacing—easily erected and taken down, strong, ornamental, inexpensive; used extensively for yards, orchards, gardens, cemeteries, crib lining, etc.



## KEYSTONE STEEL POSTS



**LEFT**—RED TOP studded "T" post, famous everywhere for long service. Reinforced 4 ways ... finished in durable metallic aluminum. **RIGHT**—Aluminum Top non-studded rail-shaped post ... in lustrous red enamel, baked on. Both made of rail steel for maximum strength and resistance to strain. Lengths, 5 to 8 ft. **BELOW**—Steel end and corner posts with braces.

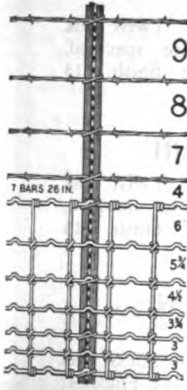


## KEYSTONE NAILS

Copper-bearing steel, tough and well-pointed. True-centered heads. In all sizes and types. Send for Keystone nail catalog describing the complete line.

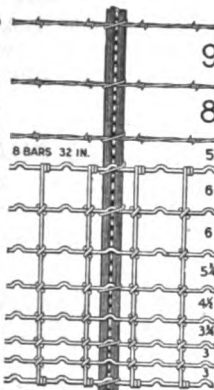
Keystone supplies every item for fencing. Order a complete stock in *one* carload shipment and save *money*. Keystone backs every product unconditionally. Send for the complete Keystone catalog and dealer prices.

# Red Brand Time Tested FENCE



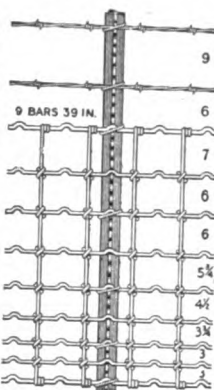
26" HOG FENCE

Made with 7 line wires, 6" and 12" between stays, height 26". In 14½ to 9 gauge wire... excellent for temporary fencing.



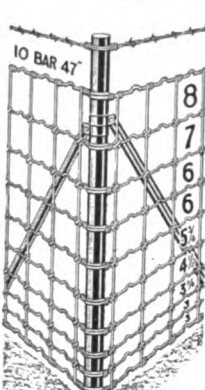
32" HOG & FIELD

Made with 8 line wires, 32" high, 6" and 12" between stays. May be had in gauges from 14½ to 9. Used extensively for both fields and livestock.



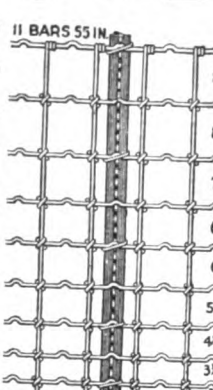
39" STOCK & FIELD

Made with 9 line wires, 39" high, with 6" or 12" between stays. In 12½ to 9 gauge fillers. Requires fewer barbs than 26" and 32" fences.



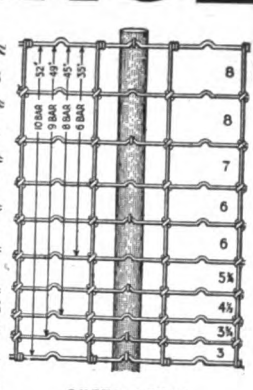
47" STOCK & FIELD

Has 10 line wires, 47" high with 12" and 6" between stays. 12½ to 9 gauge fillers. Best for pastures, roadways or fields.



55" STOCK & FIELD

Made with 11 line wires in 55" heights. Has 6" and 12" between stays with 12½ to 9 gauge filler. This height practically eliminates barb wire dangers.

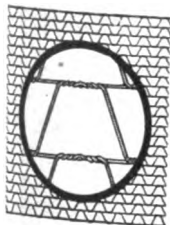


SHEEP FENCE

Comes with 6, 8 or 9 line wires in heights from 35" to 49". Has 12 inches between stays, and fillers are from 12½ to 9 gauge. Excellent for turning sheep... no barb wire necessary and fabric may be raised several inches from ground.

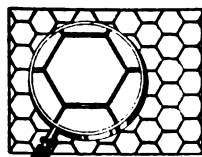
## "Look for the Top Wire Painted Red" KEYSTONE Poultry Fence and Netting

Customers like the same time-tested quality in poultry fence that they know so well in RED BRAND field fence. Keystone Poultry fence is made of "Galvannealed" copper-bearing steel wire. Easily handled, easily erected, gives extra long service.



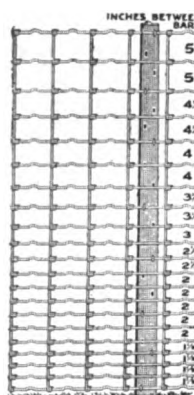
STRAIGHT LINE

Heights: 12, 18, 24, 30, 36, 42, 48, 60 and 72 inches. 1" mesh... 19 and 20 gauge. Galvanized either before or after weaving.



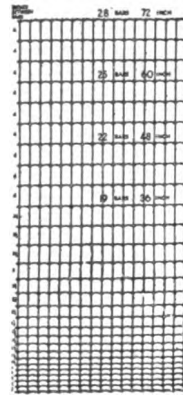
HEXAGON NETTING

Made in 1" or 2" mesh. Galvanized before or after weaving. Heights: 12, 18, 24, 30, 36, 42, 48, 60 and 72 inches. Has many uses. Stretches easily... stays tight and trim.



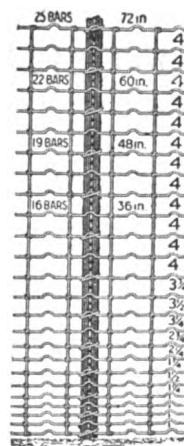
MONARCH

In heights from 35" to 58" with 16 to 21 line wires. Has 14½ gauge filler with 11 gauge top and bottom wires. 6" between stays. This fence has the perfect hinge-joint type knot.



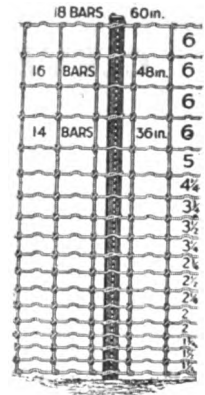
CHIC-MESH

Meets every requirement for poultry netting, yet costs less. In height from 24" to 72" with 1" bottom spacing, and either 2" or 3" between stays. Line and stay wires... 18 gauge. Available in stiff-stay style only.



CLOSE SPACE

Made in heights from 36 to 72 inches... with 17 to 26 line wires. Gauges range from 15½ to 12½ with 6" between stays. This fence turns the smallest chick... requires no top or bottom boards.



OPEN SPACE

Heights from 36" to 60" with 13 to 18 line wires. Made with 14½ and 12½ gauge fillers with 6 inches between stays. Used extensively for gardens, orchards and yards. Most desirable where permanent fence is wanted.

# KEYSTONE STEEL & WIRE CO.

PEORIA Dept. P ILLINOIS



# CLEVELAND

## Quality Chain

### PROTECT YOUR PROFITS . . .

with the dependable CLEVELAND CHAIN line.

Backed by the famous "DR" — David Round guarantee of quality, CLEVELAND CHAIN is the greatest value in chain merchandise that money will buy. Offer your customers CLEVELAND CHAIN — their positive satisfaction with a purchase of it will mean repeat orders—protected profits for you!



### PROOF COIL & BBB CHAIN

Electric welded in 15 sizes 3/16 to 3/8 inch. Heavier sizes fire welded. Natural finish. For greater strength and safety, Empire or Sterling Dredge Chain is recommended.

### LIBERTY MACHINE CHAIN

Twist or Straight Link. Twist link supplied unless otherwise specified. Electric welded. Bright finish. 13 sizes, No. 5 to 7/0.

### LIBERTY COIL CHAIN

Twist or Straight Link. Twist link supplied unless otherwise specified. Electric welded. Bright finish. 13 sizes, No. 6 to 7/0.

### BUCKEYE OR BROWN PATTERN CHAIN

The most popular type weldless steel wire chain. Made in 18 sizes. Finishes: Bright, Electro Galvanized, Hot Galvanized or any plate.

### LOCKWEAVE PATTERN

A very flexible weldless wire chain which lies flat. Bright Galvanized or any other standard finish. Packed 100 ft. lengths in bulk or on reels. Also 250 ft. cartons.

### SASH CHAIN

Steel or Bronze. All popular sizes and finishes. Packed in handy bags or boxes complete with fittings.

## CLEVELAND CHAIN MERCHANDISERS—Help Make Profits

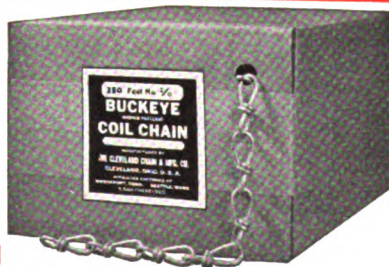


### DOG CHAINS

De Luxe Assortment, 1 dozen Nickel Plated Chains with Plastic Handles in color. Packed in handy carton complete with 3-color metal display hanger.

### 250 Ft. Cartons BUCKEYE COIL CHAIN

Neat, sturdy carton is handy for stocking chain or for use as a dispenser. Chain is simply pulled out and cut to any desired length. Finishes: Bright, Electro-Galvanized, Hot Galvanized or any plate.



### LOG CHAINS and UTILITY CHAINS

For general use about the farm, towing, tying or dragging. Fitted with grab hook, slip hook and swivel. Six sizes and 10, 12, 14, 16, 18 and 20 ft. lengths. Supplied in self-color, blacked, brass plated or cadmium plated finish.

### REEL SALESMAN

This smart, compact merchandiser of CLEVELAND Chain displays an interesting assortment that suggests chain needs to every customer. It occupies only a small floor space but moves chain stock faster than ever before. Holds four full reels of chain or equivalent in one-half or one-third reels. Order from your jobber.



# The Cleveland Chain & Mfg. Co.

PLANTS ALSO AT:  
BRIDGEPORT, CONN.

Cleveland, O.

SEATTLE, WASH.  
SO. SAN FRANCISCO, CAL.

Mention Hardware Age When Writing

Digitized by Google



## PADLOCKS

Ames Sword Co., Chicopee, Mass.  
Bemis & Call Co., Springfield, Mass. "Sesames" (Keyless)  
Best Universal Lock Co., 730 E. Washington, Indianapolis, Ind.  
Bohannon (Wilson) Co., Marion, O. "Well Bilt"  
Chicago Lock Co., 2024 Racine Av., Chicago, Ill. "Ace"  
Climax (J. H. W.) Co., 87 Clay, Newark, N. J. "J. H. W."  
Corbin Cabinet Lock Co., New Britain, Conn.  
Dudley Lock Corp., 325 N. Wells, Chicago, Ill. (Keyless)  
Eagle Lock Co., Terryville, Conn.  
Edwards (O. M.) Co., Syracuse, N. Y.  
Four-Way Lock Co., 4619 Ravenswood Av., Chicago, Ill. "4-Way"  
Fram (E. T.) Lock Co., Lancaster, Pa.  
General Lock Corp., Lancaster, Pa.  
Hurd Lock Co., Almont, Mich.  
Independent Lock Co., Fitchburg, Mass. "Black Knight," "Challenger," "Ilco," "Tembo"  
Juniel Lock Co., 23 Warren, New York, N. Y.  
Junkunc Bros., Chicago, Ill. "American," "Ball Lock"  
Keil (Francis) & Son, 401 E. 163rd, New York, N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Master Lock Co., 926 W. Juneau Av., Milwaukee, Wis. "Ace," "Bicycle Lock," "Brass Tiger," "Brownie," "Champ," "Gem," "Greyhound," "Jewel," "Jungle King," "Junior," "Little Giant," "Secret Service," "Special," "Standard," "Strong Boy"  
Miller (J. Walter) Co., Lancaster, Pa.  
Miller (J. B.) Keyless Lock Co., Kent, O. "Red Dot" (Keyless)  
Reese Padlock Co., Lancaster, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Sargent & Greenleaf, Inc., Rochester, N. Y.  
Sezal Lock & Hdw. Co., Inc., 395 B'way, New York, N. Y.  
Slaymaker Lock Co., Lancaster, Pa.  
Sterling Lock Co., Minneapolis, Minn.  
Taylor Mfg. Co., 3200 N. Mascher, Phila., Pa. "Silver King," "Taylor"  
United States Lock & Hdw. Co., Columbia, Pa.  
Waterbury Lock & Specialty Co., Milford, Conn. "Walsco"  
Wise Lock Co., 2730 Grand Av., S.E., Cleveland, O. "Wise-Lock"  
Yale & Towne Mfg. Co., Stamford, Conn. "Yale," "Yale Junior"

PADLOCKS, Dog Collar—See Locks, Dog Collar

## PADS, Furniture

Baker-Lockwood Mfg. Co., Inc., Kansas City, Mo.  
Canvas Specialty Co., Inc., 90 Grand, New York, N. Y. "Iron Horse"  
Daniels (C. R.), Inc., 101 Crosby, New York, N. Y.  
Fulton Bag & Cotton Mills, Inc., Atlanta, Ga. "Fulco"  
Hettick Mfg. Co., 1401 Summit, Toledo, O.  
Hettick (W. E.) & Son, Inc., 1301 Prouty Av., Toledo, O. "Het-Son"  
Keen Mfg. Corp., 23309 Arsenal Av., Flat Rock, Mich.  
New Haven Quilt & Pad Co., 80 Franklin, New Haven, Conn. "Dreadnaught"  
New York Drop Cloth Mfg. Co., Inc., Borden Av. & 21st, Long Island City, N. Y.  
Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind.  
Stitt (H. L.) Co., 825 Penn Av., Wilkinsburg, Pa.  
Tucker Duck & Rubber Co., Fort Smith, Ark. "Protec-To," "Tuck-Se-Do"  
Werner Canvas Products Co., 607 Bergen, B'klyn, N. Y.

## PADS, Gun Recoil

Braver Bros., Inc., St. Louis, Mo.  
Chamberlain Target & Trap Wks., of Remington Arms Co., Bridgeport, Conn.  
Collis (H. J.) Mfg. Co., Taunton, Mass.  
Cushion Pad Corp., Sioux Falls, S. D. "Hawkins"  
Jostam Mfg. Co., Peotone, Ill.  
Morgan Adjustable Recoil Pad Co., 253 Custer Av., Youngstown, O.  
Redhead Brand Co., Chicago, Ill.  
Rome Sporting Goods Mfg. Co., Rome, N. Y.  
Seamless Rubber Co., New Haven, Conn. "Noehor"  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

## PADS, Hand, Leather

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
Excelsior Leather Washer Mfg. Co., Rockford, Ill. "XL"

## PADS, Heating, Electric

Berrett Mfg. Co., Fostoria, O.  
Betty Ross Electric Products Corp., Johnson City, N. Y.  
Boylan Mfg. Co., 113 W. 17th, Kansas City, Mo. "Aristocrat," "Supreme," "Sur-Hot"  
Casco Products Corp., 1833 Railroad Av., Bridgeport, Conn. "Casco," "Perfection"

Chicago Flexible Shaft Co., Chicago, Ill. "Sun beam"  
Dominion Electrical Mfg. Co., Mansfield, O. "Domino," "Electrahot"  
Eagle Electric Mfg. Co., 59 Hall, Brooklyn, N. Y.  
Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
General Electric Co., 1285 Boston Ave., Bridgeport, Conn. "Hotpoint"  
Gilbert (A. C.) Co., New Haven, Conn.  
Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "KM," "Kwikway"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H Electrics"  
Manning, Bowman & Co., Meriden, Conn.  
Metal Wares Corp., Two Rivers, Wis. "Empire"  
National Stamping & Electric Wks., Chicago, Ill. "White Cross"  
Ohio Textile Specialty Co., 3444 W. 54th, Cleveland, O.  
Samson-United Corp., Rochester, N. Y.  
Seamless Rubber Co., New Haven, Conn. "Electro Sheet"  
Son-Chief Electric, Inc., Winsted, Conn.  
Sun-Ray Mfg. Co., Oshkosh, Wis.  
Utility Electric Co., St. Louis, Mo.  
Waage Mfg. Co., 3982 W. Barry Av., Chicago, Ill. "Triple Heat"  
Westinghouse Electric & Mfg. Co., Mansfield, O. "Adjust-O-Matic," "De Luxe," "2 for 1 Set"  
Wright Products Mfg. Corp., 2101 Kennedy, N. E. Minneapolis, Minn. "Rite-Hete"

## PADS, Horse Collar

American Pad & Textile Co., Greenfield, O. "Ta Pat-Co"  
Barnett Mfg. Co., 315 Poplar, Macon, Ga.  
Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
Boyt Harness Co., Des Moines, Ia.  
Burlington Mills, Inc., Burlington, Wis. "Ventilex"  
Burton-Dixie Corp., 2024 So. Racine Av., Chicago, Ill. "Burdix," "Fluf-Lastic"  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Dexter Curtis Co., Madison, Wis.  
Estes (J. H.) Mfg. Co., Union City, Ga.  
Friend (Chas.) & Son, Inc., 343 Jackson, St. Paul, Minn.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Harpham Bros. Co., Lincoln, Neb.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Harrer, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Hess & Hopkins Leather Co., Rockford, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
McConnell (S. R. & I. C.) Co., Burlington, Ia.  
Merchants Supply Co., Ft. Wayne, Ind.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Olmsted Co., 235 W. Water, Syracuse, N. Y.  
Padgitt Bros. Co., Dallas, Tex. "Broncho"  
Perforated Pad Co., Woonsocket, R. I.  
Regnier (T. J.), Inc., Springfield, Mass.  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Schott (J. B.) Mfg. Co., Quincy, Ill. "Noxall"  
Shelbyville Harness Co., Shelbyville, Tenn.  
Smith Worthington Saddlery Co., Hartford, Conn.  
Standard Products Mfg. Co., Milwaukee, Wis.  
Strecker Bros. Co., Marietta, O.  
Van Nostrand Saddlery Co., Muscatine, Ia. "Vanco"  
Van Voorhies-Phinney Co., Sacramento, Cal.  
Walsh Harness Co., Milwaukee, Wis.  
Weider (John A.) & Son, Inc., Rochester, N. Y.  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

## PADS, Horse Shoe, Leather

Berman Cut Sole Co., 35 Lincoln, Boston, Mass. "Twin Oak"  
Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
Wildor & Company, 1038 N. Crosby, Chicago, Ill. "Acorn"

## PADS, Horse Shoe, Rubber

Dryden Rubber Co., 1014 S. Kildare, Chicago, Ill.  
Essex Rubber Co., Trenton, N. J. "Trent"  
Firestone Tire & Rubber Co., Akron, O. "Belmont," "Eagle," "Jewel," "Lily," "Russell," "Wind-sor," "Winter"  
Fruin Drop Forge Co., 345 W. Root, Chicago, Ill.  
Phoenix Manufacturing Company, Joliet, Ill. "Phoenix"

PADS, Ironing Board—See Covers and Pads, Ironing Board

## PADS, Kneeling, Rubber

Auburn Rubber Corp., Auburn, Ind. "Auburn"  
Judson Rubber Wks., Inc., 4107 W. Kinzie, Chicago, Ill.  
Lee Tire & Rubber Co., Conshohocken, Pa.  
Oak Hill Rubber Co., Oak Hill, Ohio  
Rubatex Products, Inc., 420 Lexington Av., New York, N. Y.  
Sun Rubber Co., Barberton, Ohio  
Tillinghaast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
Wooster Rubber Co., Wooster, O. "Rubbermaid"

## PADS, Riding Saddle

Allen (Bona), Inc., Buford, Ga.  
American Pad & Textile Co., Greenfield, O. "Apache," "Felt-Less," "Our Winner," "Ta-Pat-Co"  
Hoyt Harness Co., Des Moines, Ia.  
Burlington Mills, Inc., Burlington, Wis.  
Burton-Dixie Corp., 2024 So. Racine Av., Chicago, Ill. "Burdix"  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Friend (Chas.) & Son, Inc., 343 Jackson, St. Paul, Minn.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Harbison & Gathright, Inc., Louisville, Ky.  
Harrer, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Merchants Supply Co., Ft. Wayne, Ind.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Padgitt Bros. Co., Dallas, Tex. "Broncho"  
Perforated Pad Co., Woonsocket, R. I.  
Regnier (T. J.), Inc., Springfield, Mass.  
Schoellkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Shipley (Chas. F.) Saddlery & Merc. Co., Kansas City, Mo.  
Smith Worthington Saddlery Co., Hartford, Conn.  
Van Nostrand Saddlery Co., Muscatine, Ia. "Vanco"  
Van Voorhies-Phinney Co., Sacramento, Cal.  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.

## PADS, Scouring, Steel Wool

American Steel Wool Mfg. Co., Inc., 42-24 Orchard, Long Island City, N. Y. "Bak-Bone," "Handi-Rolls"  
Brillo Mfg. Co., 205 Water, Bklyn, N. Y.  
Brown, John Clark, 525 Lexington Av., New York, N. Y. "Tick-Tock," "Wizard"  
Eagle Steel Wool Co., 6201 W. 65th, Chicago, Ill.  
International Steel Wool Corp., Springfield, O. "Elephant," "Rid"  
Williams Co., London, O. "Sun Ray," "Jex"

## PADS, Shoulder, Football

Anderson Rubber Co., Akron, O. "Anderson's"  
Draper-Maynard Co., Cincinnati, O.  
Goldsmith (P.) Sons, Inc., Cincinnati, O.  
Rawlings Mfg. Co., St. Louis, Mo.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Wilson Sporting Goods Co., 2037 N. Campbell, Chicago, Ill.

## PADS, Strap, Skate

Goldman, Harry, 230 W. 58th, New York, N. Y. "Skate E-Z"  
Judson Rubber Works, 4107 W. Kinzie, Chicago, Ill. "Skee-Zee"

PADS, Sweat—See Pads, Horse Collar

PADS, Table, Ventilated—See Mats, Table, Ventilated

PAIL CLASPS—See Clasps, Pail

## PAILS, Aluminum

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
American Aluminum Mfg. Co., Lemont, Ill. "American Maid"  
Buckeye Aluminum Co., Wooster, O. "Buckeye"  
Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Reed Mfg. Co., Newark, N. Y.  
Swartsbaugh Mfg. Co., Toledo, O.

PAILS, Cedar—See Pails and Buckets, Wooden

## PAILS, Cement

Atlantic Stamping Co., Rochester, N. Y.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Cincinnati Galvanizing Co., Cincinnati, O. "Contractor"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Reeves Steel & Mfg. Co., Dover, O.

## PAILS, Dairy

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirror," "Viko"  
Atlantic Stamping Co., Rochester, N. Y.  
Behrens (H.) Mfg. Co., Winoona, Minn.  
Dover Stamping & Mfg. Co., Cambridge 39, Mass.  
General Metalware Co., Minneapolis, Minn. "Martinware"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Lawrence-Bostwick Mfg. Co., Ltd., Phelps, N. Y.  
Lisk Mfg. Co., Canandaigua, N. Y.  
Menasha Woodware Co., Menasha, Wis.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Northwest Metal Products, Inc., Seattle, Wash. "Chief," "Norwesco"

**PAILS, Dairy (Continued)**

Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
 Reed Mfg. Co., Newark, N. Y.  
 Richardson (M. A.), Inc., 2934 W. Lake, Chicago, Ill.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
 Sheet Metal Specialty Co., Pittsburgh, Pa. "Fol-lansbee Forge"  
 Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"  
 United States Stamping Co., Moundsville, W. Va.  
 Vollrath Co., Sheboygan, Wis.

**PAILS, Dinner, Etc.**

Allred Mfg. Co., Inc., Indianapolis, Ind.  
 Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear Ever"  
 Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 American Aluminum Mfg. Co., Lemont, Ill. "American Maid"  
 Atlantic Stamping Co., Rochester, N. Y.  
 Behrens (H.) Mfg. Co., Winona, Minn.  
 Buckeye Aluminum Co., Wooster, O. "Buckeye"  
 Dover Stamping & Mfg. Co., Cambridge 89, Mass.  
 Gender, Paeschke & Frey Co., Milwaukee, Wis.  
 Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
 Louisville Tin & Stove Co., Louisville, Ky.  
 Martin Hardware Co., Pittsburgh, Pa.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Aurora," "Nesco"  
 Phillips & Buttorff Co., Nashville, Tenn.  
 Richardson (M. A.), Inc., 2934 W. Lake, Chicago, Ill. "Aurora"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
 Tunnessen Mfg. Co., Hazleton, Pa.  
 U. S. Stamping Co., Moundsville, W. Va.

**PAILS, Fibre**

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. "Almoware" (Indurated Fibre)  
 Continental Diamond Fibre Co., East Newark, Del.

**PAILS, Fire**

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. "Almoware" (Indurated Fibre)  
 Atlantic Stamping Co., Rochester, N. Y.  
 Cincinnati Galvanizing Co., Cincinnati, O.  
 Diener (Geo. W.) Mfg. Co., Chicago, Ill. "Wagoner"  
 Gender, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Marietta Hollow Ware & Enameling Co., Marietta, Pa.  
 National Enameling & Stamping Co., 270 N. 12th, Wis. "Nesco"  
 Northwest Metal Products, Inc., Seattle, Wash. "Norwesco"  
 Reeves Steel & Mfg. Co., Dover, O.  
 Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"

**PAILS, Galvanized**

Atlantic Stamping Co., Rochester, N. Y.  
 Behrens (H.) Mfg. Co., Winona, Minn.  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Cincinnati Galvanizing Co., Cincinnati, O.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Franklin Can Co., Inc., Franklinville, N. Y.  
 General Metalware Co., Minneapolis, Minn. "Mar-tinware"  
 Gender, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Hill (Jas.) Mfg. Co., Providence, R. I.  
 Huffman Mfg. Co., Dayton, O.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Lisk Mfg. Co., Canandaigua, N. Y.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Reed Mfg. Co., Newark, N. Y.  
 Reeves Steel & Mfg. Co., Dover, O.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
 Sexton Can Co., Everett, Mass.  
 Steel Basket Co., Cedar Rapids, Ia.  
 Wall (P.) Mfg. Supply Co., Pittsburgh, Pa.  
 Witt Cornice Co., 2114 Winchell Av., Cincinnati, O. "Brighton," "Modern Home," "Wico," "Witt"

**PAILS, Garbage**

Atlantic Stamping Co., Rochester, N. Y.  
 Cincinnati Galvanizing Co., Cincinnati, O. "Bilt-more," "Clifton," "King," "Ohio," "Peerless," "Safe-T" (Pedal)  
 Columbian Enameling & Stamping Co., Terre Haute, Ind.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Federal Enameling & Stamping Co., McKees Rocks, Pa. "Old Holland"  
 Gender, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Ideal Can Co., Everett, Mass.  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Kitchen Katch-All Corp., Greenwich, O. "Kitchen Hold-All," "Kitchen Katch-All"  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco Kitchen Kop"  
 Lisk Mfg. Co., Canandaigua, N. Y.  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Sanette" (Step-On)

National Enameling & Stamping Co., 270 N. 12th, Wis. "Nesco"  
 Northwest Metal Products, Inc., Seattle, Wash. "Chief," "Norwesco"  
 Owens-Illinois Can Co., Ohio Bldg., Toledo, O.  
 Pittsburgh Tinware Mfg. Co., Pittsburgh, Pa.  
 Reeves Steel & Mfg. Co., Dover, O.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Sanitary Receiver Co., Inc., Dunkirk, N. Y. "San-can"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
 Sexton Can Co., Everett, Mass.  
 Stay-On Mfg. Co., Dover, O.  
 Stover Mfg. & Engine Co., Freeport, Ill. (Under-ground)  
 U. S. Stamping Co., Moundsville, W. Va.  
 Vollrath Co., Sheboygan, Wis.  
 Wheeling Corrugating Co., Wheeling, W. Va.  
 Witt Cornice Co., 2114 Winchell Av., Cincinnati, O. "Brighton," "Modern Home," "Wico," "Witt"

**PAILS, Ice Cube, Serving**

American Thermos Bottle Co., Norwich, Conn. "Thermos"  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Metal Industries, Inc., 908 Senate Av., Indianapolis, Ind. (Insulated)  
 Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
 United States Stamping Co., Moundsville, W. Va. "Serv-ice"  
 West Bend Aluminum Co., West Bend, Wis.  
 Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

**PAILS, Iron—See Pails, Galvanized****PAILS, Kitchen—See Pails, Garbage****PAILS, Milk**

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mir-ro," "Viko"  
 Bellaire Enamel Co., Bellaire, O. "Beco"  
 Cherry-Burrell Corp., Chicago, Ill.  
 Creamery Package Mfg. Co., Chicago, Ill.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Gender, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
 Lalance & Grosjean Corp., Woodhaven, L. I., N. Y.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Menasha Woodware Co., Menasha, Wis.  
 National Enameling & Stamping Co., 270 N. 12th, Wis. "Nesco"  
 Owens-Illinois Can Co., Toledo, O.  
 Richmond Cedar Wks., Richmond, Va. "Anchor"  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 U. S. Stamping Co., Moundsville, W. Va.

**PAILS, Milk, Strainer, Etc.**

Atlantic Stamping Co., Rochester, N. Y.  
 Behrens (H.) Mfg. Co., Winona, Minn.  
 Gender, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
 Lalance & Grosjean Corp., Woodhaven, L. I., N. Y.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Lisk Mfg. Co., Canandaigua, N. Y.  
 National Enameling & Stamping Co., 270 N. 12th, Wis. "Nesco"  
 Richardson (M. A.), Inc., 2934 W. Lake, Chicago, Ill.  
 Rochester Can Co., Rochester, N. Y.  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"

**PAILS, Minnow**

Air-Fed Mfg. & Stamping Co., Inc., Quincy, Ill.  
 Allred Mfg. Co., Inc., Indianapolis, Ind.  
 Mills (Wm.) & Sons, 21 Park Pl., New York, N. Y.  
 Mit-Skel Stamping Mfg. Co., Quincy, Ill. "Better Made," "Ex-Cello," "Kingfish," "Nu-Airflo," "Worthmore"  
 Penn Metal Ware Co., Wilkes-Barre, Pa. "Old Pal"  
 Rochester Can Co., Rochester, N. Y.  
 Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City," "Jones," "Jones Aquarium"

**PAILS, Monel Metal**

Whitehead Metal Products Co., Inc., 303 W. 10th, New York, N. Y.

**PAILS, Mop-Wringer**

Boller (Peter) Mach. Works, 124 N. Arberdeen, Chicago, Ill.  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Eagle Woodware Mfg. Co., Hamilton, O.  
 Ely (Theo. J.) Mfg. Co., Girard, Pa.  
 Erie City Mfg. Co., Erie, Pa.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Schlueter Mfg. Co., 4616 N. B'way, St. Louis, Mo. "DeLuxe"  
 Wheeling Corrugating Co., Wheeling, W. Va.  
 White Mop Wringer Co., Fultonville, N. Y.

**PAILS, Oily-Waste—See Cans, Waste****PAILS, Paper**

Aull Bros. Co., Dayton, O.  
 PAILS, Sand, Children's—See Sand Toys

**PAILS, Sap**

Gender, Paeschke & Frey Co., Milwaukee, Wis.  
 Grimm (G. H.) Co., Rutland, Vt.  
 Reeves Steel & Mfg. Co., Dover, O.  
 Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
 PAILS, Strainer—See Pails, Milk, Strainer  
 PAILS, Toy—See Sand Toys  
 PAILS, Waste—See Cans, Waste

**PAILS and BUCKETS, Wooden**

Beaver Mills, Keene, N. H.  
 Eagle Woodware Mfg. Co., E. Dayton, Hamilton, O.  
 Frye (E. B.) & Son, Wilton, N. H.  
 Keene Woodware Co., Keene, N. H.  
 Lane, Chester L., East Swansy, N. H.  
 Menasha Woodware Co., Menasha, Wis.  
 Murdock (E.) & Co., Winchendon, Mass.  
 Pierpont Mfg. Co., Savannah, Ga.  
 Richmond Cedar Wks., Richmond, Va. "Anchor"  
 St. Louis Cooperage Co., St. Louis, Mo. "J. I. C."  
 Union Cooperage Co., St. Louis, Mo. "U. C."

**PAINT BOOKS—See Books, Children's****PAINT BRUSH CLEANERS—See Cleaners, Paint****PAINT BRUSH HOLDERS—See Holders, Brush****PAINT BRUSHES—See Brushes, Paint****PAINT CLEANERS—See Cleaners, Paint and Var-nish****PAINT CONDITIONERS—See Machines, Paint****PAINT MIXING MACHINES—See Machines, Paint****PAINT ODOR ELIMINATORS—See Eliminators, Paint Odor****PAINT OIL—See Oil, Linseed****PAINT OIL STORAGE SYSTEMS—See Storage Systems, Oil****PAINT REJUVENATING MACHINES—See Machines, Paint Rejuvenating****PAINT REMOVERS—See Removers, Paint and Varnish****PAINT SCRAPERS—See Scrapers, Paint****PAINT SETS—See Outfits, Painting, Children's****PAINT SPRAYERS—See Sprayers, Paint****PAINT STRAINERS—See Strainers, Paint****PAINT STRIPER—See Strippers, Paint****PAINTER and DUSTER, Screen**

Carlson (A. B.) & Co., 722 Garfield Av., Anna, Ill. "Jiffy"  
 Erickson (C. E.) Co., Inc., Des Moines, Ia. "Lif-ting"  
 Patent Novelty Co., Fulton, Ill. "Fulton"  
 Thomas Products Co., 15473 Indiana Av., Dear-b, Mich. "Standby"

**PAINTERS' DROP CLOTHS—See Cloths—Drop Painters'****PAINTERS' SCRAPER SETS—See Sets, Scrapers, Painters'****PAINTS**

Acme White Lead & Color Wks., Detroit, Mich.  
 Adams & Elting Co., Chicago, Ill. "Ad-el-lis"  
 "Double Lustre," "National," "Naples View Finish"  
 Advance Paint Co., Indianapolis, Ind.  
 Alabastine Co., 835 Chicago Drive, S. W., Grap Rapids, Mich.  
 Allentown Paint Mfg. Co., Allentown, Pa.  
 Allison-Lucas Paint Co., Chicago, Ill.  
 American Marine Paint Co., San Francisco, Cal.  
 Angelo-American Varnish Co., 55 Johnson, Newark, N. J.  
 Arco Co., Cleveland, O.  
 Arlington Paint & Varnish Co., Wooster, O.  
 Armstrong Paint & Varnish Wks., 1818 S. Kilbourn Av., Chicago, Ill. "Armello," "Armorte," "Al-mor-Seal," "Boss Painter," "Evry-Use," "El-bottin," "Pawnee," "Tom Thumb"  
 Arnesto Paint Co., Inc., 548 W. 46th, New York, N. Y. "Holland"  
 Arto Mfg. Co., Roberts Av. & Stokley, Phila, Pa. "Art-Glo"  
 Atlantic Paint Mfg. Co., 100 Boylston, Boston, Mass. "Armarez," "Aunalith"  
 Atlantic Paint & Varnish Wks., Wilmington, N. C. "Mura-Like," "Tenacity"  
 Baer Bros., 438 W. 37th, New York, N. Y. "Bruin"  
 Baker Paint & Varnish Co., 218 Suydam Av., Jersey City, N. J. "Luxafat," "Stalson," "Sunnyside," "Superior"  
 Baltimore Copper Paint Co., Baltimore, Md.  
 Baltimore Paint & Color Works, Baltimore, Md.  
 Blats Co., Louisville, Ky.  
 Blue Ribbon Paint Co., Wheeling, W. Va.  
 Boatwright Paint & Varnish Works, Atlanta, Ga.  
 Boston Varnish Co., Boston, Mass. "Kyanise"  
 Bownes (Frank) Co., Chelsea, Mass. "Craftmaster," "Modene"  
 Bradford (Jas.) Co., Wilmington, Del.  
 Bradley & Vrooman Co., 2629 S. Dearborn, Chicago, Ill.  
 Breinig Bros., 3rd & Grand, Hoboken, N. J. "Wall sheen"  
 Brightman Bros., New Bedford, Mass.  
 Buckeye Paint & Varnish Co., Toledo, O.  
 Burdall (A.) Co., Indianapolis, Ind.  
 Burgess-Fobes Co., Portland, Me.

# Salute the world's worst soldier...



## ...he's bringing in Bissell sales to YOU!

**PAPER HAT AND ALL**, this soldier's going to make about twenty million ladies jump to attention!

At least they will if they run true to form. Because he's the main character in one of Bissell's famous ads, and these ads are read by five times as many women as the average ads... in magazines that go to twenty million homes the country over!

These advertisements with their hard-hammering, hard-selling messages on Bissell Carpet Sweepers are important reasons why women come to your store and ask you for Bissells! And make no mistake about it, *more women ask for Bissell Carpet Sweepers than they do all other sweepers combined!*

Are you getting the most you can out of the powerful sales support behind Bissell Carpet Sweepers? The name Bissell has been foremost in the sweeper business since 1876—and Bissell's aggressive advertising keeps it there! Take advantage of this for your own profit. Display Bissell Sweepers prominently, in your windows, inside your store!

Have your salespeople demonstrate Bissells and talk them up! You'll find that if you push Bissells—feature them—you'll make a grand clean-up on your sweeper sales!

(From survey figures, over a five-year period.)

## BISSELL CARPET SWEEPERS

The world's fastest-selling carpet sweeper!

# OUTSTANDING NEW! WALL DECORATIONS!



Colorful metal display assortment of Dec-O-Tape (82 rolls) and Figurettes (48 packets). The sales-commanding sign at right (24" x 24") free with each display assortment!

Dec-O-Tape and Figurettes... the smartest, newest, completely different wall decorations yet offered! In less than one year they have

created a sensational demand among modern housewives all over the country because they're so inexpensive to use and easy to apply.

Dec-O-Tape is a self-adhesive waterproof tape supplied in 12 harmonious colors... Figurettes are attractive pre-cut designs of the same durable material. Together they make possible hundreds of decorative combinations for wall borders, etc., appropriate for every room in the home! A few of the many possible motifs are shown above on the display sign.

**NOT TRANSFERS!** No soaking in water, breakage, varnishing or gluing with Dec-O-Tape and Figurettes! Just stick them on! Removal is easy, too. They peel off without marring, from any washable surface.

Don't fail to take advantage of this fine new profit opportunity. Offer Dec-O-Tape and Figurettes to your customers without further delay... ask your jobber or write to us!

Dec-O-Tape and Figurettes are made by the Manufacturers of internationally known DUTCH BRAND Friction Tape.

Est. 1910 **VAN CLEEF BROS.** Mfrs.

Woodlawn Avenue, 77th to 78th Streets, Chicago, U.S.A.

Other Fast Selling Nationally Popular DUTCH BRAND Products:  
Rubber Tape Last Long Shoe Soles  
Twintak—Shelf Edging Tape Gold and Aluminum Paints  
Rub'r-Shim—Stops drafts and rattles in automobile bodies and around the home.

Mention Hardware Age When Writing



ALL YOU WANT-  
YOU GET FROM

**Pennwoven**



- ✓ 1. QUALITY CLOTH
- ✓ 2. ALL WANTED KINDS
- ✓ 3. CONVENIENT PACKING
- ✓ 4. DISTRIBUTOR SERVICE
- ✓ 5. SELLING HELPS

LITERATURE  
ADVERTISING PENCILS  
YARD STICKS  
ROLL CLIPS  
WIRE CLOTH SAMPLE BOOKS

# WIRE INSECT CLOTH

## Pennwoven WIRE INSECT CLOTH

offers you a full range of sizes and kinds to fill all wire insect cloth requirements.

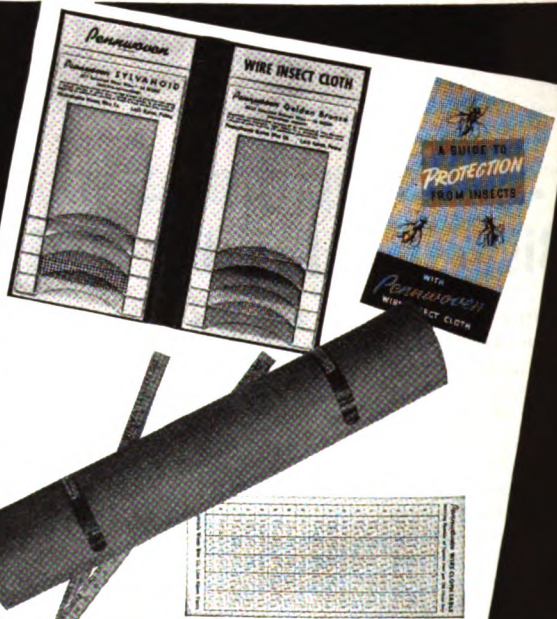
High quality of material and modern, advanced manufacturing methods combine to produce wire cloth with definite selling features.

Wide distribution of wholesale stocks makes Pennwoven wire insect cloth readily available on short notice.

### THE Pennwoven LINE

- **BLACK ENAMEL** . . . Made of hard drawn steel wire of uniform gauge and processed after weaving with a specially selected flexible enamel.
- **SYLVANOID** . . . Steel wire screen cloth electrolytically coated with pure zinc by the continuous bath, Pennwoven process after which it is processed with specially compounded, flexible grey enamel and then lacquered.
- **ANTIQUE BRONZE** . . . The wire base is commercial bronze with 90% to 92% pure copper and .0113 inches diameter to provide a stiff, durable cloth. After weaving, the cloth is further protected by a coat of clear lacquer.
- **GOLDEN BRONZE** . . . The same specifications as Antique Bronze except that the wire is natural, untreated commercial bronze. Lacquered after weaving for additional preservation.

**PENNSYLVANIA WOVEN WIRE CO.**  
LOCK HAVEN, PENNSYLVANIA



### ASK FOR THESE SALES HELPS TODAY

PENNSYLVANIA WOVEN WIRE COMPANY  
Lock Haven, Pennsylvania

Please send me the Sales Helps checked below:

- |   |  |
|---|--|
| <input type="checkbox"/> Envelope Size Folder                 | <input type="checkbox"/> Pencils                       |
| <input type="checkbox"/> "A Guide to Protection from Insects" | <input type="checkbox"/> Footage Table                 |
| <input type="checkbox"/> Yard Stick                           | <input type="checkbox"/> Wire Insect Cloth Sample Book |
| <input type="checkbox"/> Roll Clips                           |  |

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

Mention Hardware Age When Writing



PAINTS (Continued)

- Cabot (Samuel), Inc., Boston, Mass.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Cambria Paint & Color Co., Johnstown, Pa.  
 Campbell Paint & Varnish Co., St. Louis, Mo.  
 Carbola Chemical Co., Natural Bridge, N. Y.  
 Carpenter-Morton Co., Boston, Mass. "Carinote"  
 Carter Paint Co., Liberty, Ind. "Liberty"  
 Central Paint & Varnish Works, 69 Prospect, B'klyn, N. Y. "Cepaco Titanox," "Cumberland," "Universal Kote," "Waldorf"  
 Century Mfg. Co., Buffalo, N. Y.  
 Cheesman-Elliott Co., 82 Flatbush Av., B'klyn, N. Y.  
 Chicago Paint Wks., 1832 S. Kilbourn Av., Chicago, Ill. "Major White," "Upon Honor"  
 Chilton Paint Co., College Point, N. Y.  
 Chi-Namel Paint & Varnish Co., 1101 Third, So. Minneapolis, Minn. "Kitch-N-Tint," "Rapido," "Steri-Klene"  
 Chipman Chemical Co., Inc., Bound Brook, N. J.  
 Clement Coverall Co., Camden, N. J.  
 Colonial Wks., 233 Norman Av., B'klyn, N. Y. "Alkaloid"  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo. "Bestex," "Eureka," "Our Own"  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y. "American Seal"  
 Cook & Dunn Paint Corp., 109 St. Francis, Newark, N. J.  
 Cook Paint & Varnish Co., North Kansas City, Mo. "Red Circle"  
 Coolidge (F. J.) & Sons, Atlanta, Ga.  
 Davis (H. B.) Co., Baltimore, Md.  
 Dean & Barry Co., Columbus, O.  
 Debevoise Co., 958 Grand, B'klyn, N. Y. "Dereka"  
 De Mott & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
 Denny, Hilborn & Rosenbach, Phila., Pa.  
 De Soto Paint & Varnish Co., Memphis, Tenn.  
 Detroit Graphite Co., Detroit, Mich.  
 Devoe & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Diamond Products Co., Chicago, Ill.  
 Dixon (Joseph) Crucible Co., Monmouth, Jersey City, N. J.  
 Dolphin White Lead & Color Co., 501 Superior, Toledo, O.  
 Domino Paint Mfg. Co., New Orleans, La.  
 Dwyer & Gay Paint Co., Jacksonville, Fla.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "DuPont"  
 Eberon-Lindsey Paint Co., St. Louis, Mo.  
 Elmerite Paint & Mfg. Co., Des Moines, Ia.  
 Elliott Varnish Co., Chicago, Ill.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O. "Em-Var-Co," "Square Deal"  
 Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill. "Quick-Dri"  
 Farwell, Oxman, Kirk & Co., St. Paul, Minn. "Gilt-Edge," "Northern"  
 Felton, Sibley & Co., Phila., Pa.  
 Ferberth & Schorndorffer Co., Cleveland, O.  
 Flint Paint & Varnish Corp., Flint, Mich.  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Fort Smith Paint & Color Co., Fort Smith, Ark.  
 Foy Paint Co., Inc. (Norwood), Cincinnati, O. "Best Bodied Enamelized," "Big-Four," "Brevox," "Columbian," "Dri-Fast," "Fo-Pa-Co," "Foy's," "Levelon," "Master Painters," "One-Kote," "Pac," "Permadura," "Porouseal," "Quick-Cote," "Special Building," "Super-Sheen," "Topaz," "Truense," "Velva-Gloss," "Velva-Seal," "Velva-tone"  
 Fraser Paint Co., Detroit, Mich.  
 Frost Paint & Oil Co., Minneapolis, Minn.  
 Fuller (W. P.) & Co., Inc., San Francisco, Cal.  
 Gates (J. M.) Sons Co., Charleston, W. Va.  
 Gibson-Homans Co., Cleveland, O.  
 Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Gillespie"  
 Glidden Paint & Varnish Co., Chattanooga, Tenn.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Endurance," "Jap-A-Lac," "Ripolin," "Titan-O-Zinc," "Zinc-O-Lith"  
 Globe Paint Co., Williamsport, Pa.  
 Goheen Corp. of N. J., 46 Albert Av., Newark, N. J. "Galvanum"  
 Grand Ledge Paint Co., Grand Ledge, Mich.  
 Grand Rapids Varnish Corp., Grand Rapids, Mich. "Gravaco"  
 Hanline Bros., Baltimore, Md.  
 Hammond Paint & Chemical Co., Beacon, N. Y. "Hammond's," "Mt. Beacon," "Original," "Storm King"  
 Hampden Paint & Chemical Co., Springfield, Mass.  
 Hanline Bros., Baltimore, Md.  
 Hanna Paint Mfg. Co., Columbus, O.  
 Heath & Milligan Mfg. Co., Chicago, Ill.  
 Henderson & Johnson, Inc., Gloucester, Mass.  
 Hilo Varnish Corp., 42 Stewart Av., Brooklyn, N. Y. "Compo"  
 Hooker Glass & Paint Mfg. Co., Chicago, Ill. "King"  
 Horn (A. C.) Co., Hancock, Long Island City, N. Y.  
 Howell (C. E.) & Co., Phila., Pa.  
 Indiana Indestructible Paint Co., Chicago, Ill. "Fullerton," "Super-White"  
 Indianapolis Paint & Color Co., Indianapolis, Ind. "Capital City"  
 Island White Lead Co., Chicago, Ill.  
 Jamestown Paint & Varnish Co., Jamestown, Pa.  
 Jewel Paint & Varnish Co., Chicago, Ill. "Conqueror," "Domestic"  
 Johnson (Oliver) & Co., Inc., Providence, R. I. "Diac"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Coaststone," "Dull Kote," "1st Kote-Over," "Gilsco-Knight," "Towry Kote," "Ivory Sheen," "Johnston," "Jo-Pa-Co," "Mammoth," "No-Eq-Ual," "Nuwal Magic Gloss," "Nuwal Flat," "Old Chelsea," "Once-Over," "Prima-Sote," "Purpokin Yellow," "Rainbow," "Scotch," "Stripe-White," "Surety Bond Adia-Thermatic," "Super Duty," "Takehold," "Thrift," "Thrill Senior," "Turkey Red," "U-Do-It," "U-Ad-Oil," "Vasda," "Vi-Va"  
 Keystone Varnish Co., 71 Otsego, B'klyn, N. Y. King (E. F.) & Co., Inc., Boston, Mass. "Breer's," "Efko"  
 King Paint Mfg. Co., 449 Kent Av., B'klyn, N. Y.  
 Kirby (Geo. J., Jr.) Paint Co., New Bedford, Mass.  
 Kuehnle, Inc., Phila., Pa.  
 Kuhns Paint & Varnish Wks., Houston, Tex.  
 Kurfess (J. F.) Paint Co., Louisville, Ky.  
 Lancaster Paint & Glass Co., Lancaster, Pa. "Amaza," "Eureka"  
 Lansing Paint & Color Co., Lansing, Mich.  
 Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
 Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"  
 Lincoln Paint & Color Co., Lincoln, Neb.  
 Louisville Paint Mfg. Co., Louisville, Ky.  
 Lowe Bros. Co., Dayton, O. "Blak-en-al," "Blue Star," "Derby Red," "High Gloss," "High Standard," "Mello-Gloss," "Mello-tone"  
 Lucas (John) & Co., 322 Race, Philadelphia, Pa. "Super-Mix"  
 McCafferty (Jas. A.) & Sons Mfg. Co., 505 Driggs Ave., Brooklyn, N. Y.  
 McCloskey Varnish Co., (Holmesburg) Phila., Pa.  
 McDougall-Butler Co., Buffalo, N. Y.  
 McGlone Varnish Co., Revere, Mass.  
 McMurtry Mfg. Co., Denver, Colo.  
 McNamara Paint Products Co., Inc., 3103 Beaubien, Detroit, Mich.  
 McQuade (John) & Co., Inc., 134 Classon Av., Brooklyn, N. Y. "McQuade's"  
 Marietta Paint & Color Co., Marietta, O.  
 Mar-Kay Mfg. Co., St. Louis, Mo.  
 Martin & Martin, Chicago, Ill. "E-Z"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill. "Mon arch"  
 Martin Varnish Co., Chicago, Ill. "Amber-Lyte"  
 Masury (John W.) & Son, 50 Jay, Brooklyn, N. Y.  
 Mathews Paint Co., Los Angeles, Cal.  
 Means & Thacher, Quincy, Mass.  
 Merkin (M. J.) Paint Co., Inc., 1441 Bway, New York, N. Y.  
 Meyer (E. H.) & Co., Cincinnati, O.  
 Minehart-Traylor Co., Denver, Colo.  
 Monad Paint & Varnish Co., Phila., Pa. "Atco," "Monad"  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y. "Moorewhite," "Sani-Flat"  
 Moore-Leland Paint & Oil Co., Charleston, S. C.  
 Moser (Chas.), Cincinnati, O.  
 Mound City Paint & Color Co., St. Louis, Mo. "Horse Shoe"  
 Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y.  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 Nevin (T. H.) Co., Pittsburgh, Pa.  
 Nice (Eugene E.) Co., Philadelphia, Pa.  
 Norfolk Paint & Varnish Co., Norfolk Downs, Mass.  
 Nu-Enamel Corp., 8709 Kinsman Av., Cleveland, O.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "Celluloseal," "Liquid Lite," "Liquid Velvet," "O'Brien's T.T.O.," "Soy-Paint"  
 Packard Paint & Varnish Co., Boston, Mass.  
 Paraffine Cos., Inc., San Francisco, Cal. "Pahen"  
 Paragon Paint & Varnish Co., 5-49-46th Av., Long Island City, N. Y.  
 Parco Products, Inc., 19 W. 44th, New York, N. Y. "Partwall"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Patek Bros., Inc., 216 N. Water, Milwaukee, Wis.  
 Patterson-Sargent Co., Cleveland O. "B. P. S."  
 Payson Paint & Varnish Corp., 804 E. 141st, New York, N. Y. "Nu Deal," "Jeb," "Marhero," "Payson's"  
 Peaslee-Gaulbert Paint & Varnish Co., Inc. Louisville, Ky. "Pee Gee"  
 Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa. "Rhino"  
 Phoenix Paint & Varnish Co., Phila., Pa.  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y. "Agate," "Perfect"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pioneer Mfg. Co., Cleveland, O. "Shino"  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Alba-Lux," "Florhide," "Ironhide," "Sun-Proof," "Snolite," "Sun Glo," "Wallhide," "Waterspar"  
 Pratt & Lambert, Inc., 75 Tonawanda, Buffalo, N. Y.  
 Red Devil Paint & Varnish Wks., 523 8d Av., B'klyn, N. Y.  
 Reeder (Oliver) & Son, Baltimore, Md.  
 Reifschneider Paint & Glass Co., Omaha, Neb.  
 Republic Paint & Varnish Co., 14th & So. Kilbourn Av., Chicago, Ill.  
 Ruberoid Co., 500 Fifth Av., New York, N. Y.  
 Ruth (B. F.) & Co., Reading, Pa.  
 Sailors (R. L.) & Co., Longview, Wash. "ReNew" (Window Shade Paint)  
 St. Louis Surfer & Paint Co., St. Louis, Mo.  
 St. Paul White Lead & Oil Co., St. Paul, Minn. "Lion"  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.  
 Sargent-Gerke Co., Indianapolis, Ind. "Sar-Toner," "Velva-Text"  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sherwin-Williams Co., Cleveland, O. "Enameloid," "Flat-Tone," "Semi-Lustre," "SWP"  
 Sipe (Jas. B.) & Co., Pittsburgh, Pa.  
 Smith-Alsop Paint & Varnish Co., Terre Haute, Ind.  
 Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y. "Amalie," "Cemcoat"  
 Southwestern Paint & Varnish Co., Kansas City, Mo.  
 Spruance (Gilbert) Co., Richmond & Toga, Phila., Pa. "Tioxilene"  
 Stanley Chemical Co., East Berlin, Conn.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
 Stuckney Color Co., Indianapolis, Ind.  
 Suydam (M. B.) Co., Pittsburgh, Pa.  
 Tamma Silica Co., 228 N. La Salle, Chicago, Ill. "Inso-White," "Kalso-Lite," "Lindex," "Out-So-Lite," "Silix-Text," "Stucco-Lite," "Tamecote," "Tamsco-Lite," "Tamtex"  
 Thomas (A. H.) Paint Co., Waverly, N. Y.  
 Towns Paint Co., Buffalo, N. Y. "To-Pa-Co"  
 Tredennick Paint Mfg. Co., Meriden, Conn.  
 Tropical Paint & Oil Co., Cleveland, O.  
 Truseon Laboratories, Detroit, Mich.  
 Twin City Varnish Co., Minneapolis, Minn.  
 U. S. Gutta Percha Paint Co., Providence, R. I. "Barreled Sunlight"  
 U. S. Gypsum Co., 302 W. Adams, Chicago, Ill. "Texolite"  
 U. S. Plastics Co., 860 Providence Rd., Scranton, Pa. "Derma"  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Vaispar"  
 Vane-Calvert Paint Co., St. Louis, Mo.  
 Varcraft Wks., Pottstown, Pa.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Alumikote," "Brittenol," "Carbonizing Coating," "Concrewalm," "Galvanum," "Highway Red," "Industrial Enamel," "Oxidized Carbon Cement," "Rockote," "Surfalox," "Thermokote," "Wallgard"  
 Voltax Co., Bridgeport, Conn.  
 Vortex Mfg. Co., Cleveland, O.  
 Wadsworth, Howard & Co., Boston, Mass.  
 Waterlox of Ohio, Inc., 2636 E. 76th, Cleveland, O. "Waterlox"  
 Watson (John R.) Paint Co., 3103 Beaubien, Detroit, Mich. "Ideal"  
 Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "Star," "Watson-Standard"  
 West Chemical & Paint Co., Springfield, Mich.  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested," "Easy Coat," "Floorshine," "Old Painter"  
 Wetherill (G. D.) & Co., Philadelphia, Pa.  
 Whitlam (J. C.) Mfg. Co., Wadsworth, O.  
 Wilhelm (A.) Co., Reading, Pa.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J. "Bermalo," "Cawpaco," "Copper Best," "Extentone," "Indestructible," "Lacacaw," "Menitone," "Moonglo," "Popular," "Standard," "Tredon," "Weather-Kote"

PAINTS, Aluminum, Bronze and Gold

- Adams & Elting Co., Chicago, Ill.  
 Alabastine Co., 885 Chicago Drive, S. W., Grand Rapids, Mich.  
 Aluminum Industries, Inc., Cincinnati, O. "Permite"  
 American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeeco"  
 Arco Co., Cleveland, O.  
 Baer Bros., 438 W. 37th, New York, N. Y.  
 Bestoseal Co., 1451 B'way, New York, N. Y. "Bestoseal"  
 Boyer Chemical Laboratory Co., Chicago, Ill.  
 Brilliant Products Co., Cleveland, O. "Brilliant"  
 Carter Paint Co., Liberty, Ind. "Armormize"  
 Chi-Namel Paint & Varnish Co., 1101 Third, So. Minneapolis, Minn.  
 Chipman Chemical Co., Inc., Bound Brook, N. J.  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo. "Eureka"  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y.  
 Dehls & Stein, Inc., 237 South, Newark, N. J.  
 DeSoto Paint & Varnish Co., Memphis, Tenn.  
 Devoe & Reynolds Co., Inc., 1 W. 47th, New York, N. Y. "Alustrium"  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 Eberon-Lindsey Paint Co., St. Louis, Mo.  
 Flint Paint & Varnish Corp., Flint, Mich.  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Super-Sheen," "Topaz"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Metalite"  
 Goheen Corp. of N. J., 46 Albert Av., Newark, N. J. "Alumikote"  
 Hammond Paint & Chemical Co., Beacon, N. Y. "Hammond's"  
 Hampden Paint & Chemical Co., Springfield, Mass.  
 Hanline Bros., Baltimore, Md.  
 Hanna Paint Mfg. Co., Columbus, O.  
 Heath & Milligan Mfg. Co., Chicago, Ill.  
 Hemmerdinger (L.) & Co., 488 E. 123d, New York, N. Y.  
 Hommel (O.) Co., Pittsburgh, Pa.  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Vi-Va"  
 Kemp (W. H.) Co., 350 Hudson, New York, N. Y. "Alumichrom," "Lustrigrid"  
 Kahn (H.) & Co., Philadelphia, Pa. "Robin Hood"  
 Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
 Lawrence (W. W.) & Co., Carson, Pittsburgh, Pa. "Tiger Brand"  
 Lowe Bros. Co., Dayton, O.  
 Lucas (John) & Co., Philadelphia, Pa.  
 McGlone Varnish Co., Revere, Mass. "Watalite"  
 Martin-Martin, Chicago, Ill.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Mathews Paint Co., Los Angeles, Cal.  
 Merkin (M. J.) Paint Co., Inc., 1441 Bway, New York, N. Y.

# RYERSON CERTIFIED STEELS

**LARGE STOCKS . . .  
UNIFORM HIGH QUALITY  
IMMEDIATE SHIPMENT**

Principal products include— Alloy Steels, Tool Steels, Stainless Steel, Hot Rolled Bars, Hoops and Bands, Beams and Heavy Structural, Channels, Angles, Tees and Zees, Plates, Sheets, Cold Finished Shafting and Screw Stock, Strip Steel, Flat Wire, Boiler Tubes and Fittings, Mechanical Tubing, Rivets, Bolts, Nuts, Washers, etc. Write for Stock List. Joseph T. Ryerson & Son, Inc., Chicago, Milwaukee, Detroit, Cincinnati, Cleveland, Buffalo, Boston, St. Louis, Philadelphia, Jersey City.



*Put this  
DISPLAY  
ASSORTMENT  
to work  
for you*

● Put this display of Alligator Steel Belt Lacing in a good spot where it will attract the attention of your farm and shop customers. You will be surprised how many Handy Packages of Alligator you can sell if you point out how much trouble it saves to have the lacing on hand before a belt breaks. When you sell Alligator you sell insurance against belt trouble and your customers will thank you for calling it to their attention.

This display carton No. 420 contains twenty Handy Packages of the four most popular sizes—five packages each of No. 15-S, 20-S, 25-S and 27-S. Each Handy Package contains two sets of lacing for 6" belts complete with rocker hinge pins and handle gauge pin. The four sizes will handle the lacing of belts from 1/8" to 9/32" thick.

No. 420 Display Assortment **\$13.00**  
List price. Subject to regular trade discount.

Order from your Jobber

FLEXIBLE STEEL LACING CO.  
4616 Lexington St. Chicago, Ill.

**ALLIGATOR**  
TRADE MARK REG. U.S. PAT. OFFICE  
**STEEL BELT LACING**  
"JUST A HAMMER TO APPLY IT"

SIZE MARKED  
*Simplex*  
PUMP LEATHERS



## Save Time

The size is so clearly marked on each Simplex leather there can be no mistakes—no hunting for rulers to measure—and no cause for exchanges from customers.

Simplex size-marked pump leathers cut down selling expense and give clerks more time to sell other items. Build the reputation of having a well-stocked efficient store. Try this new way to make sales more profitable.

Ask your jobber or write us for price list.

**SIMPLEX**  
MANUFACTURING CO.  
AUBURN, N. Y.

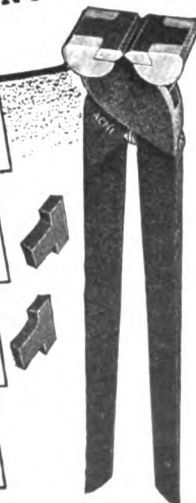
WHY CAPEWELL SELLS FASTER  
**EXTRA PAIR  
JAWS GIVEN  
WITH CAPEWELL  
ACME CUTTING NIPPER**

Removable jaws.  
Swegged into place.  
No screws to loosen  
or break.

Extra pair jaws (list  
value 70c) boxed  
with each Capewell  
Acme Nipper.

Improved hardening  
prolongs sharpness  
and life of jaws.

Adjustment relieves  
jaws of pressure, de-  
lays dulling.



Longer service life makes these  
nippers more profitable to sell.  
For further details write to . . .

**CAPEWELL**  
MFG. CO., HARTFORD, CONNECTICUT

Mention Hardware Age When Writing

## A Popular Selling Wire Stretcher

The Townsend Wire Stretcher has been a profitable seller for 30 years. It gives complete satisfaction. Made strong and durable to last for years. Affords powerful leverage. Easily attached to the wire.

One man can stretch the wire with this implement and nail it to the post without assistance. The 3-foot wooden handle or lever is fitted with sturdy malleable iron pincers with Serrated Steel Grips warranted not to slip. The—



## Townsend Wire Stretcher

stretches to the last post at the end of the fence as well as to any other. Will stretch plain, twisted, barbed or woven wire. Stretches woven wire with a large mesh better than most stretchers made especially for it. Also ideal for tightening bands and wire on large shipping boxes, crates and bales. Send for Folder and Trade-prices.

**B. W. TOWNSEND**  
Painted Post, N. Y.



## SLIPKNOT - FRICTION - TAPE

Highest in Quality.  
Competitive in Price—  
Attractively Packaged—

Sold only through  
reputable wholesalers.

**PLYMOUTH RUBBER COMPANY, Inc.**  
CANTON, MASS.

Digitized by Google



**PAINTS, Aluminum, Bronze and Gold (Continued)**

Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 Nice (Eugene E.) Co., Philadelphia, Pa.  
 Nu-Bac Mfg. Co., St. Louis, Mo.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Metaleaf," "Pitcairn," "Water-spar"  
 Premier Chemical Co., Cleveland, O. "Norbo"  
 Reifschneider Paint & Glass Co., Omaha, Neb.  
 Ritch & Pidge Mfg. Co., Fultonville, N. Y. "Peerless"  
 Roberson Preserve Co., Port Huron, Mich. "Glaso"  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y. "Aluminum Glaze," "Gold Glaze," "Our Favorite"  
 Seward Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O.  
 Sherwin-Williams Co., Cleveland, O.  
 Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass. "Reflekolite," "Utiliter"  
 Tomlinson Co., Lawrence, Mass. "Tomco"  
 Van Cleaf Bros., Woodlawn Av. to 78th, Chicago, Ill. "Dutch Brand"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Alumikote," "Wallgard"  
 Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "So-E-Zy"  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"  
 Woolsey (C. A.) Paint & Color Co., 500 Grand Jersey City, N. J.

**PAINTS, Asphalt**

American Asphalt Roof Corp., Kansas City, Mo. "Old American"  
 Arco Co., Cleveland, O.  
 Armstrong Paint & Varnish Wks., 1318 S. Kilbourn Av., Chicago, Ill. "Armello," "Armortite," "Arm-Seal," "Boss Painter," "Every-Use," "Kilbourn," "Pawnee"  
 Ashland Paint Co., Huntington, W. Va. "A A A" "Black Mammy"  
 Atlas Asbestos Co., North Wales, Pa.  
 Barrett Co., 40 Rector, New York, N. Y. "Anchor," "Crystal," "Everjet"  
 Becker-Moore Paint Co., St. Louis, Mo.  
 Bestoseal Co., 1451 B'way, New York, N. Y.  
 Briggs (W. A.) Bitumen Co., Phila., Pa.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Cambria Paint & Color Co., Johnstown, Pa.  
 Carey (Philip) Co. (Lockland), Cincinnati, O.  
 Carter Paint Co., Liberty, Ind. "Liberty"  
 Cheesman-Elliott Co., 641 Kent Av., Brooklyn, N. Y.  
 Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 Flintkote Co., 50 W. 50th, New York, N. Y.  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foster (Benjamin) Co., 20th & Erie Av., Phila., Pa. "J. B. M."  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Weathercoat"  
 Hampden Paint & Chemical Co., Springfield, Mass.  
 Ketel (J. G.) Est., 67 Main, Newark, N. J.  
 Jamestown Wood Finishing Co., Jamestown, N. Y.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Mathews Paint Co., Los Angeles, Cal.  
 Merkin (M. J.) Paint Co., Inc., 1441 Bway., New York, N. Y.  
 Nice (Eugene E.) Co., Philadelphia, Pa.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pioneer Asphalt Co., Lawrenceville, Ill.  
 Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 Seward Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sherwin-Williams Co., Cleveland, O.  
 Sonchorn (L.) Sons, 88 Lexington Av., New York, N. Y.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass. "Silver Lining"  
 Sydam (M. B.) Co., Pittsburgh, Pa.  
 Thibaut & Walker Co., 72 9th, Long Island City, N. Y.  
 Truscon Laboratories, Detroit, Mich.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Western Elastite Roofing Co., Denver, Colo.

**PAINTS, Automobile, Carriage, Coach, Etc.**

Adams & Elting Co., Chicago, Ill.  
 Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.  
 Alston-Lucas Paint Co., Chicago, Ill.  
 Arco Co., Cleveland, O.  
 Bayer Chemical Laboratory Co., Chicago, Ill.  
 Bradford (Jas.) Co., Wilmington, Del.

Burdal (A.) Co., Indianapolis, Ind.  
 Cambria Paint & Color Co., Johnstown, Pa.  
 Continental Products Co., Euclid, O.  
 Denny, Hilborn & Rosenbach, Phila., Pa.  
 Detroit White Lead Wks., Detroit, Mich. "88 Black"  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Duco"  
 Durkee-Atwood Co., Minneapolis, Minn.  
 Ebersson-Lindsey Paint Co., St. Louis, Mo.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O. "Em-Var-Co"  
 Farwell, Ozmun, Kirk & Co., St. Paul, Minn. "Gilt-Edge"  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Brevox," "4-Hour," "Dri-Fast," "Levelon," "Quick-Cote"  
 Gates (J. M.) Sons Co., Charleston, W. Va.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Speedene," "Speedenamel"  
 Hanline Bros., Baltimore, Md.  
 Hilo Varnish Corp., 42 Stewart Av., Brooklyn, N. Y. "Speed-Up"  
 Johnson (Oliver) & Co., Inc., Providence, R. I. "Ojaco"  
 King Paint Mfg. Co., 449 Kent Av., Brooklyn, N. Y.  
 Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"  
 Lowe Bros. Co., Dayton, O. "Nepto-Name!"  
 McMurry Mfg. Co., Denver, Colo.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Masury (J. W.) & Son, 50 Jay, B'klyn, N. Y.  
 Mathews Paint Co., Los Angeles, Cal.  
 Mound City Paint & Color Co., St. Louis, Mo. "Horseshoe"  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 Nice (Eugene E.) Co., Philadelphia, Pa.  
 Nu-Enamel Corp., 8708 Kinsman Av., Cleveland, O.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Lavax," "Mimax," "Water-spar"  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y. "Speed Enamel"  
 Schrack (C.) & Co., Philadelphia, Pa.  
 Seward Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sherwin-Williams Co., Cleveland, O.  
 Stickney Color Co., Indianapolis, Ind.  
 Towns Paint Co., Buffalo, N. Y. "To-Pa-Co"  
 Truscon Laboratories, Detroit, Mich.  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Valpar"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"  
 Wilhelm (A.) Co., Reading, Pa.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.  
 Zapon-Brevolite Lacquer Co., Marquette, No. Chicago, Ill.

**PAINTS, Barn**

Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.  
 Arco Co., Cleveland, O.  
 Armstrong Paint & Varnish Wks., 1318 S. Kilbourn Av., Chicago, Ill. "Armello," "Armortite," "Arm-Seal," "Boss Painter," "Every-Use," "Kilbourn," "Pawnee"  
 Arto Mfg. Co., Roberts Av. & Stokley, Phila., Pa.  
 Berry Bros., Detroit, Mich. "Berrycraft"  
 Black Diamond Paint & Varnish Wks., Cincinnati, O. "Watertite"  
 Burdal (A.) Co., Indianapolis, Ind.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Cambria Paint & Color Co., Johnstown, Pa.  
 Carter Paint Co., Liberty, Ind. "Liberty"  
 Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn. "Warrior"  
 Chipman Chemical Co., Inc., Bound Brook, N. J.  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y.  
 Continental Products Co., Euclid, O.  
 Diamond Products Co., Chicago, Ill. "Pitkind's" (Red Oxide)  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 Ebersson-Lindsey Paint Co., St. Louis, Mo.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O. "Em-Var-Co"  
 Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill.  
 Farwell, Ozmun, Kirk & Co., St. Paul, Minn. "Gilt-Edge," "Northern"  
 Felton, Shelby & Co., Inc., Phila., Pa.  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's," "Truense"  
 Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Gillespie"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Endurance"  
 Hampden Paint & Chemical Co., Springfield, Mass.  
 Hanline Bros., Baltimore, Md.  
 Hanna Paint Mfg. Co., Columbus, O.  
 Heath & Milligan Mfg. Co., Chicago, Ill.  
 Indiana Indestructible Paint Co., Chicago, Ill.  
 Jamestown Paint & Varnish Co., Jamestown, Pa.  
 Jamestown Wood Finishing Co., Jamestown, N. Y.

Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Mamolith," "Pumpkin Yellow," "Turkey Red"  
 Keystone Varnish Co., 71 Otasego, B'klyn, N. Y.  
 King (E. & F.) & Co., Inc., Boston, Mass. "Eko"  
 Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
 Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"  
 Lowe Bros. Co., Dayton, O. "Derby Red," "Standard Barn"  
 Lucas (John) & Co., Phila., Pa.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Masury (J. W.) & Son, 50 Jay, B'klyn, N. Y.  
 Mathews Paint Co., Los Angeles, Cal.  
 Merkin (M. J.) Paint Co., Inc., 1441 Bway., New York, N. Y.  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
 Mound City Paint & Color Co., St. Louis, Mo. "Horseshoe"  
 Nice (Eugene E.) Co., Phila., Pa.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's," "Soy-Paint"  
 Paragon Paint & Varnish Co., 6-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y. "Agate," "Perfect"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Barnhide," "Pittsburgh," "Tuscar"  
 Reifschneider Paint & Glass Co., Omaha, Neb.  
 St. Louis Surface & Paint Co., St. Louis, Mo.  
 St. Paul White Lead & Oil Co., St. Paul, Minn.  
 Seward Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sherwin-Williams Co., Cleveland, O.  
 Southwestern Paint & Varnish Co., Kansas City, Mo.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
 Truscon Laboratories, Detroit, Mich.  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Valpar"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "Star"  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"  
**PAINTS, Brick—See Paints, Cement, Concrete, Brick, Etc.**  
**PAINTS, Bronze—See Paints, Aluminum and Bronze**  
**PAINTS, Carriage—See Paints, Automobile, Carriage, Coach, Etc.**

**PAINTS, Casein**

Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich. "Alabastone"  
 Atlantic Paint Mfg. Co., 100 Boylston, Boston, Mass. "Armalite"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Reflekolite"  
 Harrop Chemical Co., 195 Hoboken Av., Jersey City, N. J.  
 Lignotite Co., 2725 Archer Av., Chicago, Ill.  
 Lowe Bros. Co., Dayton, O.  
 Lumino Co., Inc., 515 Madison Av., New York, N. Y. "Luminize"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Dureco," "Indelible," "Muralo," "Mural-Tone," "Semex"  
 National Chemical & Mfg. Co., 3617 S. May, Chicago, Ill. "Luminall"  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Pioneer Mfg. Co., 3053 E. 87th, Cleveland, O.  
 Reardon Co., Second & Clinton, St. Louis, Mo. "Modex"  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass. "Luxotint," "Luxowhite"  
 Tamms Silica Co., 228 N. La Salle, Chicago, Ill. "Linder," "Tam-Cote"  
 U. S. Gypsum Co., 302 W. Adams, Chicago, Ill. "Texolite"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Wilbur & Williams Mfg. Co., 429 Park Sq. Bldg., Boston, Mass. "Totalbrite"

**PAINTS, Cement, Concrete, Brick, Stucco, Etc.**

Adams & Elting Co., Chicago, Ill.  
 Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.  
 Alcatraz Co., Richmond, Va.  
 Allentown Paint Mfg. Co., Allentown, Pa.  
 Arco Co., Cleveland, O.  
 Ashland Paint Co., Huntington, W. Va.  
 Atlantic Paint Co., Inc., 185 Madison Av., New York, N. Y.  
 Atlantic Paint Mfg. Co., 100 Boylston, Boston, Mass. "Armacoat"  
 Becker-Moore Paint Co., St. Louis, Mo.  
 Bestoseal Co., 1451 B'way, New York, N. Y. "Bestoseal"  
 Black Diamond Paint & Varnish Wks., Cincinnati, O. "Watertite"  
 Boydell Bros. White Lead & Color Co., Detroit, Mich.  
 Burdal (A.) Co., Indianapolis, Ind.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Cambria Paint & Color Co., Johnstown, Pa.  
 Chattanooga Paint Co., Chattanooga, Tenn.  
 Cheesman-Elliott Co., 641 Kent Av., B'klyn, N. Y.

# The Name TRADE YALE MARK

## YALE PADLOCKS



**No. 771 Series**

**High Grade Pin-Tumbler**  
Cases are polished solid brass, shackles are hardened steel. A quality lock as the pin-tumbler mechanism provides a high degree of security. Moderately priced. Five sizes, 1 to 2 in.

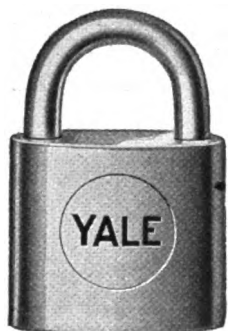
Suggested retail prices from  
**\$1.00 to \$1.70**



**No. 793 Padlock**

Solid rustless case of new design in baked brass finish. Hardened steel shackle, locked both sides. The pin-tumbler mechanism assures good security at a fair price. No. 793—1½ in. No. 794—1¾ in.

Suggested retail prices  
**75c and \$1.00**



**No. 604 Padlock**

1¾ in. solid rustless case finished in green lacquer. Steel shackle. Disc-tumbler mechanism. 200 changes. Two milled keys.

Suggested retail price, **50c**



**No. 248 Padlock**

Has a 1½ in. case of rustless metal, mahogany lacquer finish. Steel shackle, baked aluminum finish. Warded construction. Two corrugated steel keys.

Suggested retail price, **25c**

**T**HE NAME YALE is known throughout the world. Customers know it as a symbol of security and quality which has stood the test of over three generations of service. It is this acceptance that makes the name YALE on any product one of the world's best sales arguments. This, plus constant national advertising and dealer cooperation.

On these pages are shown but a few of the products that bear hardware's outstanding mark of quality—YALE. For further information just drop us a line.

## CABINET and TRUNK LOCKS

Yale makes a complete line of cabinet and trunk locks to suit many requirements, covering all grades of security and prices. Lock shown is No. 5551¼ drawer lock. All cabinet locks now packed with screws.

All cabinet locks now packed with screws.



## YALE KEY BLANKS

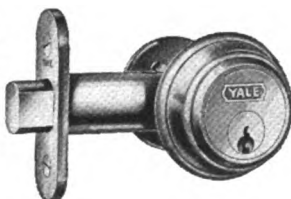
Use Yale Key Blanks when making keys for Yale Locks, as they fit the keyways and will properly operate the locks.



## No. 170 DEADLOCK

This lock and its companion, the No. 175 Deadlatch, provide distinctive advantages in mortise lock application. The bolt is of extruded brass reinforced by two hardened steel pins to prevent sawing. Front plate is of forged brass.

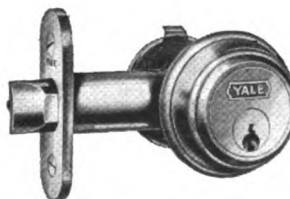
Suggested retail price, **\$3.00**



## No. 175 DEADLATCH

The construction of this lock is similar to that of No. 170. It combines the convenience of a spring latch with the security of a deadlock, having also the automatic feature—deadlocking automatically when the door is closed.

Suggested retail price, **\$3.30**

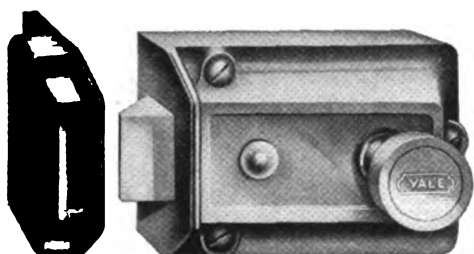


# THE YALE & TOWNE MFG. COMPANY

Mention Hardware Age When Writing

# Helps Make the Sale

## YALE AUXILIARY LOCKS



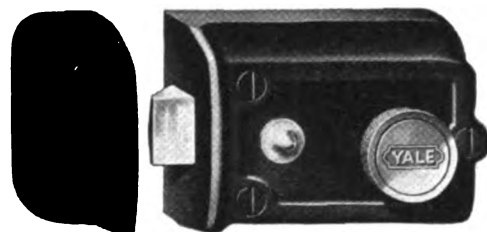
### No. 040 Springlatch

Iron case with wrinkled brass finish. Pin-tumbler mechanism. Three milled nickel-bronze keys.

Suggested retail price, \$1.75

**NOTE:** Other YALE Deadlocks, Deadlatches and Springlatches from 75c. For doors with glass panels, be sure to sell YALE Deadlocks or Deadlatches with cylinder operation both inside and outside.

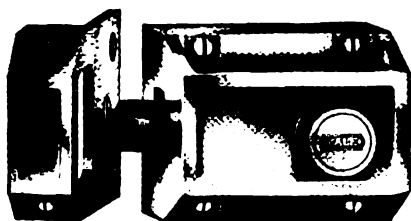
For complete details, regarding any YALE product, see your own jobber or write to us direct.



### No. 36 Springlatch

Iron case, dead black finish. A small latch suitable for many places. Pin-tumbler mechanism.

Suggested retail price, \$1.35



### No. 2192 Deadlock

Malleable iron case, wrinkled brass finish. The hardened steel rotary bolt interlocks with the strike. Pin-tumbler mechanism.

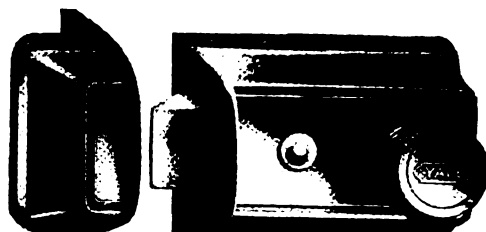
Suggested retail price, \$3.50



### No. 197 Deadlock

The two vertical hardened steel bolts lock the door and jamb into an inseparable unit. Choice of bronze or chromium-plated case. Pin-tumbler mechanism.

Suggested retail price, \$2.75

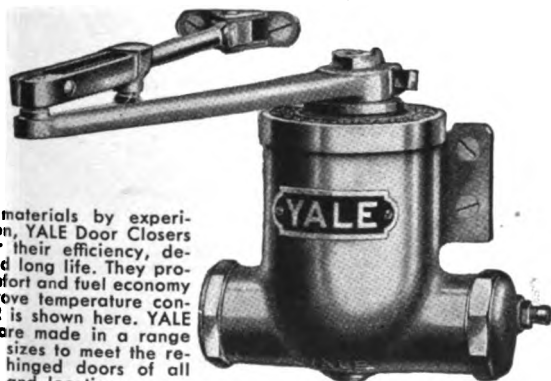


### No. 47 Automatic Deadlatch

"The lock that doesn't forget." It deadlocks every time the door is closed with an extra throw of bolt. Iron case, brown wrinkled finish. Pin-tumbler mechanism. Three nickel-bronze keys.

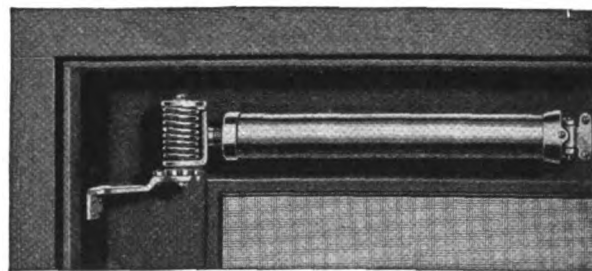
Suggested retail price, \$2.10

## YALE DOOR CLOSERS



Built of fine materials by experienced craftsmen, YALE Door Closers are known for their efficiency, dependability and long life. They provide quiet, comfort and fuel economy—help to improve temperature control. Model YR is shown here. YALE Door Closers are made in a range of models and sizes to meet the requirements of hinged doors of all weights, types and locations.

**NOTE:** No. 570 is a liquid type YALE Door Closer designed for use on screen doors and light interior doors. It is built to the same high standards of quality as are the larger YALE Door Closers.



No. 506 (illustrated) is one of two Spring Pneumatic type closers for use on screen doors. It has a visible coil spring and the tube is of seamless brass. No. 504 has the spring concealed within the brass tube. Both are strong, durable and represent exceptional value.

# STAMFORD, CONNECTICUT, U. S. A.

Mention Hardware Age When Writing

Digitized by Google



## PANTHER *and* DRAGON TAPES

1. First to be Wrapped and SEALED in Cellophane.
2. Perfect Adhesiveness and Tensile Strength.
3. Strong Distinctive Green Core.
4. Colorful Attractive Boxes.
5. A Company in the Insulation Business Since 1878.

# HAZARD INSULATED WIRE WORKS

DIVISION OF THE OKONITE CO.  
WORKS: WILKES-BARRE, PENNSYLVANIA

New York Chicago Philadelphia Atlanta  
Dallas Washington Cleveland



Pittsburgh Buffalo Boston Detroit Seattle  
San Francisco St. Louis Los Angeles

Mention Hardware Age When Writing

**PAINTS, Cement, Concrete, Brick, Stucco, Etc. (Continued)**

Con-Ferro Paint & Varnish Co., St. Louis, Mo.  
 "Bestex"  
 Continental Products Co., Euclid, O.  
 Denny, Hilborn & Rosenbach, Phila., Pa.  
 De Soto Paint & Varnish Co., Memphis, Tenn.  
 Detroit Graphite Co., Detroit, Mich.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 Ebersohn-Lindsay Paint Co., St. Louis, Mo.  
 Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill. "Concretite"  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Fox (M. Ewing) Co., 240 E. 136th, New York, N. Y.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
 Fraser Paint Co., 2475 Hubbard Av., Detroit, Mich.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 Goheen Corp. of N. J., 46 Albert Av., Newark, N. J. "Concrewatum"  
 Hampden Paint & Chemical Co., Springfield, Mass.  
 Hanline Bros., Baltimore, Md.  
 Hanna Paint Mfg. Co., Columbus, O.  
 Harrop Chemical Co., 195 Hoboken Av., Jersey City, N. J.  
 Heath & Milligan Mfg. Co., Chicago, Ill.  
 Hetzel (J. C.) Est., 67 Maine, Newark, N. J.  
 Hilo Varnish Corp., 42 Stewart Av., Bklyn, N. Y. "Speed-Up"  
 Indianapolis Paint & Color Co., Indianapolis, Ind. "Capital City"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston"  
 Keystone Varnish Co., 71 Otsego, B'klyn, N. Y.  
 King (E. & F.) & Co., Inc., Boston, Mass. "Breer's," "Efko"  
 Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
 Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"  
 Lincoln Paint & Color Co., Lincoln, Neb.  
 Lowe Bros. Co., Dayton, O.  
 Lucas (John) & Co., Phila., Pa.  
 McMurtry Mfg. Co., Denver, Colo.  
 McQuade (John) & Co., Inc., 134 Classon Av., Bklyn, N. Y. "McQuade's"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Masury (J. W.) & Son, 50 Jav. B'klyn, N. Y.  
 Mathews Paint Co., Los Angeles, Cal.  
 Medusa Portland Cement Co., Cleveland, O.  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y.  
 Miniwax Co., Inc., 11 W. 42nd, New York, N. Y.  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
 Mount City Paint & Color Co., St. Louis, Mo. "Horse Shoe"  
 Mural Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Mural"  
 Murphv Varnish Co., 224 McWhorter, Newark, N. J.  
 National Chemical & Mfg. Co., 3617 S. May, Chicago, Ill. "Luminol"  
 National Mfg. Corp., Tonawanda, N. Y.  
 Nevin (T. H.) Co., Pittsburgh, Pa.  
 Nice (Eugene E.) Co., Phila., Pa.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's T.T.O."  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Peaslee-Gault Co., Louisville, Ky.  
 Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa.  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Cementhide," "Patton's Sun-Proof"  
 Porce-Tite Products, Inc., 1001 W. 32nd, Chicago, Ill. "Porce-Tite"  
 Reardon (The) Co., St. Louis, Mo. "Bondex"  
 Reifschneider Paint & Glass Co., Omaha, Neb.  
 Robinson Preservo Co., Port Huron, Mich.  
 St. Paul White Lead & Oil Co., St. Paul, Minn.  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo.  
 Sherwin-Williams Co., Cleveland, O.  
 Smooth-On Mfg. Co., 574 Communipaw Av., Jersey City, N. J.  
 Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y.  
 Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa.  
 Standard Varnish Wks., 2589 Richmond Terrace, Staten Island, N. Y.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
 Tamme Slices Co., 228 N. La Salle, Chicago, Ill. "Tamtex"  
 Tropical Paint & Oil Co., Cleveland, O.  
 Truscon Laboratories, Detroit, Mich.  
 U. S. Gutta Percha Paint Co., Providence, R. I.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Concrewatum"  
 Volzax Co., Bridgeport, Conn.  
 Wadsworth-Howland Co., Boston, Mass.  
 Western Elastite Roofing Co., Denver, Colo.  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested," "Floorshine"  
 Wilhelm (A.) Co., Reading, Pa.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**PAINTS, Coach—See Paints, Automobile, Carriage, Coach, Etc.**  
**PAINTS, Concrete—See Paints, Cement, Concrete, Brick, Etc.**

**PAINTS, Copper**

Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 King Paint Mfg. Co., 449 Kent Av., Bklyn, N. Y.  
 Lucas (John) & Co., Inc., Phila., Pa.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa.  
 Sherwin-Williams Co., Cleveland, O.  
 Truscon Laboratories, Detroit, Mich.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**PAINTS, Dehorning**

Antiseptic Products Co., Denver, Colo. "Anchor"

**PAINTS, Disinfecting**

Carbola Chemical Co., Natural Bridge, N. Y.  
 Truscon Laboratories, Detroit, Mich.

**PAINTS, Floor**

Adams & Elting Co., Chicago, Ill.  
 Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.  
 Arco Co., Cleveland, O.  
 Arto Mfg. Co., Roberts Av. & Stokley, Phila., Pa. "Floor-Glo"  
 Boston Varnish Co., Boston, Mass. "Kyanize"  
 Bradley & Vrooman Co., 2629 S. Dearborn, Chicago, Ill. "Perma-Lac"  
 Burdall (A.) Co., Indianapolis, Ind.  
 Carpenter Morton Co., Boston, Mass. "Carmote"  
 Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
 Continental Products Co., Euclid, O.  
 Denny, Hilborn & Rosenbach, Phila., Pa.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 Ebersohn-Lindsay Paint Co., St. Louis, Mo.  
 Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill.  
 Farwell, Ozmun, Kirk & Co., St. Paul, Minn. "Gilt-Edge," "Northern"  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's," "Trueneas"  
 Gates (J. M.) Sons Co., Charleston, W. Va.  
 Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Gillespie"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Florenamel," "Pli-Namel"  
 Goheen Corp. of N. J., 46 Albert Av., Newark, N. J. "Rockote"  
 Hampden Paint & Chemical Co., Springfield, Mass.  
 Hanline Bros., Baltimore, Md.  
 Hilo Varnish Corp., 42 Stewart Av., Bklyn, N. Y. "Speed-Up"  
 Johnson (Oliver) & Co., Inc., Providence, R. I. "Ojaco"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston"  
 Keystone Varnish Co., 71 Otsego, B'klyn, N. Y.  
 King (E. & F.) & Co., Inc., Boston, Mass. "Efko"  
 Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
 Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"  
 Lincoln Paint & Color Co., Lincoln, Neb.  
 Lowe Bros. Co., Dayton, O.  
 Lucas (John) & Co., Inc., Phila., Pa. "Floor-Life"  
 McQuade (John) & Co., Inc., 134 Classon Av., Bklyn, N. Y. "McQuade's"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill. "Senour's," "Tough Coat"  
 Martin Varnish Co., Chicago, Ill. "Amber-Lyte"  
 Mathews Paint Co., Los Angeles, Cal.  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Wearite"  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
 Mount City Paint & Color Co., St. Louis, Mo. "Horsehoe"  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 Nice (Eugene E.) Co., Phila., Pa.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo," "Rugby"  
 Patterson-Sargent Co., Cleveland, O. "B. P. S."  
 Payson Paint & Varnish Corp., 804 E. 141st, New York, N. Y. "Nu Deal," "Port Morris," "Payson's"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y. "Knickerbocker"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Florhide," "Porhide"  
 Reifschneider Paint & Glass Co., Omaha, Neb.  
 St. Louis Surfactant & Paint Co., St. Louis, Mo.  
 Sanolin Co., Inc., 229 E. 42nd, New York, N. Y. "Speed Enamel"  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"

Sherwin-Williams Co., Cleveland, O.  
 Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y.  
 Southwestern Paint & Varnish Co., Kansas City, Mo.  
 Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
 Truscon Laboratories, Detroit, Mich.  
 U. S. Gutta Percha Paint Co., Providence, R. I.  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Valspar"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Rockote"  
 Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "Star"  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested," "Old Painter"  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**PAINTS, Galvanized Iron**

Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Glidite"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston"  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Merzin"  
 Pecora Paint Co., Lawrence & Venango, Phila., Pa.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Galvanum"

**PAINTS, Graphite**

Acme White Lead & Color Wks., Detroit, Mich.  
 Arco Co., Cleveland, O.  
 Ashland Paint Co., Huntington, W. Va. "Apeco"  
 Becker-Moore Paint Co., St. Louis, Mo.  
 Black Diamond Paint & Varnish Wks., Cincinnati, O. "Watertite"  
 Buckeye Paint & Varnish Co., Toledo, O.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Cambria Paint & Color Co., Johnstown, Pa.  
 Cheesman-Elliott Co., 641 Kent Av., B'klyn, N. Y.  
 Columbia Refining Co., 44 Av. & 23rd, Long Island City, N. Y.  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y.  
 Continental Products Co., Euclid, O.  
 De Soto Paint & Varnish Co., Memphis, Tenn.  
 Detroit Graphite Co., Detroit, Mich.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Dixon (Joseph) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "DuPont"  
 Ebersohn-Lindsay Paint Co., St. Louis, Mo.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 Hampden Paint & Chemical Co., Springfield, Mass.  
 Jamestown Paint & Varnish Co., Jamestown, Pa.  
 Jamestown Wood Finishing Co., Jamestown, N. Y.  
 King (E. & F.) & Co., Inc., Boston, Mass. "Breer's"  
 Lincoln Paint & Color Co., Lincoln, Neb.  
 Lowe Bros. Co., Dayton, O.  
 Lucas (John) & Co., Phila., Pa.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Mathews Paint Co., Los Angeles, Cal.  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y.  
 Miller & Graham, Baltimore, Md.  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
 National Mfg. Corp., Tonawanda, N. Y.  
 Nice (Eugene E.) Co., Phila., Pa.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Pittsburgh," "Plasco"  
 Riesenman Mfg. Co., Franklin, Pa.  
 St. Louis Surfactant & Paint Co., St. Louis, Mo.  
 St. Paul White Lead & Oil Co., St. Paul, Minn.  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sherwin-Williams Co., Cleveland, O.  
 Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y.  
 Superior Flake Graphite Co., 33 S. Clark, Chicago, Ill. "Superflake"  
 Suydam (M. B.) Co., Pittsburgh, Pa.  
 United States Graphite Co., Saginaw, Mich.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Victor Paint Mfg. Co., East St. Louis, Ill.  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"  
 Wilhelm (A.) Co., Reading, Pa.

**PAINTS, Luminous**

Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Strobilit Co., 35 W. 52nd, New York, N. Y.

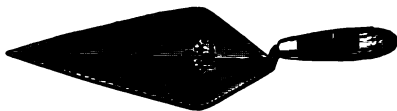
**PAINTS, Marine**

Adams & Elting Co., Chicago, Ill.  
 Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.  
 Allentown Paint Mfg. Co., Allentown, Pa.  
 American Chemical Paint Co., North Ambler, Pa.

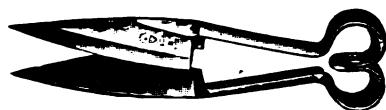
# QUALITY... from Abroad

WM. HUNT & SONS, THE BRADES, LTD.

"WHS"  
English  
Brick Trowels



BURGON & BALL, LTD. ENGLISH SHEEP SHEARS



"BBA" "BBN"  
"GIDGEE"

Wilkinson Sheep  
Hedge, Lawn &  
Border Shears

ROBERT SORBY & SONS, LTD.  
ENGLISH RIVETED BACK GRASS SCYTHES

Genuine T. WALDRON ENGLISH SCYTHES



CLARKE & BROS.

Riveted Back & Solid Back Grass Hooks

HILL BROS. Grain and Rice Sickles

PETER WRIGHT & SONS

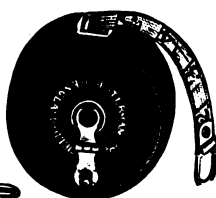
Solid Wrought  
Blacksmith  
Anvils



PETER  
WRIGHT  
PATENT  
SOLID  
WROUGHT

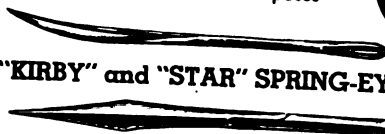
JAMES CHESTERMAN & CO., LTD., Sheffield, England

Metallic, Linen and Steel Measuring  
Tapes. Steel Rules, Land  
Chains, Gauges, Micrometers, Etc.



JOHN JAMES & SONS

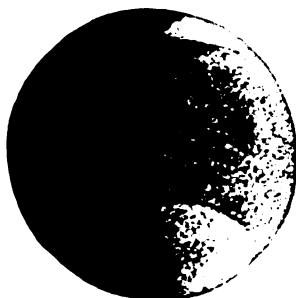
Needles for Industrial Purposes



"KIRBY" and "STAR" SPRING-EYED Packing Needles  
with Cutter

GEORGE SPENCER,  
MOULTON & CO., LTD.

English Tennis Balls  
"SM LTA Official"  
- "Service"



Also Genuine REDTENBACHER "SWAN" BRAND  
Austrian Scythes & Grass Hooks

Sales Agents

JOHN H. GRAHAM & CO. Inc.  
107 DUANE STREET  
NEW YORK  
565 W. WASHINGTON ST., CHICAGO, ILL.



## NORTON DOOR CLOSER

### FOR ALL TYPES OF DOORS

Only Norton offers such important features as the use of mineral oil for checking and lubrication, a new packing nut that is absolutely guaranteed against leakage, and the Norton Rack and Pinion principle which holds the door under absolute control every inch of the closing arc.

Norton Door Closers are made in six different sizes. Under normal conditions, where no excessive draft exists, the following may be used as a guide to the correct size:

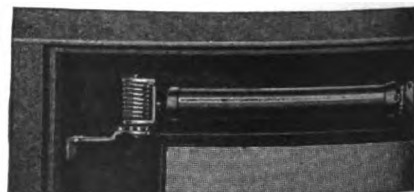
Size A—Ordinary screen doors or light interior doors 2' 6"x6' 6"x1 1/4" or smaller	\$8.65
Size B—Heavy screen doors 3'x7'x1 1/4" and light interior doors 2'8"x7'x1 1/4"	\$11.00
Size C—Corridor or office doors 3'x7'x1 1/4" and light exterior doors 2'6"x7'x1 1/4"	\$13.35
Size D—Exterior doors 3'x7'x2 1/4" and heavy interior doors 4'x7'x2 1/4"	\$16.00
Size E—Heavy exterior doors 3' 6"x7' 6"x2 1/4" and heavy interior doors subject to strong drafts	\$21.35
Size F—Extra heavy entrance doors or doors of unusual height or width	\$26.65

### ● List Prices Subject to Discounts

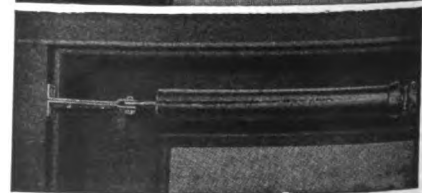
Other type Norton Door Closers: telephone booth, coupon booth, fire door (fusible link) and sliding gate closers. Also a complete selection of holder arms and brackets.

## NORTON SCREEN DOOR CLOSERS

No. 4 — Norton highest quality screen door closer. Installed on either side of the door. Retail at \$2.00.



No. 04—This lower priced model carries a fine reputation for excellent service. Installed opposite the hinge side. Retail at \$1.25.



WRITE FOR THE NORTON CATALOG

NORTON DOOR CLOSER COMPANY

Division of The Yale & Towne Mfg. Company

2900 N. WESTERN AVE.

CHICAGO, ILLINOIS

Mention Hardware Age When Writing



## PAINTS, Marine (Continued)

American Marine Paint Co., San Francisco, Cal.  
 Arco Co., Cleveland, O.  
 Ault & Wiborg Varnish Wks., Inc., Cincinnati, O.  
 Baer Bros. Co., 438 W. 87th, New York, N. Y.  
 Baltimore Copper Paint Co., Baltimore, Md.  
 Bradley & Vrooman Co., 2629 S. Dearborn, Chicago, Ill.  
 Buckeye Paint & Varnish Co., Toledo, O.  
 Cambria Paint & Color Co., Johnstown, Pa.  
 Cheesman-Elliott Co., Inc., 641 Kent Av., Bklyn., N. Y.  
 Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
 Cook Paint & Varnish Co., North Kansas City, Mo.  
 Denny, Hilborn & Rosenbach, Inc., Phila., Pa.  
 De Soto Paint & Varnish Co., Memphis, Tenn.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "DuPont"  
 Ebersohn-Lindsey Paint Co., St. Louis, Mo.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O.  
 "Em-Var-Co"  
 Ferbert-Schorndorfer Co., Cleveland, O.  
 Gillespie Varnish Co., 131 Dey, Jersey City, N. J.  
 "Bulldog"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 Goheen Corp. of New Jersey, 46 Albert, Newark, N. J.  
 Heath & Milligan Mfg. Co., Chicago, Ill.  
 Horn (A. C.) Co., Long Island City, N. Y.  
 International Paint Co., 21 West, New York, N. Y.  
 King (E. & F.) & Co., Inc., Boston, Mass. "Efko"  
 Kirby (Geo. Jr.) Paint Co., New Bedford, Mass.  
 Kuehne, Inc., Phila., Pa.  
 Lowe Bros. Co., Dayton, O.  
 Lucas (John) & Co., Phila., Pa.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Martin Varnish Co., Chicago, Ill. "Amber-Lyte"  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y.  
 Mount City Paint & Color Co., St. Louis, Mo.  
 "Horsehoe"  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa.  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sherwin-Williams Co., Cleveland, O.  
 Sipe (Jas. B.) & Co., Inc., Pittsburgh, Pa.  
 Standard Varnish Wks., 2589 Richmond Terrace, Staten Island, N. Y.  
 Tropical Paint & Oil Co., Cleveland, O.  
 Truscon Laboratories, Detroit, Mich.  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y.  
 "Valpar"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"  
 Wilhelm (A.) Co., Reading, Pa.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

## PAINTS, Marking, Solidified

Helmer-Staley, Inc., 325 W. Huron, Chicago, Ill.  
 "Paintcil"

## PAINTS, Metal Coating

Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
 Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill.  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Nor-A-Rust"  
 Keystone Varnish Co., 71 Otsego, B'klyn., N. Y.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 "Metal-Cote"  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Paragon Paint & Varnish Co., 5-49-46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Tropical Paint & Oil Co., Cleveland, O.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 "Carbonizing Coating," "Galvanum"

## PAINTS, Mill White

Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich. "Alba-Lite"  
 Arco Co., Cleveland, O.  
 Black Diamond Paint & Varnish Wks., Cincinnati, O. "Waterlite"  
 Briggs-Maroney Co., Everett, Mass. "Reflex"  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y.  
 Cook Paint & Varnish Co., North Kansas City, Mo.  
 DeSoto Co., 968 Grand, B'klyn., N. Y.  
 Denny, Hilborn & Rosenbach, Phila., Pa.  
 De Soto Paint & Varnish Co., Memphis, Tenn.  
 Detroit Graphite Co., Detroit, Mich.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Dulux"

Foy Paint Co., Inc., Cincinnati (Norwood), O.

"Foy's"  
 French (Samuel H.) & Co., Inc., Phila., Pa.  
 Gagnier Paint Co., Detroit, Mich.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Spray-Day-Lite"  
 Goheen Corp. of N. J., 46 Albert Av., Newark, N. J.  
 "Briterol"  
 Johnson (Oliver) & Co., Inc., Providence, R. I.  
 "Ojaco"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston"  
 Keystone Varnish Co., 71 Otsego, B'klyn., N. Y.  
 "Reflexalite"  
 King (E. & F.) & Co., Inc., Boston, Mass. "King Cote"  
 Lowe Bros. Co., Dayton, O.  
 McQuade (John) & Co., Inc., 134 Classon Av., Bklyn., N. Y. "McQuade's"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Masury (J. W.) & Son, 50 Jay, B'klyn., N. Y.  
 Mathews Paint Co., Los Angeles, Cal.  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Britelite"  
 Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Dureo," "Indelible," "King's," "Mural-Tone," "Salamander," "Semex"  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 National Mfg. Corp., Tonawanda, N. Y.  
 Nice (Eugene E.) Co., Phila., Pa.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
 Paragon Paint & Varnish Co., 5-49-46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
 Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa. "Rhino"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Alba-Lux"  
 Reardon (The) Co., St. Louis, Mo. "Luminite," "Modex"  
 St. Louis Surfer & Paint Co., St. Louis, Mo.  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
 Sherwin-Williams Co., Cleveland, O.  
 Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y.  
 Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa. "Fluid Light"  
 Stanley Chemical Co., East Berlin, Conn.  
 Tammis Silica Co., 228 N. La Salle, Chicago, Ill. "Inso-Wite," "Outso-Lite"  
 Truscon Laboratories, Detroit, Mich.  
 U. S. Gutta Percha Paint Co., Providence, R. I.  
 "Barreled Sunlight"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 "Briterol"  
 Voltax Co., Bridgeport, Conn.  
 Vortex Mfg. Co., Cleveland, O.  
 Wildsworth-Howland Co., Boston, Mass.  
 Wilhelm (A.) Co., Reading, Pa.

## PAINTS, Plastic

(See also Paints, Texture)

Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich. "Alabastex"  
 Cheesman-Elliott Co., Inc., 641 Kent Av., Bklyn., N. Y.  
 Denny, Hilborn & Rosenbach, Inc., 12th & Vine, Phila., Pa.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Fas-Tex Paint Co., Inc., 4041 Fenkell Av., Detroit, Mich.  
 Fox (M. Ewing) Co., Inc., 240 E. 136th, New York, N. Y.  
 King Paint Mfg. Co., 449 Kent Av., Bklyn., N. Y.  
 Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Mertex"

Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Hi-Tex," "Mural-Tex," "Tex-It," "X X X"  
 Northern Products Corp., 130 W. 42nd, New York, N. Y. "Cedacote"  
 Reardon (The) Co., St. Louis, Mo. "Plastex," "Vintex"  
 Jamma Silica Co., 228 N. La Salle, Chicago, Ill. "Silatex"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "Permatex"  
**PAINTS, Prepared—See Paints, Ready Mixed**  
**PAINTS, Radium—See Paints, Luminous or Phosphorescent**

## PAINTS, Ready Mixed

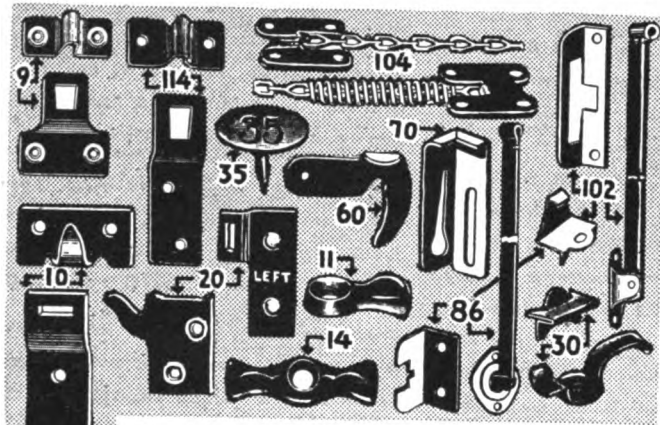
Acme White Lead & Color Wks., Detroit, Mich.  
 Adams & Elting Co., Chicago, Ill.  
 Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich. "Alabastine"  
 Allentown Paint Mfg. Co., Allentown, Pa.  
 Alston-Lucas Paint Co., Chicago, Ill.  
 Arlington Paint & Varnish Co., Wooster, O.  
 Arnesto Paint Co., Inc., 550 W. 46th, New York, N. Y.  
 Arto Mfg. Co., Roberts Av. & Stokley, Phila., Pa. "Art-Glo"  
 Berry Bros., Detroit, Mich. "Berrycraft"  
 Black Diamond Paint & Varnish Wks., Cincinnati, O. "Waterlite"  
 Boston Varnish Co., Boston, Mass. "Kyanize," "Kybrun," "Kygron"  
 Bowmes (Frank) Co., Chelsea, Mass. "Craftmaster," "Modene"  
 Boydell Bros. White Lead & Color Co., Detroit, Mich.  
 Bradley & Vrooman Co., 2629 S. Dearborn, Chicago, Ill.  
 Breinig Bros., 3d & Grand, Hoboken, N. J.  
 Briggs, Maroney Co., Everett, Mass. "Shawmut"  
 Buckeye Paint & Varnish Co., Toledo, O.  
 Burdall (A.) Co., Capitol Av. & Ga., Indianapolis, Ind.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Cambria Paint & Color Co., Johnstown, Pa.  
 Carpenter-Morton Co., Boston, Mass. "Carmote"  
 Cheesman-Elliott Co., 641 Kent Av., B'klyn., N. Y.  
 Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
 Chipman Chemical Co., Inc., Bound Brook, N. J.  
 Colonial Wks., 233 Norman Av., B'klyn., N. Y.  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y. "American Seal"  
 Continental Products Co., Euclid, O.  
 Davis (H. B.) Co., Baltimore, Md.  
 Denny, Hilborn & Rosenbach, Phila., Pa.  
 De Soto Paint & Varnish Co., Memphis, Tenn.  
 Detroit Graphite Co., Detroit, Mich.  
 Detroit White Lead Wks., Detroit, Mich.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Duco," "Dulux," "DuPont"  
 Ebersohn-Lindsey Paint Co., St. Louis, Mo.  
 Elaterite Paint & Mfg. Co., Des Moines, Ia.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O.  
 "Em-Var-Co"  
 Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill.  
 Farwell, Oxmun, Kirk & Co., St. Paul, Minn. "Gilt-Edge," "Northern"  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O.  
 "Foy's"  
 Gagnier Paint Co., Detroit, Mich.  
 Gates (J. M.) Sons Co., Charleston, W. Va.  
 Gillespie Varnish Co., 131 Dey, Jersey City, N. J.  
 "Gillespie"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Endurance," "Handy Home," "Titan-O-Zinc," "Zinc-O-Lith"  
 Hampden Paint & Chemical Co., Springfield, Mass.  
 Hanline Bros., Baltimore, Md.  
 Hanna Paint Mfg. Co., Columbus, O.  
 Heath & Milligan Mfg. Co., Chicago, Ill.  
 Hilo Varnish Corp., 42 Stewart Av., Bklyn., N. Y.  
 "Hilo"  
 Indianapolis Paint & Color Co., Indianapolis, Ind. "Capital City"  
 Jamestown Paint & Varnish Co., Jamestown, Pa.  
 Jamestown Wood Finishing Co., Jamestown, N. Y.  
 Johnson (Oliver) & Co., Inc., Providence, R. I.  
 "Ojaco"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O.  
 Keystone Varnish Co., 71 Otsego, B'klyn., N. Y.  
 King (E. & F.) & Co., Inc., Boston, Mass. "Efko"  
 King Paint Mfg. Co., 449 Kent Av., B'klyn., N. Y.  
 Kurpees (J. F.) Paint Co., Louisville, Ky.  
 Lancaster Paint & Glass Co., Lancaster, Pa.  
 Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
 Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"  
 Lincoln Paint & Color Co., Lincoln, Neb.  
 Lowe Bros. Co., Dayton, O.  
 Lucas (John) & Co., Phila., Pa.  
 McDougall-Butler Co., Buffalo, N. Y.  
 McGlone Varnish Co., Revere, Mass.  
 McMurry Mfg. Co., Denver, Col.  
 McNamara Paint Products Co., Inc., 3103 Beaubien, Detroit, Mich.  
 McQuade (John) & Co., Inc., 134 Classon Av., Bklyn., N. Y. "McQuade's"  
 Marietta Paint & Color Co., Marietta, O.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Martin Varnish Co., Chicago, Ill. "Amber-Lyte"

# Phenix Combination Doors, Screen and Storm Sash with allied hardware

one big complete *profitable* line that covers every price range

You can depend on Phenix for everything you need in combination doors, storm sash, screens—with a full line of hangers and fasteners for every installation. Leading hardware men everywhere—men who are alert to the value of a line broad enough to meet every requirement—

are increasing their business with these fast-moving items that satisfy every type of customer. A fine, modern plant—with 45 years of specialized experience—is organized to give you quick service. Write today for your copy of the Phenix catalog.



No. 9. Screen Hanger  
No. 10. Hangers for regular flush casing  
No. 114. Hangers for full length screen and sash  
No. 20. Corner or side hanger for storm sash or screen

No. 14. Full Storm Button  
No. 11. Half Storm Button  
No. 104. Door Chain with compression spring

No. 60. Flush Fastener for porches

No. 70. Corner Fastener for porches

No. 102. Fastener or adjuster for storm sash

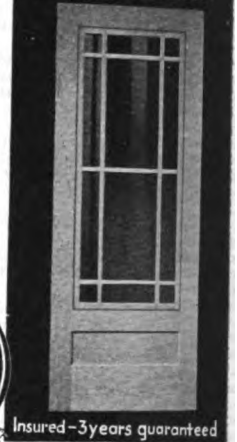
No. 86. Center sill fastener for screen or sash

No. 30. Inside fastener for screen

No. 35. Brass Numeral Nails

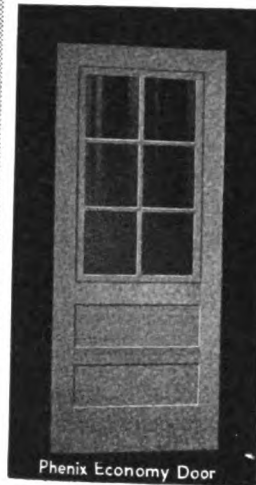
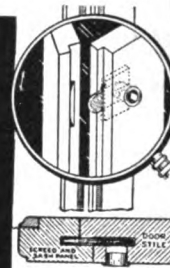


Phenix Deluxe Door



Insured—3 years guaranteed

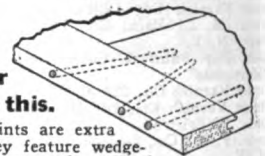
Phenix Insert Fastener No. 71  
Standard on all doors. Securely locks sections on inside with one turn of screw driver. Simple, absolutely non-rattling.



All Phenix Mill Work Products Union Made

The only stock door built like this.

Phenix joints are extra strong. They feature wedge-lock dowel construction. Hardwood dowel pins, hammer driven in water-proof glue, form a perfect wedge-lock at every corner. The frame can not open up at the joint or sag.



**PHENIX MANUFACTURING CO.**  
2684 North Humboldt Blvd. Milwaukee, Wisconsin

## —A PROFITABLE LINE for Dealers

—at the  
**New Low Price**



**\$300**

Genuine  
**BROWN & SHARPE  
HAIR CLIPPERS**

—The Choice of Professional Users

Write for catalog—Brown & Sharpe Mfg. Co., Providence, R. I.

Mention Hardware Age When Writing

**PAINTS, Ready Mixed (Continued)**

Masury (J. W.) & Son, 50 Jay, B'klyn, N. Y.  
Mathews Paint Co., Los Angeles, Cal.  
Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Half Moon"  
Metropolitan Paint & Varnish Co., 322 Race, Phila., Pa. "Defender"  
Monard Paint & Varnish Co., Phila., Pa. "Atco," "Monard"  
Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
Mosser (Charles) Co., Cincinnati, O.  
Mound City Paint & Color Co., St. Louis, Mo. "Horsehoe"  
Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
National Mfg. Corp., Tonawanda, N. Y.  
Nevin (T. H.) Co., Pittsburgh, Pa.  
Nu-Enamel Corp., 8709 Kinsman Ave., Cleveland, O.  
O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's," "Soy-Paint"  
Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
Patek Bros., Inc., 216 N. Water, Milwaukee, Wis.  
Patterson-Sargent Co., Cleveland, O. "E. P. S."  
Payson Paint & Varnish Corp., 804 E. 141st, New York, N. Y. "Payson's"  
Peaslee-Gaulbert Co., Inc., Louisville, Ky.  
Peninsular Paint & Varnish Co., Detroit, Mich.  
Phonix Paint & Varnish Co., Phila., Pa.  
Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y. "Agate," "Hygekote," "Perfect," "Satinex," "Tiffany"  
Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
Pioneer Mfg. Co., Cleveland, O.  
Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Ivoroid," "Plasco"  
Pratt & Lambert, Inc., 75 Tonawanda, Buffalo, N. Y.  
Reeder (Oliver) & Son, Baltimore, Md.  
Reifschneider Paint & Glass Co., Omaha, Neb.  
Sargent-Gerke Co., Indianapolis, Ind., "Sar-Toner," "Valva-Tex"  
St. Paul White Lead & Oil Co., St. Paul, Minn.  
Sapolin Co., Inc., 229 E. 42nd, New York, N. Y. "Celolite"  
Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
Sherwin-Williams Co., Cleveland, O.  
Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y.  
Southwestern Paint & Varnish Co., Kansas City, Mo.  
Sprance (Gilbert) Co., Richmond & Tioga, Phila., Pa.  
Stanley Chemical Co., East Berlin, Conn.  
Steelco Mfg. Co., 8418 Gratiot, St. Louis, Mo.  
Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
Thomas (A. H.) Paint Co., Waverly, N. Y.  
Tropical Paint & Oil Co., Cleveland, O.  
Truscon Laboratories, Detroit, Mich.  
United States Gutta Percha Paint Co., Providence, R. I.  
Vancraft Wks., Pottstown, Pa.  
Victor Paint Mfg. Co., East St. Louis, Ill.  
Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Old Honey"  
Volax Co., Bridgeport, Conn.  
Wadsworth-Howland Co., Boston, Mass.  
Watson (John R.) Paint Co., 3183 Beaubien, Detroit, Mich. "Ideal"  
Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "Star"  
Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested," "Easy Coat," "Old Painter"  
Wetherill (G. D.) & Co., Phila., Pa.  
Wilbur & Williams Mfg. Co., 429 Park Sq. Bldg., Boston, Mass. "Bondlite"  
Woolley (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.  
Zinsser (Wm.) & Co., 516 W. 59th, New York, N. Y.

**PAINTS, Roof**

Acme White Lead & Color Wks., Detroit, Mich.  
Alcatraz Co., Richmond, Va.  
Arco Co., Cleveland, O.  
Armstrong Paint & Varnish Wks., 1318 S. Kilbourn Av., Chicago, Ill. "Armello," "Armorte," "Arm-Seal," "Boss Painter," "Every-Use," "Kilbourn," "Pawnee"  
Arto Mfg. Co., Roberts Av. & Stokley, Phila., Pa.  
Ashland Paint Co., Huntington, W. Va. "Apco Red Oxide," "Black Mammy"  
Barrett Co., 40 Rector, New York, N. Y. "Elastigum," "Everjet"  
Berkheimer (J. E.) Mfg. Co., Tacoma, Wash. "Bermadino"  
Bestosol Co., 1451 B'way, New York, N. Y. "Bestosol"  
Bradford (James) Co., Wilmington, Del.  
Breinig Bros., 84 & Grand Sts., Hoboken, N. J.  
Buckeye Paint & Varnish Co., Toledo, O.  
Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa. "Shower-Proof," "Tin-O-Lin"  
Cambria Paint & Color Co., Johnstown, Pa.  
Carter (Phillip) Co. (Lockland), Cincinnati, O.  
Carter Paint Co., Liberty, Ind. "Liberty"  
Chemical Supply Co., 2450 Canal Rd., Cleveland, O.  
Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
Clinton Metallic Paint Co., Clinton, N. Y.  
Con-Ferro Paint & Varnish Co., St. Louis, Mo.  
Connors (Wm.) Paint Mfg. Co., Troy, N. Y.  
Continental Products Co., Euclid, O.  
De Mott & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.

Devoe & Raynolds Co., Inc., 1 W. 47th, New York, N. Y.  
Dixon (Joseph) Crucible Co., Jersey City, N. J.  
DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
Durbon Paint Co., Nashville, Tenn.  
Ebersson-Lindsley Paint Co., St. Louis, Mo.  
Elliott Varnish Co., Chicago, Ill.  
Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill.  
Farwell, Osmun, Kirk & Co., St. Paul, Minn. "Gilt-Edge," "Northern"  
Flintkote Co., 50 W 50th, New York, N. Y.  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Forster Paint & Mfg. Co., Winona, Minn.  
Foster (Benjamin) Co., Inc., 20th & Erie Av., Phila., Pa. "I. B. M."  
Foy Paint Co., Inc., Cincinnati (Norwood), O.  
"Columbian," "Foy's," "Trueness"  
Gates (J. M.) Sons Co., Charleston, W. Va.  
Gillespie Varnish Co., 181 Dey, Jersey City, N. J. "Gillespie"  
Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Endurance," "Weathercote"  
Hampten Paint & Chemical Co., Springfield, Mass.  
Hanline Bros., Baltimore, Md.  
Hanna Paint Mfg. Co., Columbus, O.  
Heath & Milligan Mfg., Chicago, Ill.  
Howell (C. H.) & Co., Phila., Pa.  
Indiana Indestructible Paint Co., Chicago, Ill.  
Jamestown Paint & Varnish Co., Jamestown, Pa.  
Jamestown Wood Finishing Co., Jamestown, N. Y.  
Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Graphide," "Mammoth," "Turkey Red"  
Jones Paint Co., Rome, N. Y.  
King (E. & F.) & Co., Inc., Boston, Mass. "Breer's"  
Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
Lincoln Paint & Color Co., Lincoln, Neb.  
Loew (Jos.) Co., 153 Delancy, Newark, N. J.  
Lowe Bros. Co., Dayton, O.  
Lucas (John) & Co., Phila., Pa.  
Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Perfectseal"  
Miller & Graham, Baltimore, Md.  
Minwax Co., Inc., 11 W. 42nd, New York, N. Y.  
Mound City Paint & Color Co., St. Louis, Mo. "Horse Shoe"  
National Mfg. Corp., Tonawanda, N. Y.  
Nevin (T. H.) Co., Pittsburgh, Pa.  
O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
Patterson-Sargent Co., Cleveland, O.  
Peninsular Paint & Varnish Co., Detroit, Mich. "Carbo Fibre Kote," "Carbo Kote"  
Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Patton's Sun-Proof," "Pittsburgh"  
Pressette Engineering Co., 3900 Chouteau Av., St. Louis, Mo.  
Robeson Preserve Co., Port Huron, Mich. "Robecote"  
Rohrhold Co., 500 Fifth Av., New York, N. Y. "Ruberine"  
Rutland Fire Clay Co., Rutland, Vt. "No-Tar-In," "Rutland"  
St. Paul White Lead & Oil Co., St. Paul, Minn.  
Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
Sherwin-Williams Co., Cleveland, O.  
Snydam (M. B.) Co., Pittsburgh, Pa.  
Sonneborn (L.) Sons, Inc., 88 Lexington Av., New York, N. Y.  
Standard Asphalt Products Co., Inc., 822 Main, Louisville, Ky.  
Thomas (A. H.) Paint Co., Waverly, N. Y.  
Tropical Paint & Oil Co., Cleveland, O.  
Truscon Laboratories, Detroit, Mich.  
U. S. Gutta Percha Paint Co., Providence, R. I.  
United States Refining Co., 1271 W. 11th, Cleveland, O.  
Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Valspar"  
Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
Wadsworth-Howland Co., Boston, Mass.  
Western Elatrite Roofing Co., Denver, Col.  
Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"  
Woolley (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.  
Wooster Sealcoke Co., Wooster, O.

**PAINTS, Screen**

Boston Varnish Co., Boston, Mass. "Kyanize"  
Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
Devoe & Raynolds Co., Inc., 1 W. 47th, New York, N. Y.  
DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Jap-A-Lac"  
Hanline Bros., Baltimore, Md.  
Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston"

Lowe Bros. Co., Dayton, O.  
McDougall-Butler Co., Buffalo, N. Y.  
McQuade (John) & Co., Inc., 134 Clason Av., Bklyn, N. Y. "McQuade's"  
Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y.  
Mound City Paint & Color Co., St. Louis, Mo. "Horse Shoe"  
O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Schuffl"  
Premier Chemical Co., Cleveland, O. "Norbo"  
Reifschneider Paint & Glass Co., Omaha, Neb.  
Sapolin Co., Inc., 229 E. 42d, New York, N. Y. "Speed Enamel"  
Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O.  
Sherwin-Williams Co., Cleveland, O.  
Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Valspar"  
Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"  
Woolley (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**PAINTS, Screen, Sound, Cinema**

Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Acoustical Krakno"  
Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Muralo"

**PAINTS, Soy Bean Oil**

Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Soyalastic"  
O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind.

**PAINTS, Stainless**

Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
Felton-Sibley & Co., 136 N. 4th, Phila., Pa.

**PAINTS, Texture**

(See also Paints, Plastic)  
Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich. "Alabastex"  
Atlantic Paint Mfg. Co., 100 Boylston, Boston, Mass. "Armortex," "Coronatex," "Cosmo-Tex"  
Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Mertex"  
Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Hi-Tex," "Marvel-Tex," "Mural-Tex," "Tex-It," "X X X"  
Reardon (The) Co., St. Louis, Mo. "Plastex," "Vintex"  
Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "Permatex"  
Wilbur & Williams Mfg. Co., 429 Park Sq. Bldg., Boston, Mass. "Acetex," "Ritex," "Weldtex"

**PAINTS, Tree, Antiseptic**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
Hammond Paint & Chemical Co., Beacon, N. Y. "Hammond's"

**PAINTS, Tung Oil**

Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind.

**PAINTS, Wall**

(See also Kalsomine and Coatings, Wall)  
Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.  
American Asphalt Paint Co., 43 E. Ohio, Chicago, Ill. "Valdura"  
Armstrong Paint & Varnish Wks., 1318 S. Kilbourn Av., Chicago, Ill. "Armello," "Armorte," "Arm-Seal," "Boss Painter," "Every-Use," "Kilbourn," "Pawnee"  
Arto Mfg. Co., Roberts Av. & Stokley, Phila., Pa.  
Berry Bros., Detroit, Mich. "Berrycraft"  
Black Diamond Paint & Varnish Wks., Cincinnati, O. "Watertite"  
Boston Varnish Co., Boston, Mass. "Kyanize"  
Bownes (Frank) Co., Chelsea, Mass. "Craftmaster," "Modene"  
Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
Campbell Paint & Varnish Co., St. Louis, Mo.  
Carbola Chemical Co., Natural Bridge, N. Y. "Hylite"  
Carey (Phillip) Co. (Lockland), Cincinnati, O. "Percoproof"  
Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn. "Kitch-N-Tint"  
Continental Products Co., Euclid, O.  
Devoe & Raynolds Co., Inc., 1 W. 47th, New York, N. Y.



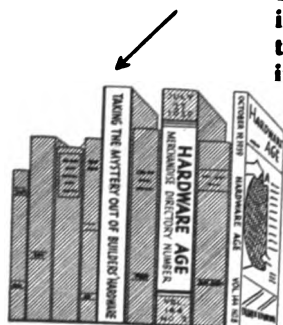
# NOW You Can KNOW Your BUILDERS' HARDWARE

Complete from A to IZZARD

A. H. BROWNELL'S HARDWARE AGE SERIES  
COMPLETE IN ONE VOLUME . . . A BIG  
\$3.00'S WORTH FOR YOU AND YOUR MEN.



**BELONGS  
in Your FILES**



There are about 10 ways a hardware man can use **HARDWARE AGE'S Builders Hardware Text Book** . . . You can keep it in your reference files for immediate, authoritative information . . . you can take it home at nights and study its Elementary, Intermediate or Advanced Courses . . . or you can give it to that smart, young clerk you are training to handle Builders' Hardware to study at home, to name three ways to use it.

A lot of so-called Text Books say they are complete, but when you get them you find important information missing. Here is a Text Book which is complete. It's written by a man who knows his subject backwards, forwards and sideways, selling and buying Builders' Hardware, who has the ability to tell what to do and what not to do in an interesting way . . . The comparative Charts on

Finishes; Door Butts, Jambes; Mortise Bit Key Locks and Latches; Trim for Mortise Locks; Surface Door Closers and many others are worth the price alone.

When the news got around that we were putting Hardware Age's "Taking the Mystery out of Builders' Hardware" articles in one fat volume . . . orders began coming in steadily for this complete study.

You need at least one copy of this Text Book, maybe more. Use the coupon below and have a copy where it will do you the most good and make you the most money, in your store. It's attractively printed, well illustrated to show to customers, and sturdily bound to last for years of heavy usage. Your copy is waiting.

**ALL THE REALLY IMPORTANT  
THINGS and MORE, in this VOLUME.**

A. H. BROWNELL  
Author



## READ THIS LIST OF CONTENTS

250 PAGES  
ELEMENTARY COURSE  
INTERMEDIATE COURSE  
ADVANCED COURSE  
WORKING BLUE PRINT  
9 COMPARATIVE CHARTS AND TABLES  
13 LARGE DETAILED DRAWINGS  
GLOSSARY OF BUILDERS' HARDWARE TERMS  
CROSS REFERENCE INDEX  
60 CHAPTERS

### Here are some of the chapters

Model Stock  
Butts and Hinges  
Locks  
Window Hardware  
Getting Builders' Hardware Prospects  
Scheduling, Marking and Servicing  
Hardware Finishes (Comparative Chart)  
Door Butts (Comparative Chart)  
Jamb—Floor and Checking—Floor Hinges (Comparative Chart)  
Mortise Bit Key Locks and Latches (Comparative Chart)  
Mortise Cylinder Locks and Latches (Comparative Chart)  
Trim for Mortise Locks (Comparative Chart)  
Lock Sets  
Schools of Design  
Window Hardware (Comparative Chart)  
Barn Hardware  
Surface Door Closers (Comparative Chart)  
Floor Hinges, Concealed Closers and Thresholds (Comparative Chart)  
Door Holders and Stop Devices  
Lavatory Hardware (Comparative Chart)  
Office Building and Apartment Hardware (Suggested Lists of Locks)  
School House Hardware (Suggested Lists of Locks)  
Hotel Hardware (Suggested Lists of Locks)  
Hospital Hardware (Suggested Lists of Locks)  
Federal Specifications  
Sample Rooms

J. HAROLD DUMBELL,  
Exec. Sec., National Contract  
Hardware Assoc., says:

"Personally I am looking forward to securing for my files a bound copy of the complete course when it is finished. It will be a handy book to have."



HARDWARE AGE  
100 East 42nd Street, New York, N. Y.

Gentlemen: Send me

TEXT BOOK at \$3 per copy.

Canadian & Foreign copies \$3.50.

☐ 1 copy (ies) of the BUILDERS' HARDWARE  
☐ Attached is my remittance.  
☐ Send me invoice with book.

NAME .....

FIRM NAME .....

ADDRESS .....

CITY .....

Mention Hardware Age When Writing

Digitized by Google

## PAINTS, Wall (Continued)

DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Duco," "Dulux," "DuPont"

Emerson-Lindley Paint Co., St. Louis, Mo.

Empire Varnish Co., 2638 E. 76th, Cleveland, O.

Em-Var-Co

Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill. "Satin-Glo," "Wal-Gloss"

Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.

Foy Paint Co., Inc., Cincinnati (Norwood), O.

"Foy's," "Poroussal," "Velva-Gloss," "Velva-Seal," "Velvatone"

Fox (M. Ewing) & Co., 240 E. 136th, New York, N. Y. "Muralite"

Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Gillespie," "Monarch"

Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Reflectolite," "Speedwall"

Hampton Paint & Chemical Co., Springfield, Mass.

Hanline Bros., Baltimore, Md.

Hilo Varnish Corp., 42 Stewart Av., Bklyn, N. Y.

"Compo"

Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Dull Kote," "Ivory Kote," "Nuwal Flat," "Nuwal Magic Gloss," "Prima-Sote"

Keystone Varnish Co., 71 Otsego, B'klyn, N. Y. "Keystone"

King (E. & F.) & Co., Inc., Boston, Mass. "Breer's"

Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"

Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"

Lincoln Paint & Color Co., Lincoln, Neb.

Lowe Bros. Co., Dayton, O. "High Gloss," "Mellor-Gloss," "Mellotone"

Lucas (John) & Co., Inc., 322 Race, Phila., Pa. "Durafilm"

McDougal-Butler Co., Buffalo, N. Y.

McNamara Paint Products Co., Inc., 3103 Beaubien, Detroit, Mich.

McQuade (John) & Co., Inc., 134 Classon Av., Bklyn, N. Y.

Martin-Senour Co., 2540 Quarry, Chicago, Ill. "Glostone," "Neu-Tone," "Tough Coat"

Martin Varnish Co., Chicago, Ill. "Amber-Lyte"

Merkin (M. J.) Paint Co., Inc., 1441 Bway, New York, N. Y. "Merctone," "Plasticote," "White Flash"

Monroe, Lederer & Taussig, Inc., 606 N. American, Phila., Pa. "Moleta"

Moore (Benj.) & Co., 511 Canal, New York, N. Y. "Sani-Flat"

Mound City Paint & Color Co., St. Louis, Mo. "Horsehoop"

Mural Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Mural-Tone"

Murphy Varnish Co., 224 McWhorter, Newark, N. J.

Nevin (T. H.) Co., Pittsburgh, Pa.

Nice (Eugene E.) Co., Phila., Pa.

O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "Liquid Velvet," "O'Brien's T.T.O."

O'Neill Duro Co., 2156 S. Fourth, Milwaukee, Wis. "Pat-O-Neil"

Parco Products, Inc., 19 W. 44th, New York, N. Y. "Partwall"

Paragon Paint & Varnish Co., 5-49-46th Av., Long Island City, N. Y.

Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"

Patterson-Sargent Co., Cleveland, O. "Pat-Co"

Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa. "Rhino"

Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y. "Hygekote," "Satinex," "Tiffany"

Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.

Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Plasco," "Wallhide"

Reichneider Paint & Glass Co., Omaha, Neb.

St. Louis Surfactant & Paint Co., St. Louis, Mo.

Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.

Sargent-Gerke Co., Indianapolis, Ind. "Sar-Toner," "Veiva-Tex"

Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"

Sherwin-Williams Co., Cleveland, O. "Flat-tone," "Semi-lustre"

Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa.

Standard Varnish Wks., 2589 Richmond Terrace, Staten Island, N. Y. "Flatline," "Klean Kote," "Wonder Kote"

Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.

Tamms Silica Co., 165 W. Wacker Drive, Chicago, Ill. "Kalo-Lite," "Lindex," "Sila-Tex," "Tam-Cote"

Towne Paint Co., Buffalo, N. Y. "To-Pac-Co"

Truscon Laboratories, Detroit, Mich.

Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.

Watson (John R.) Paint Co., 3103 Beaubien, Detroit, Mich.

Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "Kno Gloss," "Wall Glo"

Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested," "Old Painter," "Wall-shine"

Wilhelm (A.) Co., Reading, Pa.

Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

## PAINTS, Water

(See also Paints, Casein; also Kalsomine and Coatings, Wall)

Acme Asbestos Covering & Flooring Co., Chicago, Ill.

Adams & Eiting Co., Chicago, Ill.

Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich. "Alabas-Tone"

Ambassador Specialties, Inc., 6440 De Buel Av., Detroit, Mich. "Tebson"

Becker-Moore Paint Co., St. Louis, Mo.

Carbola Chemical Co., Natural Bridge, N. Y. "Hy-lite"

Connors (Wm.) Paint Mfg. Co., Troy, N. Y.

Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.

Farwell, Ozmun, Kirk & Co., St. Paul, Minn. "Gilt-Edge"

Fox (M. Ewing) Co., 240 E. 136th, New York, N. Y. "Factory White," "Permanite"

Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Ad-el-ite," "Reflectolite"

Hetzl (J. C.) Est. 67 Maine, Newark, N. J.

King (E. & F.) & Co., Inc., Boston, Mass. "Breer's"

Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"

Martin-Senour Co., 2540 Quarry, Chicago, Ill.

Mathews Paint Co., Los Angeles, Cal.

Moore (Benj.) & Co., 511 Canal, New York, N. Y. "Calson"

Mural Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Dureo," "Indelible," "King's," "Salamander," "Semex"

National Mfg. Corp., Tonawanda, N. Y.

Parco Products, Inc., 19 W. 44th, New York, N. Y. "Partwall"

Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.

Reardon (The) Co., St. Louis, Mo. "Alfresco," "Luminite," "Modex," "Reardon's Washable"

Rice (A. L.), Inc., Adams, N. Y. "Powderpaint"

Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"

Sherwin-Williams Co., Cleveland, O.

Tamms Silica Co., 228 N. La Salle, Chicago, Ill. "Inso-Wite," "Kalo-Lite," "Lindex," "Outso-Lite," "Stucco-Lite," "Tam-Cote," "Tamsco-Lite"

U. S. Kalsomine Co., 50 Church, New York, N. Y. "Fenolite"

Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.

Whittaker, Clark & Daniels, 250 Front, New York, N. Y.

Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

## PAINTS, Waterproof

Bestoscal Co., 1451 B'way, New York, N. Y. "Bestoseal"

Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.

DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.

Glidden Co., Madison Av. & Berea Rd., Cleveland, O.

Goheen Corp. of N. J., 46 Albert Av., Newark, N. J. "Concrewault"

Hydroseal Waterproofing Co., 829 N. 3rd, Phila., Pa.

King (E. & F.) & Co., Inc., Boston, Mass. "Breer's"

Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"

Lumino Co., Inc., 515 Madison Av., New York, N. Y. "Luminize"

Merkin (M. J.) Paint Co., Inc., 1441 Bway, New York, N. Y. "Aquaseal"

O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"

Paragon Paint & Varnish Co., 5-49-46th Av., Long Island City, N. Y.

Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"

Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.

Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.

Porce-Tite Products, Inc., 1001 W. 32nd, Chicago, Ill. "Porce-Tite"

Reardon (The) Co., St. Louis, Mo. "Bondex"

Robeson Preserve Co., Port Huron, Mich. "Preservo"

Sherwin-Williams Co., Cleveland, O.

Tamms Silica Co., 228 N. La Salle, Chicago, Ill. "Tamtex"

Truscon Laboratories, Detroit, Mich.

Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.

## PAINTS, Zone Marking

Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.

Cheesman-Elliott Co., Inc., 641 Kent Av., B'klyn, N. Y.

Debevoise Co., 968 Grand, B'klyn, N. Y.

DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.

Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Romark"

Ferbert & Schorndorffer Co., Cincinnati, O.

Foy Paint Co., Inc., Cincinnati (Norwood) O.

Hanline Bros., Baltimore, Md.

Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston"

Lowe Bros. Co., Dayton, O.

Martin-Senour Co., 2540 Quarry, Chicago, Ill.

Merkin (M. J.) Paint Co., Inc., 1441 Bway, New York, N. Y.

O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"

Paragon Paint & Varnish Co., 5-49-46th Av., Long Island City, N. Y.

Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"

Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.

Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa.

Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"

Tropical Paint & Oil Co., Cleveland, O.

Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.

Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

PAINTERS' CHISELS—See Chisels, Glaziers', Painters' etc.

PAINTERS' DUSTERS—See Dusters, Painters'

PAINTERS' HOOKS—See Hooks, Painters'

PAINTERS' SUPPLIES—See article desired

PAINTERS' TOOLS—See Tools, Painters' and Decorators'

PAINTING OUTFITS, Children's—See Outfits Painting, Children's

PALETTE KNIVES—See Knives, Artist

PANCAKE TURNERS—See Turners, Cake

PANEL SAWS—See Saws, Rip

PANIC DOOR BOLTS—See Bolts, Door, Panic

PAN CLEANING CHAINS—See Chains, Pot and Pan Cleaner

PANS, Baking—See kind desired under Pans

## PANS, Bed

Geuder, Paeschke & Frey Co., Milwaukee, Wis.

"Cream City"

United States Stamping Co., Moundsville, W. Va.

## PANS, Biscuit

Aluminum Products Co., La Grange, Ill. "Lifetime"

Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill. "Bake-King"

Geuder, Paeschke & Frey Co., Milwaukee, Wis.

"Cream City"

Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill. "Ekco," "Ovenex"

Landers, Frary & Clark, New Britain, Conn.

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

Snyder (Wm. J.) Co., Cleveland, O.

## PANS, Bread and Cake

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"

Aluminum Goods Mfg. Co., Manitowoc, Wis.

"Comet," "Mirro," "Viko"

Aluminum Products Co., La Grange, Ill. "Lifetime"

American Aluminum Mfg. Co., Lemont, Ill. "American Maid"

Bellaire Enamel Co., Bellaire, O. "Beco"

Buckeye Aluminum Co., Wooster, O. "Buckeye"

Budke Stamping Co., Canonsburg, Pa.

Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)

Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill. "Bake-King"

Geuder, Paeschke & Frey Co., Milwaukee, Wis.

Griswold Mfg. Co., Erie, Pa.

Hamilton Metal Products Co., Hamilton, O. "Climax"

Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"

Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill. "Ekco," "Ovenex"

Landers, Frary & Clark, New Britain, Conn.

Moore Enameling & Mfg. Co., W. Lafayette, O.

"Enamlart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Eze Out," "Nesco," "Up-Side-Down"

Perfecake Pan Corp., 1192 Commonwealth Av., Boston, Mass.

Savory, Inc., 591 Ferry, Newark, N. J.

Snyder (Wm. J.) Co., Cleveland, O.

Stratton & Terstege Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"

Wagner Mfg. Co., Sidney, O.

West End Aluminum Co., West Bend, Wis.

PANS, Cookie—See Bakers, Cookie

PANS, Cracker—See Pans, Cake

## PANS, Dish

(See also under Ware)

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro," "Viko"

Aluminum Products Co., La Grange, Ill. "Lifetime"

Atlantic Stamping Co., Rochester, N. Y.

Behrens (H.) Mfg. Co., Winona, Minn.

Bellaire Enamel Co., Bellaire, O. "Beco," "Dish Maid"

Columbian Enameling & Stamping Co., Terre Haute, Ind. "Dishmaster"

Federal Enameling & Stamping Co., McKees Rocks, Pa. "Great Emancipator"

Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"

Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"

Landers, Frary & Clark, New Britain, Conn.

Lawson (F. H.) Co., Cincinnati, O. "Lawco"

Moore Enameling & Mfg. Co., W. Lafayette, O.

"Enamlart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

Savory, Inc., 591 Ferry, Newark, N. J.

Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"

Stratton & Terstege Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"

U. S. Stamping Co., Moundsville, W. Va.

Vollrath Co., Sheboygan, Wis.

West Bend Aluminum Co., West Bend, Wis.

## PANS, Drip

Aldrich Mfg. Co., Buffalo, N. Y.

All-Steel-Equip Co., Aurora, Ill.

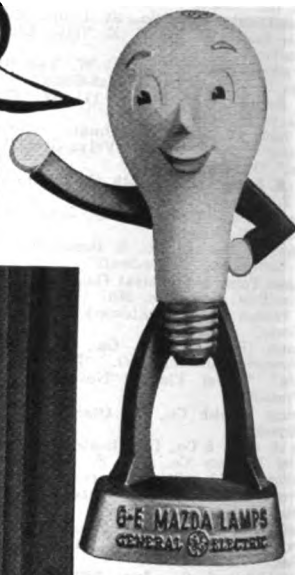
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"

Budke Stamping Co., Canonsburg, Pa.

Dover Stamping & Mfg. Co., Cambridge, Mass.

Enamel Products Co., Cleveland, O. "Tepco"

# NEW COUNTER DISPLAY MAKES G-E BULBS SELL THEMSELVES!



**HERE'S THE WAY** to set up a proved, pre-tested counter display that makes General Electric MAZDA lamps *easier to sell* than ever:

1. Line the bottom of the bins with white paper, cardboard or oilcloth to make the bulbs appear whiter and cleaner.
2. Use higher glass at each end of the counter for feature bins of popular sized bulbs.
3. Display bulbs in bulk with identifying price cards at back . . . carrying both price and brand identification.
4. Slide transfers back of glass and front

of feature bins. Insert flattened out lamp wrappers back of glass fronts of lower bin section. Place a few bulbs in wrappers on top of bulk display. Insert 11" x 14" card in one feature bin card holder and a copy of the current G-E magazine ad in the other feature bin holder.

5. G. E.'s lighted Double Duty Demonstrator makes an attention-attracting feature for the counter and permits quick testing of bulbs.

6. Enterprising dealers who thoroughly familiarize themselves with the G-E Light Conditioning Guide are using it to

advantage by displaying it in the front center of the display counter. They are using it to interest customers in buying the right size bulbs. It helps sell more bulbs, and higher priced bulbs.

**ADDED SALES HELPS.** Use Spotlights or special counter lighting fixtures to make your bulb counter bright and attractive. Try using flashing bulbs on extension cords under your bulk lamp display . . . especially in the feature ends.

For further selling ideas for G-E bulbs, see your G-E jobber's salesman or write General Electric Co., Dept. 166-HA-G, Nela Park, Cleveland, Ohio.

## 5 reasons why it pays to sell

## G-E MAZDA LAMPS GENERAL ELECTRIC

**1 NATIONALLY ADVERTISED** in 20 leading magazines with millions of G-E messages.

**2 ON THE AIR** "The G-E MAZDA Lamp Hour of Charm", Sundays at 10 P.M. (EST) N.B.C. Red Network.

**3 KNOCK-OUT DISPLAYS** G.E. offers its agents a series of striking, colorful window displays.

**4 SELLING TOOLS** Counter display material, bulb holders, other material available.

**5 ASSURED PROFITS** More people buy G-E MAZDA lamps than any other brand.

Mention Hardware Age When Writing

Digitized by Google



**PANS, Drip (Continued)**

Hibbs, E. A., Phila., Pa.  
Ingram-Richardson Mfg. Co., Beaver Falls, Pa.  
Koven (L. O.) & Bro., Ogden Av., Jersey City, N. J.  
Kramer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
Kramer, Frary & Clark, New Britain, Conn.  
Landers Enameling & Mfg. Co., W. Lafayette, O.  
Moore Enameling & Mfg. Co., W. Lafayette, O.  
"Enamlart," "Marblart," "Memco Decorated,"  
"Memco Standard," "Moore"  
National Enameling & Stamping Co., 270 N. 12th,  
Milwaukee, Wis. "Nesco"  
New Britain Mach. Co., New Britain, Conn.  
Northwest Metal Products, Inc., Seattle, Wash.  
"Norwesco"  
Parkersburg Iron & Steel Co., Parkersburg, W. Va.  
"Acme"  
Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Sexton Can Co., Everett, Mass.  
U. S. Stamping Co., Moundsville, W. Va.  
West End Aluminum Co., West Bend, Wis.

**PANS, Dust**

Behrens (H.) Mfg. Co., Winona, Minn.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles,  
Cal. "Boyco"  
Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
Av., Phila., Pa.  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av.,  
Chicago, Ill.  
Dover Stamping & Mfg. Co., Cambridge, Mass.  
Fernald Mfg. Co., North East, Pa. "Fernald  
Sweeping Pan"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
"Cream City"  
Hamlin Metal Products Co., Inc., 58 W. Exchange,  
Akron, O. "Bestway"  
Hygienic Products Corp., Portland, Me. "Brush-Up  
Pan"  
Kramer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
Krischer Trading Corp., 210 Taaffe Pl., B'klyn.,  
N. Y. "Knight Brand"  
Marshallan Mfg. Co., 5716 Euclid Av., Cleveland, O.  
Michigan Metal Products Co., Battle Creek, Mich.  
National Enameling & Stamping Co., 270 N. 12th,  
Milwaukee, Wis. "Nesco," "Sav-Ur-Bak" (Rubber  
Edge)  
New Delphos Mfg. Co., Delphos, O.  
Owens-Illinois Can Co., Ohio Bldg., Toledo, O.  
Patent Novelty Co., Inc., Fulton, Ill. "Fulton,"  
"Janitor," "Kitchenette," "Patsy Prim," "Peggy  
Prim," "Pollyanna," "Polly Prim"  
Peoria Metal Specialty Co., Peoria, Ill.  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
Tillinghast (B. C.) Rubber Co., Inc., 236 Market,  
Phila., Pa.  
Washburn Company, Worcester, Mass.  
Wooster Rubber Co., Wooster, O. "Rubbermaid"  
Yeake Metal Products Co., Buffalo, N. Y.

**PANS, Frying**

(See also Spiders and Skillets; also under Ware)

Aluminum Cooking Utensil Co., New Kensington,  
Pa. "Wear-Ever"  
Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro,"  
"Viko"  
Aluminum Products Co., La Grange, Ill. "Lifetime,"  
"Thermaware"  
American Aluminum Mfg. Co., Lemont, Ill. "Ameri-  
can Maid"  
American Aluminum Ware Co., 374 Jelliff Av., New-  
ark, N. J. "Peerless"  
Bellaire Enamel Co., Bellaire, O. "Beco"  
Bremer Aluminum Corp., New Washington, O.  
"Dr. Koch"  
Buckeye Aluminum Co., Wooster, O. "Buckeye"  
Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
Av., Phila., Pa.  
Carrollton Metal Products Co., Carrollton, O. "Carl-  
ton," "Cookcraft" (Stainless Steel)  
Chicago Hdw. Fdry. Co., No. Chicago, Ill. "Favo-  
rite," "Sanware"  
Everedy Co., Inc., Frederick, Md. "Speedy-Clean"  
(Chromium Finish)  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
"Cream City"  
Graves-Pierce Mfg. Co., Friendship, N. Y.  
Gray & Dudley Co., Nashville, Tenn.  
Grawold Mfg. Co., Erie, Pa. "Chrome," "Du-Chro,"  
"Shiny Black," "Silver-Like"  
Hamlin Metal Products Co., Inc., 58 W. Exchange,  
Akron, O. "Hamlin" (Chromium Finish)  
Health-Maid, Inc., Cleveland, O.  
Hodge (Wm.) Co., Phila., Pa.  
Illinois Pure Aluminum Co., Lemont, Ill. "Ameri-  
can Maid"  
Jones Hollow Ware Co., Baltimore, Md.  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chi-  
cago, Ill. "Black Beauty"  
Kewaskum Aluminum Co., Kewaskum, Wis.  
King Stove & Range Co., Sheffield, Ala.  
Klein Mfg. Co., Burlington, Ia.  
Landers, Frary & Clark, New Britain, Conn.  
Lodge Mfg. Co., So. Pittsburg, Tenn.  
Marietta Hollow-Ware & Enameling Co., Marietta,  
Pa.  
Marshallan Mfg. Co., 5716 Euclid Av., Cleveland, O.  
National Enameling & Stamping Co., Milwaukee,  
Wis. "Nesco"  
Polar Ware Co., Sheboygan, Wis. (Stainless Steel)  
Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.  
Rome Mfg. Co., Div. Revere Brass & Copper, Inc.,  
Rome, N. Y.  
Savory, Inc., 591 Ferry, Newark, N. J.

Standard Aluminum Co., Two Rivers, Wis.  
Steel Materials Corp., 17260 Gable Av., Detroit,  
Mich. "Stemco"  
United States Stamping Co., Moundsville, W. Va.  
United Steel & Wire Co., Battle Creek, Mich.  
Vollrath Co., Sheboygan, Wis.  
Wagner Mfg. Co., Sidney, O.  
West Bend Aluminum Co., West Bend, Wis.  
**PANS, Muffin—See Pans, Cake**

**PANS, Pudding**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
"Mirro," "Viko"  
Aluminum Products Co., La Grange, Ill. "Lifetime"  
American Aluminum Mfg. Co., Lemont, Ill. "Ameri-  
can Maid"  
Atlantic Stamping Co., Rochester, N. Y.  
Bellaire Enamel Co., Bellaire, O. "Beco"  
Columbian Enameling & Stamping Co., Terre Haute,  
Ind.  
Federal Enameling & Stamping Co., McKees Rocks,  
Pa. "Old Holland"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
"Cream City"  
Illinois Pure Aluminum Co., Lemont, Ill. "Ameri-  
can Maid"  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chi-  
cago, Ill. "Ekco"  
Landers, Frary & Clark, New Britain, Conn.  
National Enameling & Stamping Co., 270 N. 12th,  
Milwaukee, Wis. "Nesco"  
Stratton & Terstegge Co., Inc., Mfg. Div., Louisville,  
Ky. "Falls City" (Tin)  
United States Stamping Co., Moundsville, W. Va.  
West Bend Aluminum Co., West Bend, Wis.

**PANS, Refrigerator**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Atlantic Stamping Co., Rochester, N. Y.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles,  
Cal. "Boyco"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
"Cream City"  
Kramer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Lisk Mfg. Co., Canandaigua, N. Y.  
Moore Enameling & Mfg. Co., W. Lafayette, O.  
"Enamlart," "Marblart," "Memco Decorated,"  
"Memco Standard," "Moore"  
National Enameling & Stamping Co., 270 N. 12th,  
Milwaukee, Wis. "Nesco"  
Reeves Steel & Mfg. Co., Dover, O.  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
United States Stamping Co., Moundsville, W. Va.  
**PANS, Roasting—See Roasters**

**PANS, Sauce**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
"Comet," "Mirro," "Viko"  
Aluminum Products Co., La Grange, Ill. "Lifetime,"  
"Thermaware"  
Buckeye Aluminum Co., Wooster, O. "Buckeye"  
Carrollton Metal Products Co., Carrollton, O. "Carl-  
ton" (Stainless Steel)  
Corning Glass Wks., Corning, N. Y. "Pyrex"  
Enterprise Aluminum Co., Massillon, O.  
Everedy Co., Frederick, Md. "Speedy Clean"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
"Cream City"  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chi-  
cago, Ill. "Ekco," "Ovenex"  
National Pressure Cooker Co., Eau Claire, Wis.  
Rome Mfg. Co., Div. Revere Copper & Brass, Inc.,  
Rome, N. Y.  
Stainless Steel Products Co., La Grange, Ill. "Life-  
time"  
Steel Materials Corp., 17260 Gable Av., Detroit,  
Mich. "Stemco"  
West Bend Aluminum Co., West Bend, Wis.

**PANS, Stock Watering**

Reeves Steel & Mfg. Co., Dover, O.  
West Bend Aluminum Co., West Bend, Wis.  
**PAPER ABRASIVE—See Papers, Abrasive, Coated,  
Sand, Garnet, Aluminous, Etc.**

**PAPER, Asbestos**

Carey (Philip) Co., (Lockland) Cincinnati, O.  
Johns-Manville Corp., 22 E. 40th, New York, N. Y.  
Keasbey & Mattison Co., Ambler, Pa.  
Lotz Insulation Co., Hartford, Conn.  
Norristown Asbestos Mfg. Co., 28 Lewis Wharf,  
Boston, Mass.  
Norristown Magnesia & Asbestos Co., Norristown,  
Pa.  
Sall Mountain Co., 176 W. Adams, Chicago, Ill.  
"Sal-Mo"  
Smith & Kanzler, Inc., Elizabeth, N. J.  
Standard Asbestos Mfg. Co., 820 W. Lake, Chi-  
cago, Ill.

**PAPER BAGS—See Bags, Paper****PAPER BAKING CUPS—See Cups, Baking, Paper****PAPER BALERS—See Balers, Paper****PAPER BLANKET INSULATION—See Insulation,  
Blanket, Paper****PAPER BOXES—See Boxes, Paper, Folding****PAPER, Building—See Paper, Roofing, Sheathing  
and Building****PAPER CAP PISTOLS—See Pistols, Toy****PAPER CLIPS and FASTENERS—See Clips and  
Fasteners, Paper****PAPER CUPS—See Cups, Paper****PAPER CUTTERS—See Cutters, Paper, Roll****PAPER DISHES—See Dishes, Paper****PAPER DOILIES—See Paper, Lace****PAPER DOLLS—See Dolls, Paper****PAPER, Dusting & Polishing**

Padco, Inc., 480 Lexington Av., New York, N. Y.  
"Pollywads"

Kalamazoo Vegetable Parchment Co., Kalamazoo,  
Mich. "C P," "Kup"

**PAPER FLOWER POTS—See Pots, Flower****PAPER, Fly**

Cotte Mfg. Co., Inc., 120 Wall St., New York,  
N. Y. "Flyrol," "Frog"

Kimberly-Clark Co., Neenah, Wis.

Massillon Paper Co., Massillon, O.

Munroe Falls Paper Co., Massillon, O.

Tanglefoot Co., Grand Rapids, Mich. "Surecatch,"  
"Tanglefoot"

Tongue (R. E.) & Bros. Co., Inc., Allegheny Av.  
& Amber, Phila., Pa. "Big Chief," "Sentinel"

**PAPER GARBAGE BAGS—See Bags, Waste &  
Garbage, Paper****PAPER GARLANDS—See Garlands, Paper****PAPER HANGERS' BRUSHES—See Brushes, Paper  
Hangers'****PAPER HANGERS' KNIVES—See Knives, Paper  
Hangers'****PAPER HANGERS' ROLLERS—See Rollers, Paper  
Hangers'****PAPER HANGERS' SHEARS—See Shears, Paper  
Hangers'****PAPER HANGERS' TABLES—See Tables, Paper  
Hangers'****PAPER HATS—See Hats, Paper****PAPER NAPKINS—See Napkins, Paper****PAPER, Oiled**

Bryant Paper Co., Kalamazoo, Mich.

Chemical Paper Mfg. Co., Holyoke, Mass.

Cleveland Waterproof Paper Co., Allen Ct.—Rock  
River, Cleveland, O. "Utility"

Dexter (C. H.) & Sons, Windsor Locks, Conn.

Hartford City Paper Co., Hartford City, Ind.

**PAPER PAD TARGETS—See Targets, Paper Pad****PAPER PAILS—See Pails, Paper****PAPER PENCILS—See Pencils, Paper****PAPER PLATES—See Dishes, Paper****PAPER ROLL CUTTERS—See Cutters, Paper, Roll****PAPER, Roofing, Sheathing and Building**

(See also Sheathing, Building)

American Asphalt Roof Corp., Kansas City, Mo.

American Tar Products Co., Pittsburgh, Pa.

Andrews (John T.) & Co., Inc., Penn Yan, N. Y.

Angier Corp., Framingham, Mass. "Brownskin"

Barber Asphalt Corp., Barber, N. J.

Barrett Co., 40 Rector, New York, N. Y. "Black  
Diamond," "Black Shield," "Jack Frost"

Beloit Box Board Co., Beloit, Wis.

Bird & Son, Inc., East Walpole, Mass. "Economy,"  
"Neponset," "Paroid"

Brown Co., Portland, Me. "Bermico," "Solka"

Cabot (Samuel), Inc., Boston, Mass.

Carey (Philip) Co., (Lockland) Cincinnati, O.

Certain-teed Products Corp., 100 E. 42nd, New  
York, N. Y.

Chase Brass & Copper Co., Inc., Waterbury, Conn.  
"Cop-O-Top"

Chatfield Mfg. Co., Div. of Flintkote Co., New  
Orleans, La.

Electric City Paper Mills, Inc., Niagara Falls, N. Y.

Fleming & Sons, Inc., Dallas, Tex. "Wallrite"

Flintkote Co., 60 W. 50th, New York, N. Y.

Ford Roofing Products Co., 111 W. Washington,  
Chicago, Ill. "Aqua-proof," "Everite," "Gal-Va-  
Nite," "World"

Fox Paper Co., Lockland, O.

Hollingsworth & Vose Co., East Walpole, Mass.

Johns-Manville Corp., 22 E. 40th, New York, N. Y.

Klauser Mfg. Co., Dubuque, Iowa.

Koppers Co., Tar & Chemical Div., Koppers Bldg.,  
Pittsburgh, Pa.

Leslie (John) Paper Co., Minneapolis, Minn.

Lincoln (L.) & Co., North Dighton, Mass.

Lockport Paper Co., Lockport, N. Y.

MacSim-Bar Paper Co., Otego, Mich.

Nelson (B. F.) Mfg. Co., Minneapolis, Minn.

Newton Paper Co., Holyoke, Mass. "Elephant"

Paraffine Cos., Inc., San Francisco, Cal. "Fabcro"

Pioneer Flintkote Co., Los Angeles, Cal.

Ruberoid Co., 500 Fifth Av., New York, N. Y.

Safepack Mills, Millis, Mass. "Safe-kote"

Schmidt & Ault Paper Co., York, Pa. "Codorus"

Simplex Paper Co., Palmyra, Mich.

Sisakraft Co., 205 W. Wacker Drive, Chicago, Ill.

Souther (E. E.) Iron Co., St. Louis, Mo.

Thilmany Pulp & Paper Co., Kaukauna, Wis.  
"Cover-Dri"

Union Mills Paper Mfg. Co., New Hope, Pa.

**PAPER, SAND, Waterproof—See Papers, Abrasive,  
Coated, Sand, Garnet, Aluminous, Etc.****PAPER SHEATHING—See Paper, Roofing, Sheathing  
and Building**



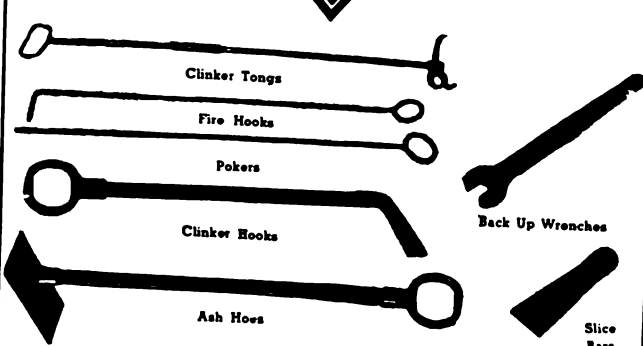
**ONE SOURCE—**

For your supply of Turnbuckles, Bolts, Clips, Shackles, Hooks and other Forged or Cast items. Prompt shipments from finished stock. Try us!

Our 172-page Catalog will be sent immediately upon request.

**Wilcox, Crittenden & Co., Inc.**  
77 South Main Street  
Middletown, Conn.

**FARRELL-CHEEK  
FIRE-FIXER  
tools**



Clinker Tongs  
Fire Hooks  
Pokers  
Clinker Hooks  
Ash Hoes  
Back Up Wrenches  
Slice Bars

**RIGID CONSTRUCTION AND EASY USE  
MAKE FIRE-FIXER TOOLS A FAST MOVING  
AND PROFITABLE LINE.**

**ASK YOUR JOBBER  
FOR CATALOGUE AND PRICES**

**FARRELL-CHEEK STEEL CO. SANDUSKY, OHIO**

If it's a  
**CORY**  
REG. U.S. PAT. OFF.

**IT'S COMPLETE!**

● No other glass coffee maker matches the CORY in patented and exclusive features. Included in the price are:

- 1—Streamline Design—"wide neck"
- 2—Beautiful platinum Striping
- 3—Usable hinged Decanter Cover
- 4—"Safety Stand" Funnel Holder
- 5—Easy-grip, never-hot Handle
- 6—2-tablespoon Coffee Measure
- 7—"Fast-Flu" Filter (with most models)
- 8—CORY Glass Filter ROD (all models)
- 9—Formed Pouring Lip (no spatter)
- 10—Heat-resisting Glass by CORNING
- 11—2-heat Electric units (Hi-Low)



**DELICIOUS  
CORY-BREWED  
COFFEE and TEA  
is untouched by Metal**

Each CORY Coffee Brewer is individually packed with all accessories needed for operation, convenience, smartness.

**Sensational  
CORY GLASS  
FILTER ROD!**

FREE with all CORY brewers.  
Fits most glass coffee makers.  
Hundreds of thousands in use.

● Its flavor also is protected against boiling and too-long brewing by the efficiency of CORY Filters. CORY Brewers are beautifully designed. Outstanding eye-appeal. 3 sizes fill all needs. Big profits from small stock.

Write for Latest Catalog

**GLASS COFFEE  
BREWERS CORP.**  
325 North Wells Street  
Chicago, Illinois

**THE NEW "QUICK GRIP"  
WOOD SCRAPER**  
No. 250

Offset and tilt the blade for scraping in corners and close to an upright projection! Change a blade completely in ten seconds! Blade held securely in a steel vise. Shaves like a plane.

Scraper complete with three double-edge blades 75¢ each. Extra blades 10¢ each. No other Wood Scraper like it. Investigate today!



**ELECTRICAL  
PUTTY SOFTENERS**

Softens the hardest putty quickly. Saves glass, sash and time. Inexpensive to operate. Three Models \$5.00, \$7.50 and \$9.00 each. If you reglaze you need a FLETCHER Putty Softener.



**FLETCHER "GOLD TIP" GLASS CUTTERS**



Known everywhere for their superior quality and uniform performance. A wheel for every purpose identified by the "Gold Tip" and the name FLETCHER on every cutter. Completely guaranteed. Price \$1.60 per dozen.

**THE FLETCHER, TERRY CO., FORESTVILLE, CONN.**

**PAPER, Shelf**

American Lace Paper Co., Milwaukee, Wis.  
 American Novelty Paper Co., Saugerties, N. Y.  
 American Tissue Mills, Holyoke, Mass.  
 Badger Paper Mills, Inc., Peshtigo, Wis. "Veptix"  
 Beyer (Alfred) & Co., 47-05 Metropolitan Av.,  
 Bklyn., N. Y.  
 Clapp Corp., 1209 Dayton, Cincinnati, O. "Clapp"  
 Cottle (A.) & Son Co., 54 S. 2nd, B'klyn., N. Y.  
 Kalamazoo Vegetable Parchment Co., Kalamazoo,  
 Mich.  
 "Kup"  
 Kimberly-Clark Co., Neenah, Wis.  
 Milwaukee Lace Paper Co., Milwaukee, Wis. "Mil-  
 pace"  
 Royal Lace Paper Wks., 842 Lorimer, B'klyn., N. Y.  
**APER SINK STRAINER LINERS**—See Liners,  
 Sink, Strainer, Paper  
**APER TARGETS**—See Targets, Paper

**PAPER, Toilet**

P. W. Paper Co., Albany, N. Y. "Onliwon"  
 Adams Paper Co., Wells River, Vt.  
 Barclay Tissue Corp., 36th & 14th Av., Bklyn., N. Y.  
 Brown-Zellerbach Corp., San Francisco, Cal.  
 "Zalo," "Zee"  
 Cley Paper Co., Springfield, Mass.  
 Fort Howard Paper Co., Green Bay, Wis.  
 Grogg Paper & Fibre Co., Green Bay, Wis.  
 Hollingsworth, J. H., Fulton, N. Y.  
 International Paper Co., 220 E. 42nd, New York,  
 N. Y.  
 Jorgan Tissue Paper Co., Springfield, Mass.  
 Juniford Paper Mill, Mumfords, N. Y.  
 Kewago River Paper Mills, Phoenix, N. Y.  
 Phoenix Toilet & Paper Mfg. Co., Phoenix, N. Y.  
 Quigley Paper Co., Inc., 200 Seward Av., Utica,  
 N. Y.  
 Scott Paper Co., Chester, Pa. "Waldorf"  
 Seminole Paper Corp., 220 E. 42nd, New York,  
 N. Y.  
 Three Rivers Paper Co., Phoenix, N. Y.  
 Troy Paper Cord, Troy, N. Y.  
 Victoria Paper Mills Co., Fulton, N. Y.  
 Vonder Fold Toilet Paper Co., Leominster, Mass.  
 Wortendyke Mfg. Co., Richmond, Va.  
**APER TOWELS**—See Towels, Paper

**PAPER, Wall**

Buffalo Wall Paper Mfg. Co., Buffalo, N. Y.  
 Carl, M. J., Reading, Pa.  
 Fleming & Sons, Inc., Dallas, Tex. "Wallrite"  
 Hunkin (Geo. J.) Co., Inc., 87 35th, Bklyn., N. Y.  
 Joliet Wall Paper Mills, Joliet, Ill.  
 Lannon Wall Paper Co., Joliet, Ill.  
 Midwest Wall Paper Co., Joliet, Ill.  
 Plattsburg Wall Paper Co., Plattsburg, N. Y.  
 Star-Perless Wall Paper Mills, Joliet, Ill.  
 Superior Wall Paper Co., Joliet, Ill.  
 Thibaut (Richard E.), Inc., 483 10th Av., New York,  
 N. Y.  
 United Wall Paper Factories, Inc., 151 W. Side  
 Av., Jersey City, N. J.  
**PAPER WASTE BAGS**—See Bags, Waste & Gar-  
 bage, Paper

**PAPER, Wax**

American Tissue Mills, Holyoke, Mass.  
 Bennington Wax Paper Co., Bennington, Vt.  
 Cleveland Waterproof Paper Co., Allen Ct.—Rocky  
 River, Cleveland, O. "Utility"  
 Coated Paper Products Co., Minerva, O. "Minerva"  
 Hamersley Mfg. Co., 110 E. 42nd, New York, N. Y.  
 Hoffman (R. S.) Co., Baldwinville, N. Y.  
 Hollingsworth & Whitney Co., Boston, Mass.  
 Japanese Tissue Mills, Holyoke, Mass.  
 Kalamazoo Vegetable Parchment Co., Kalamazoo,  
 Mich. "Kup"  
 Marathon Paper Mills Co., Rothschild, Wis.  
 Nashua Gummed & Coated Paper Co., Nashua,  
 N. H.  
 National Wax & Paper Mfg. Co., 50 Jelliff Av.,  
 Newark, N. J.  
 Ohio Wax Paper & Printing Co., Columbus, O.  
 Orono Pulp & Paper Co., Bangor, Me.  
 Balston (W.) & Co., Niagara Falls, N. Y.  
 Rapinwax Paper Co., 150-26th Av., S. E. Minne-  
 apolis, Minn.  
 Robertson Paper Co., Bellevue Falls, Vt.  
 Waterproof Paper & Board Co., Cincinnati, O.  
 West Carrollton Parchment Co., West Carrollton, O.

**PAPER, Wrapping**

American Tissue Mills, Holyoke, Mass. (Christmas)  
 Andrews (John T.) & Co., Inc., Penn Yan, N. Y.  
 Hibbs (Chas. F.) & Co., 388 Lafayette, New York,  
 N. Y.  
 International Paper Co., 220 E. 42nd, New York,  
 N. Y.  
 Kalamazoo Paper Co., Kalamazoo, Mich.  
 Leslie (John) Paper Co., Minneapolis, Minn.  
 Orono Pulp & Paper Co., Bangor, Me.  
 Racquette River Paper Co., Potsdam, N. Y.  
 Talmann Pulp & Paper Co., Kaukauna, Wis.  
 "Orange-weave"  
 Title Press Co., Appleton, Wis. (Christmas)  
 White Tar Co. of New Jersey, Inc., Kearny, N. J.  
 (Cedarized)

**PAPERS, Abrasive, Coated, Flint, Garnet, Aluminous, Oxide, Silicon Carbide, Etc.**

(See also Abrasives, Coated)  
 Abrasive Products, Inc., So. Braintree, Mass.  
 "Jewel," "Jewelite," "Jewelox," "New Process,"  
 "Pilgrim," "Ready Rolls"  
 Armour Sandpaper Works, 1355 W. 31st, Chicago,  
 Ill. "Alundum," "Armour," "Bulls Head,"  
 "Crystolon," "Garalun"  
 Behr-Manning Corp., Troy, N. Y. "Barney the  
 Bear," "Edg-R-Disco," "Handy Package,"  
 "Handyroll," "Lightning Adalox," "Lightning Du-  
 rundum," "Lightning Metalite," "Mohawk,"  
 "Thrifty Rolls," "Troy," "Speed-Grits," "Speed-  
 Wet"  
 Berea Abrasives Div. Cleveland Quarries Co., 1184  
 Builders Exch. Bldg., Cleveland, O. "Berea"  
 Carborundum Co., Niagara Falls, N. Y. "Aloxite,"  
 "Carborundum"  
 Clover Mfg. Co., Norwalk, Conn. "Blue-Stripe,"  
 "Green-Stripe," "Orange-Stripe," "Yellow-Stripe"  
 Mid-West Abrasive Co., 2189 Beaufort Av., Detroit,  
 Mich. "Wolverine"  
 Minnesota Mining & Mfg. Co., St. Paul, Minn.  
 "B-A," "Imperial," "Pioneer," "Sandy Smooth,"  
 "Star," "3M"  
 Sandpaper, Inc., Waltham, Mass. "Buckeye,"  
 "Clippers"  
 Smith (Landon P.) Inc., 130 Coit, Irvington, N. J.  
 "Red Devil"  
 Wilmington Abrasive Works, Inc., Wilmington, Del.  
 "Waw," "Wilca," "Wilox"  
**PARAFFINE WAX**—See Wax, Paraffine  
**PARCEL POST MAIL BOXES**—See Boxes, Mail,  
 Rural, Parcel Post  
**PARCEL POST SCALES**—See Scales, Parcel Post  
**PARCEL POST TWINE**—See Twine, Parcel Post  
**PARCHMENT LAMP SHADES**—See Shades, Lamp,  
 Parchment

**PARERS, Fruit and Vegetable**

Acme Metal Goods Mfg. Co., 2 Orange, Newark,  
 N. J. (also Left Hand)  
 American Mach'y Co., Phila., Pa.  
 Anstice (Josiah) & Co., Rochester, N. Y. "Sterling"  
 Boutell Mfg. Co., Rochester, N. Y. "Rival,"  
 "Triumph"  
 Carpenter (E. W.) Mfg. Co., 1565 Railroad Av.,  
 Bridgeport, Conn.  
 Feemster (W. R.) Co., 154 E. Erie, Chicago, Ill.  
 "Devault"  
 Goodell Co., Antrim, N. H. "Bonanza," "Improved  
 Bay State," "Leader," "Turntable," "White  
 Mountain" (Hand, Belt and Motor Driven)  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 "O. K.," "Quick," "Universal"  
 Houchin (Thos. W.) Corp., 9 McPherson Pl., Jersey  
 City, N. J.  
 M & M Mfg. Co., 2222 N. Racine Av., Chicago, Ill.  
 "Nee-Action"  
 P. M. C. Mfg. Corp., Phoenix, N. Y.  
 Reading Hardware Corp., Reading, Pa.  
 Ressler (G. S.) & Son, Lansing, Mich. "Champion"  
 Reynolds Electric Co., Chicago, Ill. "Maxim" (Elec-  
 tric)  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
 "Rotary Knife"  
 Sinclair-Scott Co., Wells & Patapsco, Baltimore,  
 Md. "Scott's"  
**PARERS, Vegetable**—See Parers, Fruit and Vege-  
 table

**PARING KNIVES**—See Knives, Kitchen, Paring, Etc.**PARIS GREEN**

(See also Insecticides)  
 Chipman Chemical Co., Inc., Bound Brook, N. J.  
 Devos & Reynolds Co., Inc., 1 W. 47th, New York,  
 N. Y.  
 Goulard & Oleno, Inc., 140 Liberty, New York, N. Y.  
 Sherwin-Williams Co., Cleveland, O.

**PARK FENCES AND GATES**—See Fences and Gates, Lawn, Etc.**PARK AND LAWN BENCHES**—See Benches, Park and Lawn**PARKING LANTERNS**—See Lanterns, Parking**PARKING LIGHTS**—See Lights, Parking**PARKWAY MARKERS**—See Markers, Parkway**PARLOR BALLS**—See Balls, Parlor**PARLOR DOOR HANGERS**—See Hangers, Door**PARLOR FURNACES**—See Heaters, Circulating, Coal or Wood; also Heaters, Circulating, Oil Burning**PARTITION BRACES**—See Braces, Partition**PARTITION RAILING, Wire**—See Railing, Wire, Partition**PARTITIONS, Glass**

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 (Display Tables)  
 Warren (J. D.) Mfg. Co., Montpelier, O.

**PARTITIONS, Woven Wire**

Badger Wire & Iron Wks., Milwaukee, Wis.  
 Cincinnati Iron Fence Co., Dept. F, 3300 Spring  
 Grove Av., Cincinnati, O.  
 Columbus Wire & Iron Wks. Co., Columbus, O.

Kentucky Metal Products Co., Inc., Preston &  
 Audubon Park, Louisville, Ky.  
 Logan Co., Louisville, Ky.  
 Smith (F. P.) Wire & Iron Wks., 2346 Clybourn  
 Av., Chicago, Ill.  
 Southern Wire & Iron Works, Atlanta, Ga.  
 Standard Fence Co., Oakland, Cal.  
 Stewart Iron Works Company, Inc., 408 Stewart  
 Block, Cincinnati, O.

**PARTS, Cart, Racer, Trailer or Wagon, Juvenile**

Eagle Lock Co., Terryville, Conn.

**PARTS, Cart, Racer, Trailer or Wagon, Juvenile**

**PARTS, REPLACEMENT, LAWN MOWER**—See

Mowers, Lawn, Replacement Parts

**PARTS, REPLACEMENT, SEWING MACHINES**—

See Repairs, Sewing Machine

**PARTS, REPLACEMENT, VACUUM CLEANER**—

See Cleaners, Vacuum, Replacement Parts

**PARTS, REPLACEMENT, WASHING MACHINE**—

See Washing Machine, Replacement Parts

**PASTE BRUSHES**—See Brushes, Paste**PASTE FILLERS**—See Fillers, Wood**PASTE LINOLEUM**—See Cement, Linoleum**PASTE PAINTS**—See Paints, Paste**PASTES, Dry**

Cleveland Cleaner & Paste Co., 7275 Neville Av.,  
 S. W., Cleveland, O. "Apex," "Cleveland"  
 Fuller (H. B.) Co., St. Paul, Minn.  
 Le Page's, Inc., Gloucester, Mass. "Le Page's"  
 Miner-Hillard Milling Co., Wilkes-Barre, Pa. "Jiffy"  
 (Wall Paper)  
 Patent Cereals Co., Geneva, N. Y. "Rex"  
 Reliable Paste Co., Chicago, Ill. "Atlas"  
 Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 Sisk (R. J.) Co., New London, Conn.  
 Wells Adhesive Co., Columbus, O. "We-Co" (Wall  
 Paper)

**PASTES, Emery**

Durkee-Atwood Co., Minneapolis, Minn.  
 Munning (A. P.) & Co., Matawan, N. J.  
 Zip Abrasive Co., Cleveland, O. "Zip"  
**PASTES, Grinding**—See Pastes, Emery  
**PASTES, Hand**, See Soaps and Pastes, Hand

**PASTES, Plastic, Patching**

Technical Supply Co., Palo Alto, Cal. "Plastico Rok"

**PASTES, Sharpening, Lawn Mower**

Zip Abrasive Co., Cleveland, O. "Zip"

**PASTES, Soldering**—See Soldering Pastes**PASTES, WOOD**—See Wood Pastes**PASTRY BAGS**—See Bags, Pastry**PASTRY BOARDS**—See Boards, Pastry, Etc.**PASTRY BOARD COVERS**—See Covers, Rolling  
Pin, & Pastry Board**PASTRY CABINETS**—See Cabinets, Pastry & Food**PATCHES, Cooking Utensil Repair**

Peck (E. E.) Co., Medina, N. Y.

**PATCHES, Gun Cleaning**

Hoppe (Frank A.), Inc., 2314-H No. 8th, Phila., Pa.

**PATCHING CEMENT**—See Cement, Patching**PATCHING PLASTER**

Alabastine Co., 835 Chicago Drive, S. W., Grand  
 Rapids, Mich. "Patch-It"  
 Ambassador Specialties, Inc., 6440 De Buel Av.,  
 Detroit, Mich. "Tebson"  
 Atlantic Paint Mfg. Co., 100 Boylston, Boston,  
 Mass. "Arma"  
 Commercial Paste Co., Columbus, O. "Evans"  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y.  
 "American Seal"  
 Consumers Glue Co., 3520 B'way, St. Louis, Mo.  
 "Consumers"  
 Grimes (Norman V.) Co., Boonton, N. J. "Grimco"  
 Muralo Co., Inc., 566 Richmond Terrace, Staten  
 Island, N. Y. "Muralo"  
 National Gypsum Co., Inc., 182 Delaware Av.,  
 Buffalo, N. Y.  
 Norristown Asbestos Mfg. Co., 29 Lewis Wharf,  
 Boston, Mass. "Mecco"  
 Pecora Paint Co., Inc., Lawrence & Venango,  
 Phila., Pa. "Pecora"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pittsburgh Plate Glass Co., Paint Div., Grant Bldg.,  
 Pittsburgh, Pa. "Pittsburgh"  
 Premier Chemical Co., Cleveland, O. "Narbo"  
 Reardon (The) Co., St. Louis, Mo. "Reardon's,"  
 "Resurfo"  
 Reliable Paste Co., Chicago, Ill.  
 Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 Tamm's Silica Co., 228 N. La Salle, Chicago, Ill.  
 Tomkins (Calvin) Co., 50 Church, New York, N. Y.  
 "Old Newark"





# DISSTON



## A Complete Line of Cross-cut Saws, Tools and Files

### No. 114 Lance Perforated



For both Felling and Bucking; full-width, straight back saw; four cutting teeth to one raker type. Made of Disston Steel; ground by Disston process on lines to conform to tooth edge of saw. 4 gauges thinner on back than on tooth edge.

Lengths, 4, 4½, 5, 5½, 6, 6½, 7 feet.

### No. 254 Triumph Champion



For those who demand a saw for ordinary work. Blades, 3¼" wide; of Disston steel. Two cutting teeth to one raker.

Lengths, 4, 4½, 5, 5½, 6, 6½, 7 feet.

### Keystone K-540 Champion



KEYSTONE made by Disston Saw. Made from Special Steel; two cutter and one raker type teeth. Perfected Curved Taper Ground on lines to conform with tooth edge of saw. Tapers from tooth edge to back and from ends toward center.

Lengths, 4, 5, 5½, 6, 6½, 7, 8 feet.

### Keystone K-914



KEYSTONE made by Disston; Perforated Lance Pattern Teeth, four cutting teeth to one raker type; Special Steel; straight back—weatherproof finish hardwood handle, and additional supplementary handle.

Lengths, 3, 3½, 4, 4½, 5 feet.

### No. 36½ Hack Saw Frame



Adjustable by one-half inches for blades 8 to 12 inches; reversible to four positions; frame of Disston steel, nickel plated; depth 3-5/16 inches from tooth edge to inside back; hardwood handle, black satin finish with large hand-hold; wing-nut adjustment.

### Disston Files



More than 250 shapes. More than 1,000 cuts and sizes—to meet every need of file users. Disston's own use of millions of files. In making Disston Saws, furnishes constant day-by-day check on quality.

## A Complete Line of Saws for the Home Workshop



### Keystone Home Workshop Band Saws for Wood

No.	Lengths	Widths Inches	Make of Machine	Price Each
K-42	4' 1½"	⅜, ½, ¾	Portable Power (Power King 8"); Shaw Tool Co. (8")	\$1.00
K-46	4' 6"	⅜, ½, ¾	Gray (Superior 8"); Jones (Superior 8"); Wallace No. 34	1.00
K-48	4' 8"	⅜, ½, ¾	Herbert (No. 309 Wood Wizard)	1.00
K-50	5'	⅜, ½, ¾	American Machine Tool No. 11 (9"); Duro No. 3025 (9½"); Montgomery Ward & Co. (9½")	1.00
K-52	5' 2½"	⅜, ½, ¾	Sears, Roebuck & Co. (10")	1.00
K-56	5' 6"	⅜, ½, ¾	Delta No. 785 (10")	1.00
K-62	6' 2"	⅜, ½, ¾	Delta No. 768 (10"); B. E. Jarvis	1.00
K-65	6' 5½"	⅜, ½, ¾	Blue Star No. 12 (12"); Boice-Crane (12"); Champion (12"); Delta (12"); Duro C-3020 (12"); Ephrata (12"); Heston & Anderson No. 11 (12"); Jones (Superior 12"); Montgomery Ward & Co. (12"); Outboard Motor (Shop King); Parkes Woodworking; Portable Power (Power King); S. & B.; Walker-Turner BN 730 (Driver 12") prior to 1935	1.00
K-66	6' 6½"	⅜, ½, ¾	Walker Turner BN 730 (Driver 12") since 1935	....
K-67	6' 7"	⅜, ½, ¾	Herbert (Wood Wizard S312 H312 12")	1.00
K-69	6' 9"	⅜, ½, ¾	American Saw Mill Machinery (12"); Little Giant A12	1.00
K-72	7' 2"	⅜, ½, ¾	Heston & Anderson No. 1 (14"); Northfield Woodworking Co. (14")	1.05
K-72	7' 2"	⅜, ¾	Heston & Anderson No. 1 (14"); Northfield Woodworking Co. (14")	1.15
K-76	7' 6"	⅜, ½, ¾	Boice-Crane No. 800 (14"); Heston & Anderson No. 50 (14"); Parkes Woodworking Co. (14"); S. & B. (12")	1.10
K-76	7' 6"	⅜, ¾	Boice-Crane No. 800 (14"); Heston & Anderson No. 50 (14"); Parkes Woodworking Co. (14"); S. & B. (12")	1.20
K-79	7' 9½"	⅜, ½, ¾	Delta No. 890 (14"); Yates American W14 (14")	1.10
K-79	7' 9½"	⅜, ¾	Delta No. 890 (14"); Yates American W14 (14")	1.20
K-80	8' ¾"	⅜, ½, ¾	Walker-Turner BN 905 (Driver 14")	1.10
K-80	8' ¾"	⅜, ¾	Walker-Turner BN 905 (Driver 14")	1.20
K-85	8' 5"	⅜, ½, ¾	Heston & Anderson No. 14 (14"); B. E. Jarvis; Yates American W16 (16")	1.20
K-85	8' 5"	⅜, ¾	Heston & Anderson No. 14 (14"); B. E. Jarvis; Yates American W16 (16")	1.30
K-89	8' 9"	⅜, ½, ¾	Delta (14") (Height Adjustment)	1.20
K-89	8' 9"	⅜, ¾	Delta (14") (Height Adjustment)	1.30
K-93	9' 3"	⅜, ½, ¾	Duro (16"); Jones (Superior) No. 15 (15"); Montgomery Ward & Co.	1.20
K-93	9' 3"	⅜, ¾	Duro (16"); Jones (Superior) No. 15 (15"); Montgomery Ward & Co.	1.30
K-96	9' 6¾"	⅜, ½, ¾	Sears, Roebuck & Co. (16"); Walker-Turner BN 1135 (Driver)	1.30
K-96	9' 6¾"	⅜, ¾	Sears, Roebuck & Co. (16"); Walker-Turner BN 1135 (Driver)	1.40

KEYSTONE made by DISSTON Band Saws for metal are also supplied for these machines.

Saws packed one in a corrugated container.

# HENRY DISSTON & SONS, Inc., PHILADELPHIA, U. S. A.

Mention Hardware Age When Writing

Digitized by Google



# DISSTON



(continued)

Keystone Home Workshop Circular Saws as follows:

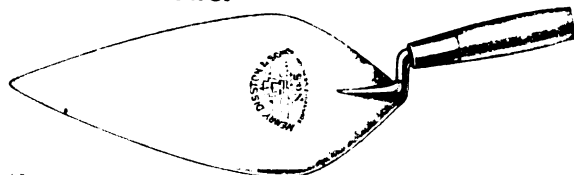
Diameter Inches	Number and Type	Gauge	Hole Inches	Price Each
6	K-41 Cross-cut	18	1/2	\$1.90
	K-121 Rip	18	1/2	1.70
	K-321 Combination	18	1/2	2.10
	K-851 Combination	18	1/2	2.10
	K-61 Hollow Ground	19/16	3/2	3.30
7	K-41 Cross-cut	18	1/2	2.00
	K-121 Rip	18	1/2	1.80
	K-321 Combination	18	1/2	2.20
	K-851 Combination	18	1/2	2.20
	K-61 Hollow Ground	19/16	1/2	3.90
8	K-41 Cross-cut	18	1/2, 3/4, 1	2.20
	K-121 R/P	18	1/2, 3/4, 1	2.40
	K-321 Combination	18	1/2, 3/4, 1	2.40
	K-851 Combination	18	1/2, 3/4, 1	2.40
	K-61 Hollow Ground	19/16	1/2, 3/4, 1	4.40
10	K-41 Cross-cut	16	3/4, 1	2.70
	K-111 Rip	16	3/4, 1	2.40
	K-321 Combination	16	3/4, 1	2.90
	K-851 Combination	16	3/4, 1	2.90
	K-61 Hollow Ground	18/15	3/4, 1	5.50

Packed individually in corrugated container.

Disston also makes DeLuxe Home Workshop Circular Saws, Keystone Dado Cutters, Keystone Wood Turning Chisels, Keystone Jointer Knives, Keystone Sabre Blades

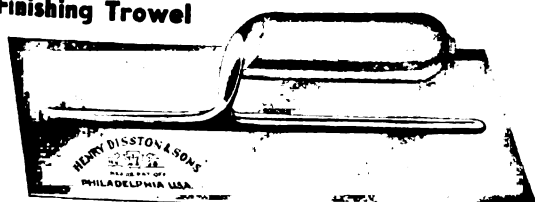
## A Complete Line of Trowels—Brick, Plastering, Pointing, etc.

### No. 5 Brick Trowel



"London Pattern" Brick Trowel is taper ground from heel to point and from center to edges for flexibility. Blade, post and tang are forged from one piece of Disston steel; hardened and tempered. Hickory handle, lacquered; strong steel ferrule. 1 1/2 inches long. Made in 9, 9 1/2, 10, 10 1/2, 11, 11 1/2 and 12" lengths.

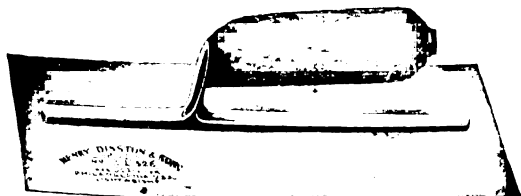
### No. 28 Finishing Trowel



Blade of Disston Steel, hardened, tempered, specially ground for flexibility; mounting of special treated malleable iron; ten countersunk rivets; basswood handle with flat thumb rest, smooth finish.

Made in 10 1/2, 11, 11 1/2 and 12" lengths

### No. 328 Flexolite Finishing Trowel



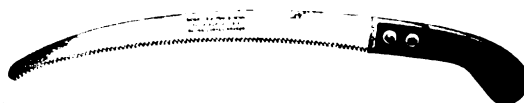
Blade of Disston Steel, hardened, tempered. Mounting of drop-forged heat-treated aluminum alloy; ten countersunk rivets; basswood handle with flat thumb rest, smooth finish.

Made in 10 1/2, 11 and 11 1/2" lengths.

No. 338 same as No. 328 except handle is of hardwood, California Pattern Handle.

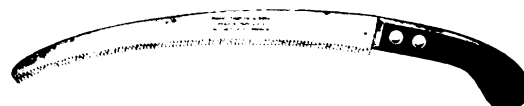
## A Complete Line of Pruning Saws, Shears and Pruners

### No. 166 Pruning Saw



A most popular saw. Disston steel blade, taper ground, 1 1/4 inches wide at handle; 7 points; reversed teeth to cut on the draw stroke. Hardwood handle; comfortable grip; lacquered orange color; 2 brass screws. Made in 12" and 14" blade lengths.

### No. 168 Pruning Saw



Long needle-point teeth; makes a neat, clean cut. Disston steel blade, taper ground; 8 points; 1 1/4 inches wide at handle. Hardwood handle, lacquered orange color; 2 brass screws.

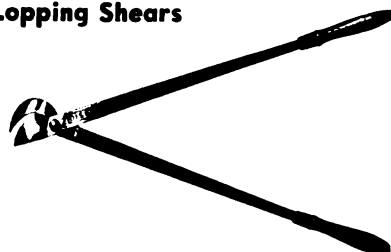
Made in 12" and 14" blade lengths.

### No. 156 Professional Pruner



8 1/2 inch. Drop forged high carbon steel hook and cutter levers with double riveted, detachable blade of alloy steel; hardened, tempered, finely ground and highly polished. Handles knurled and highly polished. Blued volute spring.

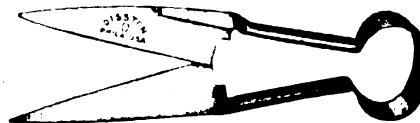
### No. 7 Lopping Shears



The blade and hook are Disston steel, drop-forged, arms are forged steel. Round hardwood handles, lacquered orange, 8 inches long, reinforced by one-inch ferrules.

Length of Arms, 26 inches; Length Over-all, 28 1/4 inches.

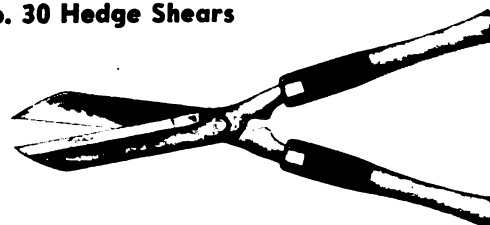
### No. 1105 Grass Shears



Made from one piece of Disston steel, with trowel shank; full polished; hardened and tempered. Ground and set to cut evenly from heel to toe.

Length of Blade, 5 1/2" and 6 1/2"; Length Over-all, 12 1/2" and 13 1/2".

### No. 30 Hedge Shears



Blades of Disston steel, 1 1/4 inches wide, half oval, hardened and tempered, hollow ground, full polished; one blade notched for heavier cutting. Handles of natural hardwood, clear lacquer; black lacquer band at ferrule end.

Made in 8", 10" and 12" lengths of blade.

# HENRY DISSTON & SONS, Inc., PHILADELPHIA, U. S. A.

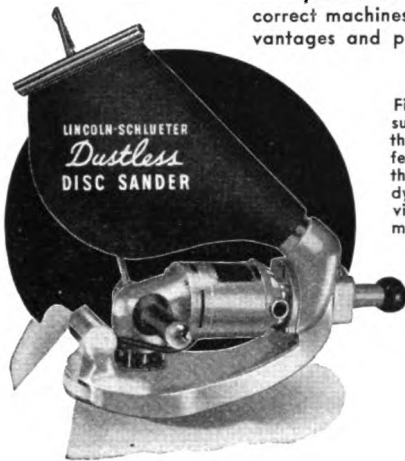
Mention Hardware Age When Writing

Digitized by Google



# Lincoln RENTAL SANDERS and FLOOR MAINTENANCE MACHINES

★ Agreed . . . a Sander Rental Service is a necessity in your store, and you want the best equipment obtainable. In order to help you select the correct machines, we can't urge you too strongly to observe the following advantages and profit-making features offered with the Lincoln line.



First . . . the Lincoln Speed-O-Lite Sander is the original successful sander rental machine, with a background of more than 7 years of BIG PROFIT operation by thousands of your fellow dealers. Imitated by many — excelled by none — the Lincoln Speed-O-Lite incorporates the famous Lincoln dynamically and statically balanced sanding drum. Provides a satin-smooth finish free of all waves and chatter-marks, and sands directly up to baseboards picking up all wood dust and dirt particles into the dust-tite bag. Sanding drum has simple, positive clamp for quick change of sandpaper. Moreover, Speed-O-Lite is light-weight—easily transported and operated by ONE MAN, with power provided by any electric light outlet.

**3 WAY PROFITS:**  
Rentals — Sand-  
paper and Finish-  
ing Material Sales

## The Lincoln Portable Dustless DISC EDGER —

Patterned after the heavy duty machine used by industrial finishers for years. Horizontal motor provides long trouble-free operation. 7-inch disc gives most satisfactory results because it is designed and guarded to make overloading of motor an impossibility.



The  
Lincoln  
Twin-Disc  
Scrubber and  
Polisher No. 11

## Lincoln Floor SCRUBBING and POLISHING Machines . . . . .

for Rental Purposes and RESALE to Homes, Schools, Churches, Institutions, Industrial Plants, Offices and Others.

There's a crying need for the Lincoln No. 11 Twin-Disc Scrubber and Polisher illustrated at left. Designed especially for the homeowner or small office. Sell or rent either the No. 11, or the Single Disc machines for larger areas, and watch PLENTY of BIG MONEY come in to your floor service and sales department.

The Lincoln  
Single Disc  
Scrubber and  
Polisher  
No. 12

Also Furnished in 15" and 16" Size.



Light  
Weight  
A  
ONE-MAN  
SANDER

The New  
Streamlined Lincoln  
**SPEED-O-LITE**  
Sands Close To Baseboards

Motor Approved  
by Utility Com-  
panies Everywhere.

## The Lincoln HIGH-SPEED 9"— For HEAVIER DUTY SANDING

Another light-weight fast-cutting Lincoln Sander—the High Speed 9" is patterned after the well-known heavy-duty constructed Lincoln machines (16 models in all) famous with contractors for more than 44 years. Absolutely dustless in operation. Another LOW COST machine that STAYS IN ORDER.



The  
Lincoln  
HIGH-SPEED  
9"  
A ONE-MAN  
MACHINE

**Liberal Terms To All Who  
Wish To Purchase On  
Approved Credit!**

**MORE THAN FORTY  
MODELS OF SCRUBBING  
AND SANDING MA-  
CHINES IN THE LINCOLN  
LINE.**

**FREE ADVERTISING** — Newspaper Mats—Window Streamers—Store Displays—Circulars all furnished FREE. Pulls in plenty of rental customers plus dozens of contractors and others on outright sales. Because you can get no better sanders than Lincoln Speed-O-Lite, High-Speed 9" and Edger, one rental or sales generates many more. Write—wire—telephone today.



**LINCOLN-SCHLUETER FLOOR MACHINERY COMPANY, Inc.**  
212 WEST GRAND AVENUE, Dept. J. CHICAGO, ILLINOIS

Representatives In All Principal Cities

World's Manufacturer of the Most Complete Line of Floor Maintenance Equipment.



**Mention Hardware Age When Writing**



**PATCHING PLASTER (Continued)**

United Gilsontite Laboratories, Scranton, Pa.  
"U-G-I."  
U. S. Gypsum Co., 302 W. Adams, Chicago, Ill.  
"Red Top"  
Wells Adhesive Co., Columbus, O. "We-Co"

**PATCHING PLASTIC PASTES**—See Pastes, Plastic, Patching

**PATTERN MAKERS' BLADE HANDLES**—See Handles Blade, Pattern Makers' and Shirt Cutters  
**PATTERN MAKERS' BLADES**—See Blades, Pattern Makers and Shirt Cutters

**PATTERNMAKERS' HAMMERS**—See Hammers, Patternmakers', Forged Steel

**PATTERN MAKERS' PINCH DOGS**—See Dogs, Pinch

**PATTERN MAKERS' SAWS**—See Saws, Pattern Makers

**PATTERN MAKERS' TOOLS**—See Tools, Pattern Makers'

**PAY CHECKS**—See Checks, Brass, Time, Tool and Pay

**PEACH BASKETS**—See Baskets, Fruit, Vegetable, Etc.

**PEACH PARERS**—See Parers, Fruit and Vegetable  
**PEACH STONERS**—See Stoners, Cherry, Peach, Etc.

**PEA SHELLERS**—See Shellars, Pea

**PEAT MOSS**—See Moss, Peat

**PEAVIES**—See Hooks, Cant

**PEAVY HANDLES**—See Handles, Logging Tool

**PEDAL CARS**—See Cars, Children's, Walking, Hand or Foot Power

**PEDALS, Bicycle**

Persone-Majestic Mfg. Co., Worcester, Mass.  
Torrington Co., Torrington, Conn.  
Wald Mfg. Co., Inc., Mayville, Ky.

**PEELERS, Orange and Grapefruit**

Burns Mfg. Co., Syracuse, N. Y.  
Vaughan Novelty & Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "No-Chip"

**PEG AWLS**—See Awls, Harness, Etc.

**PEIN HAMMERS**—See Hammers, Ball Pein

**PENCIL GRINDERS**—See Grinders, Pencil, Electric, Portable

**PENCIL SHARPENERS**—See Sharpeners, Pencils

**PENCILS, Carpenters'**

Blaisdell Pencil Co., 141 Berkley, Phila., Pa.  
Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
Eagle Pencil Co., 708 E. 13th, New York, N. Y.  
"Sun"  
Erickson (C. E.) & Co., Des Moines, Ia. (Adv.)  
Faber, A. W., Newark, N. J.  
Faber, Eberhard, 39 Greenpoint Av., B'lyn, N. Y.

**PENCILS, Electric**

Carron Mfg. Co., 415 S. Aberdeen, Chicago, Ill.  
"Engrav-Rite," "Magic Pyrorite"  
General Tool Co., 325 N. W. 15th Av., Portland, Ore. "General"  
Ideal Commutator Dresser Co., Sycamore, Ill.  
"Ideal"

**PENCILS, Lumber**—See Pencils, Carpenters'

**PENCILS, Paper**

American Lead Pencil Co., Hoboken, N. J.  
Blaisdell Pencil Co., 141 Berkley, Phila., Pa.  
"Cellophane"  
Conklin Pen Mfg. Co., Toledo, O. "Endura"  
Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
Erickson (C. E.) & Co., Des Moines, Ia. (Adv.)  
Laughlin Mfg. Co., Detroit, Mich. (Mechanical)

**PENDANTS, Electric Pull Chain**

Bead Chain Mfg. Co., Bridgeport, Conn.

**PENNANTS**

(See also Flags)

Annis & Co., 85 5th Av., New York, N. Y.  
Bradford & Co., St. Joseph, Mich.  
Dettra Flag Co., Inc., Oake, Pa. "Dettra"  
Emerson Mfg. Co., Inc., San Francisco, Cal.  
Goodell (Jas. M.), Chicago, Ill.  
Stall & Dean Mfg. Co., Brockton, Mass.

**PENS, Bull, Cow and Calf**

Clay Equipment Corp., Cedar Falls, Ia.  
Drew Line Co., Fort Atkinson, Wis.  
Franklin Equipment Co., Monticello, Ia.  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
Hall Mfg. Co., Cedar Rapids, Ia.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.

James Mfg. Co., Fort Atkinson, Wis.  
Louden Mch. Co., Fairfield, Ia.  
Milwaukee Hay Tool Co., Milwaukee, Wis. "Leader"  
Mitchell Mfg. Co., Milwaukee, Wis.

Ney Mfg. Co., Canton, O.  
Rochester Barn Equipment Co., Rochester, N. Y. "Rochester"  
Starline, Inc., Harvard, Ill.  
West Bend Equipment Co., West Bend, Wis.  
Western Steel & Iron Wks., De Pere, Wis.

**PENS, Hog**

Clay Equipment Corp., Cedar Falls, Ia.  
Drew Line Co., Fort Atkinson, Wis.  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.

Ney Mfg. Co., Canton, O.  
Starline, Inc., Harvard, Ill.

**PEPPER SHAKERS**—See Shakers, Salt and Pepper

**PERAMBULATORS**—See Carriages, Baby

**PERCOLATOR HANDLES**—See Handles, Percolator

**PERCOLATOR TOPS**—See Tops, Percolator

**PERCOLATORS, Coffee**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
"Comet," "Mirro," "Viko"  
Aluminum Products Co., La Grange, Ill. "Lifetime"  
American Aluminum Mfg. Co., Lemont, Ill. "American Maid"  
American Aluminum Ware Co., 274 Jelliff Av., Newark, N. J. "Peerless"

American Copper & Brass Wks., Cincinnati, O.  
Atlantic Stamping Co., Rochester, N. Y.

Brush Pottery Co., Zanesville, O. "Gardiner"

Buckeye Aluminum Co., Wooster, O. "Buckeye"

Carrollton Metal Products Co., Carrollton, O. "Carrollton" (Stainless Steel)

Columbian Enameling & Stamping Co., Terre Haute, Ind. "Cesco," "Porcelite"

Corning Glass Wks., Corning, N. Y. "Pyrex"

Enterprise Aluminum Co., Massillon, O.

Federal Enameling & Stamping Co., McKees Rocks, Pa.

Geuder, Paeschke & Frey Co., Milwaukee, Wis.

Griswold Mfg. Co., Erie, Pa.

Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"

Kewaskum Aluminum Co., Kewaskum, Wis.

Landers, Frary & Clark, New Britain, Conn. "Universal"

Leyse Aluminum Co., Kewauke, Wis. "Pricella"

Lisk Mfg. Co., Canandaigua, N. Y.

Moore Enameling & Mfg. Co., W. Lafayette, O.

"Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"

National Aluminum Mfg. Co., Peoria, Ill. "Health"

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

Polar Ware Co., Sheboygan, Wis.

Prisk (Wm. M.) & Sons Mfg. Co., Yalesville, Conn.

Process Metal Corp., Lockport, N. Y. "Krome-Alume"

Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.

Stainless Steel Products, La Grange, Ill. "Lifetime" (Stainless Steel)

Standard Aluminum Co., Two Rivers, Wis.

U. S. Stamping Co., Moundsville, W. Va.

Vollrath Co., Sheboygan, Wis.

Wagner Mfg. Co., Sidney, O.

West Bend Aluminum Co., West Bend, Wis. "Bell"

**PERCOLATORS, Coffee, Electric**

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"

Aluminum Goods Mfg. Co., Manitowoc, Wis.

"Mirro," "Viko"

Armstrong Products Corp., Huntington, W. Va.

"Perco-Toaster"

Bersted Mfg. Co., Fostoria, O.

Betty Ross Electric Products Corp., Johnson City, N. Y.

Chicago Flexible Shaft Co., Chicago, Ill. "Embassy," "Sunbeam"

Dominion Electric Mfg. Co., Mansfield, O. "Domino"

Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"

Forman Bros., Inc., 185 B'way, B'klyn, N. Y.

General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"

Landers, Frary & Clark, New Britain, Conn. "Universal"

Manning, Bowman & Co., Meriden, Conn.

Metal Ware Corp., Two Rivers, Wis. "Empire"

Meyers (Jay) Corp., 36 South, State, Chicago, Ill. "Jiffy"

National Stamping & Elec. Wks., Chicago, Ill. "White Cross"

Rutenber Electric Co., Marion, Ind. "Marion"

Samson-United Corp., Rochester, N. Y.

Superior Elec. Products Corp., Cape Girardeau, Mo. "Superlectric"

Waage, A. H., 112 Chambers, New York, N. Y.

Waage Mfg. Co., 3982 W. Barry Av., Chicago, Ill.

Westinghouse Electric & Mfg. Co., Mansfield, O.

**PERCOLATORS, Toy**—See Sets, Cooking, Toy

**PERFORATED CHAIR SEATS**—See Seats, Chair, Perforated

**PERFORATED METAL**—See Sheets, Perforated

**PERFORATED PIPE STRAP HANGERS**—See Hangers, Pipe, Perforated Strap

**PERFORATORS, Lawn**

Hastings Canvas & Mfg. Co., Hastings, Neb. "Turf-Tool"

Ess-En-EE Mfg. Co., 621 E. Cameron, Tulsa, Okla.

Pick Mfg. Co., Omaha, Neb. "Spike Tamp"  
Universal Lawn Tool Co., 3450 N. E. B'way, Portland, Ore. "Washburn"

**PERSONAL LOCKS**—See Locks, Personal

**PET COCKS**—See Cocks, Pet

**PEWTER METALS**—See Metals, Pewter

**PHONOGRAPH NEEDLES**—See Needles, Phonograph

**PHOSPHOR BRONZE WIRE**—See Wire, Phosphor Bronze

**PHOTO ELECTRIC CELL EQUIPMENT**—See Relays, Photo, Electric

**PIANO MAKERS' CLAMPS**—See Clamps, Cabinet Makers'

**PIANOS, Toy**

American Mfg. Concern, Falconer, N. Y.  
Cass (N. D.) Co., Athol, Mass.

Dowst Mfg. Co., Chicago, Ill.

Mason & Parker Co., Winchendon, Mass.

Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.

**PICK HANDLES**—See Handles, Hickory; Also Handles, Oak

**PICKAROONS**

American Logging Tool Co., Evert, Mich.

Peavey Mfg. Co., Brewer, Me.

Leach Co., Oskosh, Wis.

Snow & Nealley Co., Bangor, Me. "Our Best"

Warren Axe & Tool Co., Warren, Pa.

**PICKERS, Fruit, Etc.**

Central Wire Frame Co., 219 E. 26th, New York, N. Y.

Hamblin & Russell Mfg. Co., Worcester, Mass.

Komada Bros., 1008 Vine, Phila., Pa.

Rinn (Albert E.) Co., Allentown, Pa. "Pennsylvania"

Washburn Company, Worcester, Mass.

**PICKERS, STONE**—See Forks, Stone Picker

**PICKS**

Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.

"Red Edge"

Collins Co., Collinsville, Conn. "Collins Legitimate"

Diamond Calk & Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"

Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Evansville"

Hardocq Mfg. Co., Ottumwa, Ia.

Hubbard & Co., Pittsburgh, Pa.

Iron City Tool Wks., Pittsburgh, Pa.

Kelly Axe & Tool Wks. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Hunt's"

Klein-Logan Co., Pittsburgh, Pa.

Leetonia Tool Co., Leetonia, O.

Oliver Iron & Steel Corp., Pittsburgh, Pa.

Vulcan Tool Mfg. Co., Quincy, Mass.

Warren Tool Corp., Warren, O. "Quikwerk"

Warwood Tool Co., Wheeling, W. Va.

Woodings-Verona Tool Wks., Verona, Pa.

**PICKS, Clinker**

Farrell-Cheek Steel Co., Sandusky, O.

Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.

Leetonia Tool Co., Leetonia, O.

National Tool Co., 90 Walker, New York, N. Y.

**PICKS, Ice**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.

American Lime Corp., 373 Washington, New York, N. Y. "Fresco"

Bridell (Chas. D.), Inc., Crisfield, Md. "Bridell"

Carver Tool Wks., Spring Valley, N. Y.

Chattillon (John) & Sons, 85 Cliff, New York, N. Y.

Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"

Dover Stamping & Mfg. Co., Cambridge, Mass.

Duffy Mfg. Co., Chicago, Ill.

Erickson (C. E.) & Co., Des Moines, Ia.

Hamilton Beach Co., Racine, Wis.

Hills, Edwin, Plainville, Conn.

Mayhew Steel Products, Inc., Shelburne Falls, Mass.

Millers Falls Co., Greenfield, Mass.

Mitchell Brothers Co., Kalaska Handle Co. Div., Cadillac, Mich.

Osborne (C. S.) & Co., Harrison, N. J.

Peerless Novelty Co., 105 Fulton, Grand Haven, Mich.

Phoenix Hdw. Mfg. Co., Buffalo, N. Y.

P. M. C. Mfg. Corp., Phenicia, N. Y.

Robinson (M. W.) Co., 296 B'way, New York, N. Y.

Ryan (James J.) Tool Wks., Southington, Conn.

Sargent & Co., New Haven, Conn.

Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad Av., Newark, N. J.

Southington Hardware Co., Southington, Conn.

Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.

Stanley Tools Div., Stanley Works, New Britain, Conn.

Stephens (Windsor) & Co., Waltham, Mass. "Acme"

Stevenson Mfg. Co., South Bend, Ind.

Stover Mfg. & Engine Co., Freeport, Ill.

**PICKS, Ice (Continued)**

Stoware, Inc., Stowe, Vt.  
 Swan (Jas.) Co., Seymour, Conn.  
 Thomson Drop Forge Co., Plantsville, Conn.  
 Tuck Mfg. Co., Brockton, Mass.  
 United Wire Gds. Mfg. Co., Inc., 1150 Bway, New York, N. Y. "Unitool"  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. (All Metal and Wood Handles)  
 Wallace Bros., Wallingford, Conn. "Spring-O-Matic"  
 Washburn Company, Worcester, Mass.  
 Williams (A. C.) Co., Ravenna, O.  
 Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.  
 Wrightsville Hdw. Co., Wrightsville, Pa.

**PICKS, Lock Opening**

Hoffman (H.) Co., 6243 N. Western Av., Chicago, Ill.  
 Majestic Lock Co., 6 Murray, New York, N. Y. "Lockaid"  
 Stewart (F. W.) Mfg. Co., 344 W. Huron, Chicago, Ill. "Circle Ess"

**PICNIC BASKETS**—See Baskets, Picnic

**PICNIC GRILLS**—See Grills, Charcoal

**PICNIC ICE BOXES**—See Boxes, Ice, Picnic

**PICNIC REFRIGERATORS**—See Boxes, Ice, Picnic

**PICNIC TABLES**—See Tables, Picnic

**PICTURE BOOKS, Children's**—See Books, Children's

**PICTURE CHAIN**—See Wire, Picture

**PICTURE CORD**—See Wire, Picture

**PICTURE FRAME TOOLS**—See Tools, Picture Frame

**PICTURE FRAMES**—See Frames, Picture

**PICTURE HANGERS**—See Hangers, Picture

**PICTURE HOOKS**—See Hooks, Picture

**PICTURE PUZZLES**—See Puzzles

**PICTURE WIRE**—See Wire, Picture

**PIE PLATES**—See Plates, Pie

**PIERCED WARE**—See Ware, Pierced

**PIG FORCEPS**—See Forceps, Pig

**PIG LEAD**—See Lead, Pig

**PIG SOLDER**—See Solder, Pig

**PIG WATERING BOWLS**—See Bowls, Watering, Hog

**PIGEON MARKERS**—See Bands, Leg, Poultry

**PIGEONS, Clay**

Black Products Co., Chicago, Ill.  
 Chamberlain Target & Trap Wks., of Remington Arms Co., Bridgeport, Conn. "Blue Rock"  
 Western Cartridge Co., Dept. 50, East Alton, Ill. "White Flyer"

**PIGMENTS for Aluminum Paint**

Aluminum Co. of America, 1841 Gulf Bldg., Pittsburgh, Pa. "Albron," "Alcoa"

**PIKE POLE HANDLES**—See Handles, Logging Tool

**PIKE POLES**—See Poles, Pike

**PILASTERS and STRIPS**

Stensgaard (W. L.) & Associates, Inc., 246 N. Justine Av., Chicago, Ill. "G.D.S. Re-In"

**PIN BOARD GAMES**—See Games, Pin Board

**PIN HOSE and PLUG SPANNERS**—See Spanners, Pin Hose and Plug

**PIN HOSE SPANNERS**—See Spanners, Pin Hose and Plug

**PIN PUNCHES**—See Punches, Pin

**PIN VISES**—See Vises, Jewelers'

**PINCERS**

Champion-De Arment Tool Co., Meadville, Pa. "Favorite," "Maud-S," "Our Pride"  
 Crescent Tool Co., Jamestown, N. Y. "Crescent"  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pecto"  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. (Imported)  
 Sargent & Co., New Haven, Conn.  
 Utica Drop Forge & Tool Corp., Utica, N. Y.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Village Blacksmith Folks, Watertown, Wis.

**PINCERS, Cast Iron**

Ennis Mfg. Co., Reading, Pa.  
 Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Av., Newark, N. J.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 U. S. Lock & Hdw. Co., Columbia, Pa.  
**PINCH BARS**—See Bars, Pinch  
**PINKING SHEARS**—See Shears, Pinking

**PINNERS, Curtain**

Chicago Curtain Stretcher Co., 37011 S. May, Chicago, Ill. "Roll-On"

**PINS, Bandage**

Perforated Pad Co., Woonsocket, R. I.

**PINS, Blanket**

Perforated Pad Co., Woonsocket, R. I. "Lindsay"

**PINS, Carving**

Hollis Co., Inc., 207 Market, Newark, N. J. "Anchor"

**PINS, Clothes, Metal**

Andrews Wire Products Co., Inc., Lake Charles, La. "Handy Hannah"

**PINS, Clothes, Plastic**

Detroit Macoid Corp., 12345 Cloverdale Av., Detroit, Mich. "Klipit"

**PINS, Clothes, Spring Clips**

Berst-Forster-Dixfield Co., 155 E. 44th, New York, N. Y.  
 DeMerritt Co., Waterbury, Vt. "Holdfast"  
 National Clothes Pin Co., Montpelier, Vt. "Hold Tight," "Klos Klips," "Moore"  
 Penley Bros. Co., West Paris, Me.  
 Steele-Wallace Corp., Hanly & Bruno, St. Louis, Mo. "Glen Rock"  
 U. S. Clothes Pin Co., Montpelier, Vt. "Bull Dog," "Putnam"  
**PINS, Clothes, Toy**—See Sets, Laundry, Toy

**PINS, Clothes, Wood, Ordinary**

Berst-Forster-Dixfield Co., 155 E. 44th, New York, N. Y.  
 Consolidated Wood Products Co., Island Falls, Me.  
 DeMerritt Co., Waterbury, Vt.  
 Diamond Match Co., 50 Church, New York, N. Y. "Iron Klud"  
 Lake Independence Lumber Co., Big Bay, Mich.  
 Lauber Handle Mfg. Co., 3242 W. National Av., Milwaukee, Wis.  
 Mann (Lewis M.) & Son, West Paris, Me. "Oriental"  
 Oval Wood Dish Corp., Tupper Lake, N. Y.  
 Peck, C. A., East Haddam, Conn. "Happy Monday"  
 Penley Bros. Co., West Paris, Me. "Kant Roll"  
 Piqua Munising Wood Products Co., Cleveland, O. "Sunnyday"  
 Richard & Bechtold, Bellaire, Mich.  
 Richmond Cedar Wks., Richmond, Va. "Anchor," "Lion"  
 Sonestown Mfg. Co., Williamsport, Pa.  
 Steele-Wallace Corp., Hanly & Bruno, St. Louis, Mo. "Acme," "Boss," "Daisy"  
 Summit Lumber Co., Davidson, Me.  
 Weston Paper & Mfg. Co., Dayton, O.

**PINS, Concrete**

Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O. "Nodril"

**PINS, Cotter**

(See also Cotters and Keys)

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Campbell Hammerlock"  
 American Steel Co., Pittsburgh, Pa. "Kelkotters"  
 Brooks (M. S.) & Sons, Chester, Conn.  
 Chase Brass & Copper Co., Waterbury, Conn. (Brass)  
 Cobb & Drew, Inc., Plymouth, Mass.  
 Dorman Star Washer Co., 1004 Sycamore, Cincinnati, O. "Dorman"  
 Eaton Mfg. Co., Reliance Spring Washer Div., Massillon, O. "Reliance"  
 Hindley Mfg. Co., Valley Falls, R. I.  
 Hubbard Spring Mfg. Co., Pontiac, Mich.  
 Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland, O.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O. "Efficiency"  
 National Screw & Mfg. Co., Cleveland, O.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Standard Horse Nail Corp., New Brighton, Pa.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Washburn Company, Worcester, Mass.  
 Western Wire Products Co., 1415 S. 18th, St. Louis, Mo. "WW"  
 Whitaker Mfg. Co., Chicago, Ill.

**PINS, Coupling**

Lamson & Sessions Co., 1971 W. 85th Street, Cleveland, O. "Jay"

**PINS & DOWEL RODS, Metal**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Wellman Products Co., Cleveland, O. "Crescent"

**PINS, Drapery**

Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Kirsch Co., Sturgis, Mich. "Non-Sew-On"  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass. "Bull Dog"  
 Turner & Seymour Mfg. Co., Torrington, Conn.

**PINS, Drift**

Fairmount Tool & Forging Co., Cleveland, O.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Plomb Tool Co., Los Angeles, Cal.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Stanley Tools Div. of Stanley Works, New Britain, Conn.  
 United Screw & Bolt Corp., 2513 W. Callerton, Chicago, Ill.  
 Vlcchek Tool Co., Cleveland, O.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Wks., Verona, Pa.

**PINS, Escutcheon**

American Screw Co., Providence, R. I.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Clendenin Bros., Inc., 110 South, Baltimore, Md.  
 Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
 Continental Screw Co., New Bedford, Mass.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Corbin Screw Corp., New Britain, Conn.  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H.  
 Hassall (John) & Co., 402 Oakland, B'klyn, N. Y.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Newell Mfg. Co., Ogdenburg, N. Y.  
 Stimpson (Edwin B.) Co., 70 Franklin, Av., B'klyn, N. Y.  
 Townsend Co., New Brighton, Pa.  
 Turner & Seymour Mfg. Co., Torrington, Conn. "Star"  
 Western Newell Mfg. Co., Freeport, Ill.

**PINS, Grooved**

Groov-Pin Corp., 411 Kerrigan Av., Union City, N. J. "Groov-Pin"

**PINS, Insulator, Wood**

Hurt & Co., Ferrum, Va.

**PINS, Piston, Automobile**

Stover Mfg. & Engine Co., Freeport, Ill. "Stover-Swartz"

**PINS, Piston, Tractor**

Stover Mfg. & Engine Co., Freeport, Ill. "Stover-Swartz"

**PINS, Push**

Heller (W. C.) & Co., 700 Bryant, Montpelier, O. (Marking)  
 Holland Mfg. Co., Central Av. & Bank, Baltimore, Md.  
 Houze (L. J.) Convex Glass Co., Point Marion, Pa. "Houzer"  
 Moore Push-Pin Co., 113-125 Berkley, Phila., Pa. (Glass & Aluminum)  
 Stranky Products Corp., 261 Canal, New York, N. Y. "Never Break"  
 Sweet (H. E.) Mfg. Co., 77 Norwood Av., Edgewood, R. I. "Sweet's" (Plastic Moulded)  
 Turner & Stanton Co., Norwalk, Conn.  
 Warren (J. D.) Mfg. Co., Montpelier, O. (Marking)  
 Waterbury Tack Co., Inc., 200 5th Av., New York, N. Y.

**PINS, Rolling**

Cambridge Glass Co., Cambridge, O.  
 Imperial Mfg. Co., Cambridge, O. "Crystal," "Dis Wood," "White Opalite"  
 Maple Lumber Co., Urbana, O.  
 Piqua Munising Wood Products Co., Cleveland, O.  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. (Swedish)  
 Sommer (John) Faucet Co., 30 Morris Av., Newark, N. J.  
 Stevenson Mfg. Co., South Bend, Ind.  
 Stoware, Inc., Stowe, Vt.  
 Thorpe Ball Bearing Rolling Pin Co., Cheshire, Conn.  
 United States Glass Co., Pittsburgh, Pa.  
 Wells (Frank B.) Co., Bristol, N. H.

**PINS, Shower Curtain**

Austern (C.) Corp., 29 E. 22nd, New York, N. Y. "Caco"  
 Brey-Krause Mfg. Co., Allentown, Pa.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Fisher Brass, Inc., Marysville, O.  
 Hindley Mfg. Co., Valley Falls, R. I.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Kirsch Co., Sturgis, Mich.  
 North & Judd Mfg. Co., New Britain, Conn.  
 Turner & Seymour Mfg. Co., Torrington, Conn. "Wilwear"  
 Ulrich (B.) Co., Milwaukee, Wis.

# Le Page's Products



No. 35



No. 27



No. 10

## Le Page's Glue

This shows the new 10¢ line of bottles and tubes. The 10¢ bottles are packed in attractive counter displays while the tubes are packed on a very striking display card.

The large bottles and tubes are packed in one dozen colored counter displays individually cartoned. Gill size packed in counter display holding one dozen. All cans have outside friction tops easily removed, quickly closed. National advertising has helped to make sales easier on this line.

Cat. No.	No.	In Case	Weight per Case	List
10	Bottles 10¢ size	1 gross	32 lbs.	\$14.40 gro.
11	Tubes 10¢ size	1 gross	22 lbs.	14.40 gro.
25	Large Bottles	6 dozen	25 lbs.	28.80 gro.
27	Large Tubes	6 dozen	13 lbs.	28.80 gro.
30	Gill Cans	3 dozen	16 lbs.	
	(or 4 oz.)	6 dozen	33 lbs.	3.60 doz.
31	Half Pints	2 dozen	20 lbs.	6.00 doz.
32	Pints	1 dozen	18 lbs.	10.20 doz.
33	Quarts	1 dozen	34 lbs.	18.00 doz.
35	Gallons	1/2 dozen	72 lbs.	54.00 doz.
36	5 Gallon Can	1 only	55 lbs.	4.20 gal.

## Le Page's Gripspreader Mucilage

A patented rubber-spreader idea. Squeeze rubber tip, invert bottle and spread. Has switched millions of people from old-fashioned paste pots and jars. A special process gives this high-grade mucilage a quick, sure stick. Two sizes retailing for 10 and 25 cents. In counter displays holding one doz. each.

Cat. No.	No.	In Case	Weight per Case	List
7	Standard size	12 doz.	42 lbs.	\$15.00 gro.
77	Office size	3 doz.	21 lbs.	3.00 doz.



## Le Page's Liquid Solder



A dependable product that has proven a wonderful seller. Fixes metals—mends practically all materials—fabrics, leather, radiators, kitchenware, furniture, crockery, glass, ivory, wood and numerous other articles.

Metal demonstrator attached to each card helps sell it. One doz. tubes on beautifully lithographed display card makes it a counter attraction.

Cat. No.	No.	Weight	List
48	Tube 1 gro.	40 lbs.	\$36.00 gro.



## Le Page's Tested Glue

In keeping with the progressive trend of selling, Le Page's Hard Glues are packed in "dressed-up" one pound cartons, fifty pounds to the case. Clean to handle—no waste—no weighing—no wrapping—no extra weight given.

- No. A-1. A popular ground sizing glue.
- No. 10. Light colored ground sizing glue.
- No. 60. All hide, fake glue.

Also Le Page's Casein Glue, Le Page's Wheat Paste, Le Page's Cold Water Wall Size, Le Page's Household Cement and Le Page's Aeroplane Glue.

# LE PAGE'S ADHESIVES

Laboratories & Factory

Gloucester

Massachusetts

# HOTSTREAM

can make every prospect a customer!



● Don't turn down profitable water heater sales. Handle Hotstream and you will meet all your customers' needs with models to fit every requirement, for every type of fuel, at prices to suit every pocketbook.

## GAS

Automatic and non-automatic ... a wide variety of models to suit every requirement ... in every price range. Approved by A. G. A. laboratory.

## ELECTRICITY

Highly efficient units ... Round, Table-Top and Cabinet styles. Approved by Underwriters' Laboratories, Government Authorities and Public Utilities.

## FUEL OIL

Latest type, gravity feed oil-burning automatic water heaters—efficient and quiet in operation. 30 and 40 gallon sizes. Approved by Underwriters' Laboratories.

## LIQUEFIED GAS

Complete range of models and sizes specially designed for safe, economical and efficient operation with Butane and Propane. A. G. A. Approval.

## KEROSENE

Efficient, economical manually-controlled kerosene heaters in 7 types and sizes. Approved by Underwriters' Laboratories and Good Housekeeping.

## GASOLINE

Several types available ... simple to operate and install. Only Hotstream is licensed to use the "Coleman" patented Gas Pressure burner.

Get the "Complete Story" on "The Most Complete Line of Water Heaters." WRITE FOR CATALOG NUMBER 40.

THE HOTSTREAM HEATER COMPANY

8007 GRAND AVENUE

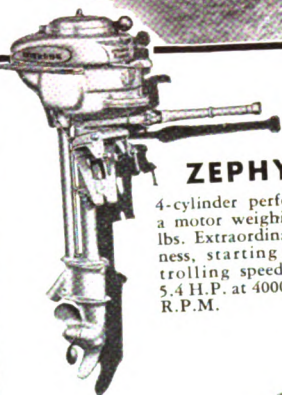
CLEVELAND, OHIO

Mention Hardware Age When Writing



# CASH IN RIGHT!

## —ON SWIFTLY EXPANDING OUTBOARD DEMAND

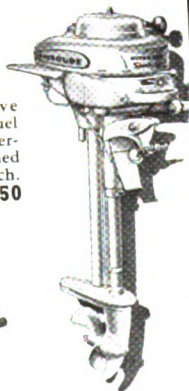


### ZEPHYR

4-cylinder performance in a motor weighing only 43 lbs. Extraordinary smoothness, starting ease, slow trolling speed. Develops 5.4 H.P. at 4000 R.P.M. **\$127<sup>50</sup>**

### SPORTWIN

A smooth and responsive light twin—big capacity fuel tank — rubber floated steering handle, rubber cushioned propeller protection clutch. 3.3 H.P. at 3500 R.P.M. **\$82<sup>50</sup>**



### SPORTSMAN

The favorite of thousands of fishermen — exceptional capability with light weight. Big fuel tank provides long cruising range. Low trolling speed. 2.0 H.P. at 3500 R.P.M. **\$59<sup>50</sup>**

Simplex Starters as illustrated optional at \$7.00 additional cost. Power ratings are N.O.A. certified brake horsepower ratings.



**E**VERYBODY knows what's happened to outboard sales . . . how they've shot up—up—and UP . . . with hundreds of dealers registering extraordinary increases in their outboard sales and profit. But the big profits belong to the dealer who is in it *right* . . . lined up with leadership products which the majority of prospects demand!

Evinrude-Elto dealers *cash in*—in volume—in every price range from the least expensive to the highest priced! Light and handy "singles" priced as low as \$26.50! The widest selection of medium-priced models! And 4 outstanding 4-cylinder models—the *smoothest on the water*—offering performance qualities no other motors can match. Get in—*right!*—send today for full information on the Evinrude and Elto dealer franchises! Address, EVINRUDE MOTORS, 4464 N. 27th St., Milwaukee, Wisconsin.

Evinrude Motors of Canada, Peterboro, Canada

### EVINRUDE LAWN-BOY POWER MOWERS

Here are the power mowers that sell to the volume market. Home owners "sign up" after a single demonstration of the fascinating ease and speed of Evinrude one-hand power mowing. Model "D." \$110. **\$79.<sup>50</sup>** Model "S." only

Write for full information!

# EVINRUDE

**PINS, Taper**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Eaton Mfg. Co., Reliance Spring Washer Div., Massillon, O. "Reliance"  
 Hartford Machine Screw Co., Hartford, Conn.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Sewing Machine Co., Belvidere, Ill.  
 Standard Horse Nail Corp., New Brighton, Pa.  
 Standard Tool Co., Cleveland, O.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
 Western Automatic Machine Screw Co., Elyria, O.

**PINS, Ten**

(See also Balls, Bowling)

Novelty Turning Co., Norway, Me.  
 Rockwell, John L., Monroetown, Pa.  
 Strombeck-Becker Mfg. Co., Moline, Ill.

**PINS, Ten, Toy**

Bradley, C. E., Brattleboro, Vt.  
 Bradley (Milton) Co., Springfield, Mass.  
 Mason & Parker Mfg. Co., Winchendon, Mass.  
 Parker Bros., Salem, Mass.  
 Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"

**PINS, Tent—See Stakes, Tent****PIPE and BENCH COMBINATION VISES—See**

Vises, Combination, Pipe and Bench

**PIPE BANDS—See Bands, Pipe and Tank****PIPE BENDERS—See Benders, Pipe****PIPE, Block Tin**

Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn, N. Y.

Eagle-Picher Lead Co., Cincinnati, O.

Gardiner Metal Co., 4821 So. Campbell Av., Chicago, Ill.

National Lead Co., 111 B'way, New York, N. Y.

**PIPE, Brass—See Tubing, Brass****PIPE, Brass and Copper**

American Brass Co., Waterbury, Conn. "Anaconda"

Bridgeport Brass Co., Bridgeport, Conn. "Plumrite"

Chase Brass & Copper Co., Waterbury, Conn.

**PIPE CAPS—See Fittings, Pipe****PIPE, Cast Iron, Gas and Water**

American Cast Iron Pipe Co., Birmingham, Ala.

Central Foundry Co., 386 4th Av., New York, N. Y. "Universal"

Colorado Fuel & Iron Co., Denver, Colo.

Giamorgan Pipe & Foundry Co., Lynchburg, Va.

Lynchburg Foundry Co., Lynchburg, Va.

National Cast Iron Pipe Co., Birmingham, Ala.

Record Foundry & Machine Co., Livermore Falls, Me.

U. S. Pipe & Foundry Co., East Burlington, N. J.

Walworth Co., 60 E. 42nd, New York, N. Y.

**PIPE, Cast Iron, Soil**

Annisson Foundry Co., Anniston, Ala. "Afco"

Central Foundry Co., 386 4th Av., New York, N. Y.

Charlotte Pipe & Foundry Co., Charlotte, N. C.

Crown Pipe & Foundry Co., Jackson, O.

Eastern Foundry Co., Boyertown, Pa. "Eafco"

Medina Foundry Co., Medina, N. Y.

Nelson (N. O.) Mfg. Co., St. Louis, Mo.

Somerville Iron Works, Somerville, N. J.

Southern Pipe & Foundry Co., Birmingham, Ala.

Weiskittel (A.) & Sons Co., Baltimore, Md.

**PIPE, Cement Lined**

National Tube Co., Frick Bldg., Pittsburgh, Pa.

"Duroline"

**PIPE CLAMPS—See Clamps, Pipe****PIPE CLEANING COMPOUNDS—See Cleaners,**

In-line Pipe and Trap

**PIPE, Conductor and Eave Trough**

Ames (W. R.), San Francisco, Cal.

Karnes Metal Products Co., 4425 W. 16th, Chicago, Ill.

Berger Bros. Co., 229 Arch. Phila. Pa. "Onaker City"

Meyer (F.) & Bro. Co., Peoria, Ill. "Handy"  
 Milcor Steel Co., Milwaukee, Wis. "Interlock"  
 New Delphos Mfg. Co., Delphos, O.  
 New England Steel Roofing Co., Worcester, Mass.  
 New Orleans Roofing & Metal Co., New Orleans, La. "Nola"

Norcor Mfg. Co., Green Bay, Wis.

Norman (W. F.) Sheet Metal Mfg. Co., Nevada, Mo.

Northwest Metal Products, Inc., Seattle, Wash. "Norwesco"

Ohio Corrugating Co., Warren, O.

Reeves Steel & Mfg. Co., Dover, O.

Souther (E. E.) Co., St. Louis, Mo.

Tiffin Art Metal Co., Tiffin, O.

Weyand (Henry) Co., Waterbury, Conn.

Wheeling Corrugating Co., Wheeling, W. Va.

Williams-Wallace Co., 160 Hooper, San Francisco, Cal.

York Corrugating Co., York, Pa.

**PIPE, Copper—See Tubing, Brass and Copper****PIPE, Copper-Steel**

Bethlehem Steel Co., Bethlehem, Pa.

National Tube Co., Frick Bldg., Pittsburgh, Pa.

Republic Steel Corp., Republic Bldg., Cleveland, O.

**PIPE COUPLINGS—See Couplings, Pipe****PIPE COVERING—See Covering, Pipe****PIPE CRIMPERS—See Crimpers, Pipe****PIPE CUTTERS—See Cutters, Pipe****PIPE DIE STOCKS—See Stocks, Die, Pipe and Bolt****PIPE, Eave Trough—See Pipe, Conductor and Eave Trough****PIPE ELBOWS—See Fittings, Pipe****PIPE EXTRACTORS—See Extractors, Pipe****PIPE FITTINGS—See Fittings, Pipe****PIPE and FITTINGS, Furnace**

Acer & Whedon, Medina, N. Y.

Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"

Budke Stamping Co., Canonsburg, Pa.

Clark (Henry N.) Co., Boston, Mass.

Eclipse Metal Mfg. Co., Eden, N. Y.

Excelsior Steel Furnace Co., Chicago, Ill.

Excelsior Stove & Mfg. Co., Quincy, Ill.

Farquhar Furnace Co., Wilmington, O.

Gray Metal Products, Inc., Rochester, N. Y.

Green Foundry & Furnace Works, Des Moines, Ia.

Hill (James) Mfg. Co., Providence, R. I.

Howes (S. M.) Co., Boston, Mass.

Johnson (Chas.) Co., Inc., Peoria, Ill. "Champion"

Keith Furnace Co., Des Moines, Ia.

Lyman, H. B., Southampton, Mass.

Martin Hardsocg Co., Pittsburgh, Pa.

Meyer (F.) & Bro. Co., Peoria, Ill. "Handy"

Milcor Steel Co., Milwaukee, Wis.

Mueller (L. J.) Co., Milwaukee, Wis.

Ohio Stove Pipe & Mfg. Co., 2104 Woodland Av., Cleveland, O.

Penn Supply & Metal Corp., 948 N. 8th, Phila., Pa.

Ravenna Furnace & Heating Co., Ravenna, O.

Reeves Steel & Mfg. Co., Dover O. "Ohio Lock," "Snaplock," "Surelok"

Roberts-Hamilton Co., 707 S. 3rd, Minneapolis, Minn.

Safety Furnace Pipe Co., Detroit, Mich.

Sheet Metal Specialty Co., Pittsburgh, Pa.

Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"

Taplin-Rice-Clerkin Co., Akron, O.

United States Register Co., Battle Creek, Mich.

Williams-Wallace Co., 160 Hooper, San Francisco, Cal.

**PIPE HANGERS—See Hangers, Pipe****PIPE HOOKS—See Hooks, Pipe****PIPE, Iron**

Byers (A. M.) Co., Pittsburgh, Pa.

Cohoes Rolling Mill Co., Cohoes, N. Y.

McDonald (A. Y.) Mfg. Co., Dubuque, Ia.

Republic Steel Corp., Republic Bldg., Cleveland, O.

"Toncan Copper, Molybdenum"

South Chester Tube Co., Chester, Pa.

**PIPE JOINT CEMENT—See Compounds, Pipe Joint****PIPE JOINT COMPOUNDS—See Compounds, Pipe Joint****PIPE, Lead**

Baker Lead Mfg. Co., Worcester, Mass.

Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn, N. Y.

Eagle-Picher Lead Co., Cincinnati, O.

Federated Metals Corp., Chicago, Ill.

Gardiner Metal Co., 4821 So. Campbell Av., Chicago, Ill.

National Lead Co., 111 B'way, New York, N. Y.

Nelson (N. O.) Mfg. Co., St. Louis, Mo.

Rochester Lead Wks., Rochester, N. Y.

United Lead Co., 111 B'way, New York, N. Y.

**PIPE, Lead-Lined**

National Lead Co., 111 B'way, New York, N. Y.

**PIPE NIPPLES—See Fittings, Pipe****PIPE PLATES—See Threaders, Pipe****PIPE LUGS—See Plugs, Pipe****PIPE PUSHERS—See Pushers, Pipe****PIPE PUSHING JACKS—See Jacks, Pipe Pushing****PIPE RACKS—See Racks, Pipe****PIPE RAILING—See Railing, Pipe, Iron, Brass****PIPE REAMERS—See Taps and Reamers, Pipe****PIPE, Riveted**

Biggs Boiler Wks. Co., Akron, O.

Dover Boiler Wks., Inc., Dover, N. J.

Koven (L. O.) & Bro., Inc., Jersey City, N. J.

Lancaster Iron Wks., Inc., Lancaster, Pa.

**PIPE SLEEVES—See Couplings, Pipe; also Fittings, Pipe****PIPE STOCKS AND DIE SETS—See Stocks, Die, Pipe and Bolt****PIPE, Stove**

(See also Pipe, Furnace)

Acorn Elbow & Mfg. Co., Cleveland, O. (Aluminum)

Ballonoff Metal Products Co., 6800 Kinsman Rd., Cleveland, O. (Chrome, Nickel and Aluminum)

Budke Stamping Co., Canonsburg, Pa. "Stay-Lock"

Crunden (Martin) Mfg. Co., St. Louis, Mo.

Excelsior Steel Furnace Co., Chicago, Ill.

Excelsior Stove & Mfg. Co., Quincy, Ill. "National"

Gray Metal Products, Inc., Rochester, N. Y.

Hill (Jas.) Mfg. Co., Providence, R. I.

Hillson (H. M.) Co., 113 Lincoln, Boston, Mass.

Hoelt Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill. "Moe's" (Brooder Pipe & Tees)

Howes (S. M.) Co., Boston, Mass.

Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Mecca Lustre"

International Heater Co., Utica, N. Y.

Jacks-Evans Mfg. Co., 4400 N. Union Blvd., St. Louis, Mo. "Easy Lock," "Improved Snap Lock," "J.-E.-Name," "Jemco Lock"

Lawson (F. H.) Co., Cincinnati, O. "Lawco"

Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis.

Lyon, Conklin & Co., Inc., Baltimore, Md. "Tiger"

Meyer (F.) & Bro. Co., Peoria, Ill. "Handy"

Milcor Steel Co., Milwaukee, Wis. "Lockjoint," "Titelock"

Moncrief-Lenoir Mfg. Co., Houston, Tex.

Northwest Metal Products, Inc., Seattle, Wash. "Norwesco"

Ohio Stove Pipe & Mfg. Co., 2104 Woodland Av., Cleveland, O. "Ohio" (Chrome, Nickel & Aluminum)

Parkersburg Iron & Steel Co., Parkersburg, W. Va. "Acme," "Masterlok," "O. K.," "Universal," "Znapper"

Penn Supply & Metal Corp., 948 N. 8th, Phila., Pa.

Phillips & Buttorff Mfg. Co., Nashville, Tenn.

Reeves Steel & Mfg. Co., Dover, O. "Acme," "Buckeye," "Dover-Smith," "Ohio-Buckeye," "Ohio Lock," "Simplex," "Snaplok," "Surelok"

Sheet Metal Specialty Co., Pittsburgh, Pa. "Security" (Chrome & Nickel)

Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"

Wheeling Corrugating Co., Wheeling, W. Va.

Wilder Mfg. Co., 2001 So. Main, Niles, O. "Wilder-gloss" (Aluminum, Chrome and Nickel)

Williams-Wallace Co., 160 Hooper, San Francisco, Cal.

**PIPE STRAPS—See Straps, Pipe and Conduit****PIPE TAPS—See Taps and Reamers, Pipe****PIPE TREES—See Fittings, Pipe****PIPE THIMBLES—See Thimbles, Pipe****PIPE THREADERS—See Threaders, Pipe****PIPE THREADING MACHINES—See Threading Machines, Pipe****PIPE THREADING TOOLS—See Tools, Threading, Pipe****PIPE TONGS—See Tongs, Pipe****PIPE TOOL CLEANERS—See Cleaners, Pipe Tool****PIPE UNIONS—See Fittings, Pipe****PIPE VISES—See Vises, Chain, Pipe; also Vises, Hinged Pipe****PIPE WRENCHES—See Wrenches, Pipe****PIPE, Wrought Steel**

Allegheny Steel Co., Brackenridge, Pa.

Bethlehem Steel Co., Bethlehem, Pa.

Central Tube Co., Pittsburgh, Pa.

Cohoes Rolling Mill Co., Cohoes, N. Y. "Mohawk"

Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"

Laclede Steel Co., Arcade Bldg., St. Louis, Mo.

National Tube Co., Frick Bldg., Pittsburgh, Pa.

Republic Steel Corp., Republic Bldg., Cleveland, O. (Plain & Toncan Iron)

South Chester Tube Co., Chester, Pa.

Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"

Youngstown Steel Products Co., Youngstown, O.

**PIPELESS FURNACE GRATINGS—See Gratings, Pipeless Furnace****PIPELESS FURNACES—See Furnaces, Pipeless****PIPETTES, Milk Testing—See Testers, Milk and Cream****PISTOL CARTRIDGES—See Cartridges, Rifle, Pistol, Etc.****PISTOL GRIPS—See Grips, Pistol****PISTOL SCORE BOOKS—See Books, Score, Rifle and Pistol****PISTOL SHOOTING MEDALS—See Medals, Rifle and Pistol Shooting****PISTOL SHOOTING TROPHIES—See Trophies, Rifle and Pistol Shooting****PISTOL TARGETS—See Targets, Paper**



**Everyone of  
these Anchors—  
means Repeat  
Business  
for you—**

The field is universal—and the demand great.

The most effective devices of their kind obtainable, coupled with extreme simplicity of installation—assures repeat business and a constantly mounting volume of sales.

Also the largest and most complete line in the world of three point masonry drills for both hand and power drilling.

Combination carton and counter display for household outfits is most unique and practical—a real interest and sales stimulator.

Ask your Jobber for complete information or write direct to

**The Rawlplug Company, Inc.**

97 Lafayette St.  
New York, N. Y.

Branches in all principal cities.

### RAWLPLUGS

Anchors for holding wood screws securely in ANY solid material such as wood, concrete, glass, brick, plaster, metal, tile, etc.



### RAWL-ANCHORS

Anchors for holding bolts permanently in materials such as concrete, marble, stone, brick, etc.

### RAWL-DRIVES

Bolt and Anchor in one piece—drives like a nail into a drilled hole and holds like a bolt. Used only in hard materials such as concrete, brick, etc.

### RAWLS

For Machine Screws

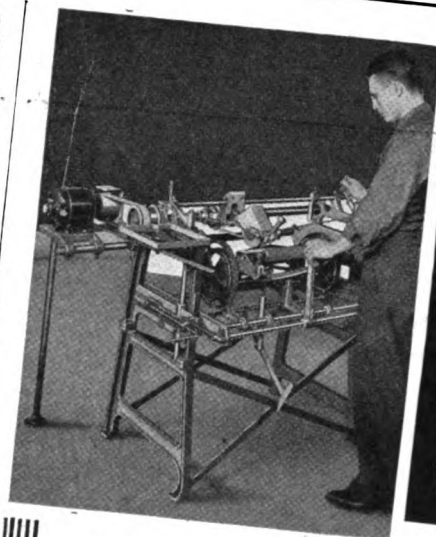
**THE NEWEST ADDITION to the RAWL-LINE. A Machine Screw Anchor that fits the hole drilled either by a new or old drill.**

### RAWL HAMMERSET

NEW heavy duty threaded type machine bolt anchor ideal for bottomless holes, hard floor topping, etc.

### RAWLDRILLS

The original 3-point drill for drilling holes in brick, concrete, etc. Easily sharpened.



**ADD  
TO YOUR  
INCOME**  
BY OFFERING A  
*Guaranteed*  
**LAWN MOWER  
SHARPENING  
SERVICE**

THE IDEAL LAWNMOWER SHARPENER is positively the last word in lawnmower sharpening equipment. Fast and accurate, it replaces the old hand sharpening method and does a far better job. Hundreds of dependable Hardware Dealers offer this service to their customers and make a handsome profit on the side. **COMPLETE PLANS FREE!** Our free plans show you how to establish a successful lawnmower sharpening business as a part of your present service to customers. Many stores average from \$30 to \$40 PER WEEK on the Ideal Sharpener which requires only the spare time of one of the clerks to operate. Send for free catalog today.



**THE FATE ROOT HEATH CO.**  
702 BELL ST. • PLYMOUTH, OHIO

# Johnston PAINTS

**for BIGGER PROFITS . . .  
CUSTOMER - SATISFACTION  
. . . REPEAT SALES**

Johnston Paints, Enamels, Varnishes have outstanding advantages that win new customers and hold the old. They are easy to apply, easy to keep clean, go farther and wear longer.

### PAINTS FOR EVERY PURPOSE

The complete Johnston Line includes house, wall and porch paints; enamels, varnishes, stains; also metal, roof, cement, graphite paints; auto finishes, wood fillers, furniture cleaners and polishes, floor wax, shingle stains and other ware merchant.

Write for details of attractive proposition for your territory.

**THE R.F. JOHNSTON PAINT COMPANY**  
CINCINNATI, OHIO



# Gund

MEANS REAL VALUE IN  
**STUFFED TOYS**

**PANDA BEARS TEDDY BEARS HONEY BEARS  
SCOTTIES TERRIERS PEKES EASTER NOVELTIES  
"MARY LOU" SOFT DOLLS INFANT NOVELTIES**

Stuffed animals are proving a very profitable auxiliary line in many modern hardware stores . . . but you must choose your source carefully. You know that year after year you can look to Gund to head the parade in smart styling, expert workmanship and variety of appeal . . . order from GUND with confidence!

**Gund MFG. CO.**

J. SWEDLIN, Inc., Successors,  
200 Fifth Avenue, New York City  
CHICAGO - SAN FRANCISCO - SEATTLE

Mention Hardware Age When Writing

Digitized by Google



**PISTOLS, Air**

Benjamin Air Rifle Co., 1525 So. 8th, St. Louis, Mo.  
"Benjamin"  
Daisy Mfg. Co., 414 Union, Plymouth, Mich.  
"Targeteer"

**PISTOLS, Automatic**

(See also Revolvers)

Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.  
"Camp Perry"  
High Standard Mfg. Co., New Haven, Conn. "Hi-Standard"  
Smith & Wesson, Springfield, Mass.

**PISTOLS, Liquid**

All-Metal Products Co., Wyandotte, Mich. "Wyandotte"  
Daisy Mfg. Co., 414 Union, Plymouth, Mich. "Buck Jones," "Buck Rogers," "Buzz Barton," "Daisy Jr.," "Squirt-O-Matic"

**PISTOLS, Single Shot**

Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.  
Harrington & Richardson Arms Co., Worcester, Mass.  
Smith & Wesson, Springfield, Mass.  
Stevens (J.) Arms Co., Div. Savage Arms Corp., Chicopee Falls, Mass.

**PISTOLS, Toy**

All-Metal Products Co., Wyandotte, Mich.  
Arrow Novelty Co., 62 W. 14th, New York, N. Y.  
Art Metal Wks., 7 Mulberry, Newark, N. J. "Ronson Repeater"  
Champion Hardware Co., Geneva, O.  
Conestoga Corp., Bethlehem, Pa. "BING-RANG"  
Daisy Mfg. Co., 414 Union, Plymouth, Mich. "Daisy" (Water & Pop, Auto-Magic Picture Gun)  
Dent Hdw. Co., Fullerton, Pa.  
Hubley Mfg. Co., Lancaster, Pa. "Dandy," "Flash" (Repeating Paper Cap)  
Johnson (W. P.) Co., Des Moines, Ia. (Repeating Bell)  
Kenton Hdw. Co., Kenton, O. "Kenton toys" (Paper Cap & Blank Cartridge)  
Kilgore Mfg. Co., Westerville, O. "G-Man," "Six Shooter," "Sportsman" (Repeating Paper Cap)  
Steel Stamping Co., Lorain, O. "Flanders"  
Stevens (J. & E.) Co., Cromwell, Conn. (Paper Cap)

**PISTONS, Automobile**

Stover Mfg. & Engine Co., Freeport, Ill. "Stover-Swarts" (Iron, Alloy & Invar-Strut)

**PISTONS, Tractor**

Stover Mfg. & Engine Co., Freeport, Ill. "Stover-Swarts"

**PIT SAWS**—See Saws, Whip and Pit

**PITCH FORKS**—See under Forks

**PITCH GAGES, Screw**—See Gages, Screw

**PITCH, Roof, Waterproofing**

Barrett Co., 40 Rector, New York, N. Y. "Barrett," "Black Diamond"

**PITCHER SPOUT PUMPS**—See Pumps, Pitcher Spout

**PITCHING HORSE SHOES**—See Shoes, Horse Pitching

**PIVOTS, Sash**—See Centers, Sash

**PLAIN AND ORNAMENTAL RIDGING**—See Rells, Ridge

**PLAIN WIRE**—See Wire, Plain

**PLANE HANDLES**—See Handles, Plane

**PLANE IRONS**—See Irons, Plane

**PLANNER JACKS**—See Jacks, Planer

**PLANNER TOOL HOLDERS**—See Holders, Tool, Lathe, Planer, Etc.

**PLANNER TOOLS**—See Tools, Lathe and Planer

**PLANERS, Surface, Electric, Homecraft**

Bolce-Crane Co., 1780 Norwood Av., Toledo, O. "Bolce-Crane"

Carter (R. L.) Co., New Britain, Conn. "Carter"

Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.

Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.

Oliver Machinery Co., Grand Rapids, Mich.

Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"

Unit Electric Tool Co., Inc., Syracuse, N. Y. "Unit"

Stanley Electric Tool Div., New Britain, Conn.

Walker Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"

Wallace (J. D.) & Co., 184 S. California Av., Chicago, Ill. "Workace"

Yates-American Machine Co., Beloit, Wis.

**PLANES**

Capewell Mfg. Co., 60 Governor, Hartford, Conn. "Capewell"

Carter (R. L.) Co., New Britain, Conn. "Carter" (Electric, Hand; Also Groover for Weatherstrip)

Central Hdw. Co., Phila., Pa. "Goodall"

Ennis Mfg. Co., Reading, Pa.

Mail Tool Co., 7740 S. Chicago Av., Chicago, Ill.

"Mail" (Electric Hand)

Metal Products Corp., 510 First Av., West Haven, Conn. "Par-Plus"

Millers Falls Co., Greenfield, Mass.

Miniature Plane Co., Quincy, Mass. "Midget"  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

Pruitt (D. H.) Tool Works, 5295 W. 180, Cleveland, O.

Sargent & Co., New Haven, Conn.

Shelton Tool Co., Shelton, Conn.

Stanley Tools Div., Stanley Works, New Britain, Conn. "Bailey," "Bed Rock," "Defiance," "Stanley"

Utility Hardware Corp., 315 Berry, B'klyn, N. Y. "Utility"

Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."

Washburn Company, Worcester, Mass.

**PLANES, Razor Blade**

Toolcraft Corp., 1032 W. Fulton, Chicago, Ill.

**PLANES, Wood**

Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. (Swedish)

**PLANKS, Fish**—See Planks, Steak and Fish

**PLANKS, Steak and Fish**

Dillingham Mfg. Co., Sheboygan, Wis.

Stoware, Inc., Stow, Vt.

**PLANT FOOD**—See Food, Plant

**PLANT LABELS**—See Markers, Plant

**PLANT MARKERS**—See Markers, Plant

**PLANT SETTERS**—See Setters, Plant

**PLANT STANDS**—See Stands, Aquarium and Plant

**PLANT STIMULANTS**—See Vitamins B<sub>1</sub> for Plants

**PLANT SUPPORTS**—See Supports, Wire, Plant and Shrub

**PLANTERS, Corn, Hand**

Acme Mfg. Co., Traverse City, Mich. "Acme,"

American Standard Planter Co., Burr Oak, Mich.

C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kohler"

Eagle Machine Co., Lancaster, O.

Gantt Mfg. Co., Macon, Ga.

Ohio Cultivator Co., Bellevue, O. "Black Hawk"

Superior Churn & Mfg. Co., Northville, Mich. "Superior"

Universal Metal Products Co., Lowell, Mich. "Universal"

Wiard Plow Co., Batavia, N. Y.

**PLANTERS, Corn and Cotton, Walking**

Avery (B. F.) Sons Co., Inc., Louisville, Ky. "Carolina," "Delta," "Memphis," "New Union," "Red Fox," "Shawnee Jr."

Blount Plow Works, Evansville, Ind.

Campbell-Hausfeld Co., Harrison, O.

Case (J. I.) Co., Racine, Wis.

Cole Mfg. Co., Charlotte, N. C.

Gantt Mfg. Co., Macon, Ga.

International Harvester Co., Inc., 180 N. Michigan Ave., Chicago, Ill. "McCormick-Deering"

Kelley (G. A.) Plow Co., Longview, Tex. "Dandy Boss"

King Plow Co., Atlanta, Ga. "Georgia Cracker"

Massey-Harris Co., Racine, Wis.

Minneapolis-Moline Power Implement Co., Minneapolis, Minn. "Flying Dutchman"

Ohio Cultivator Co., Bellevue, O. "Black Hawk"

Oliver Farm Equipment Co., 400 W. Madison, Chicago, Ill. "Farmer's Favorite"

Southern Plow Co., Columbus, Ga. "Ledbetter One-Seed"

**PLANTERS, Potato, Hand**

Acme Mfg. Co., Traverse City, Mich. "Acme,"

American Standard Planter Co., Burr Oak, Mich.

C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kohler"

Meronek Mfg. Co., Stevens Point, Wis. "Invincible"

Universal Metal Products Co., Lowell, Mich. "Universal"

**PLANTS, Lighting**—See Lighting, Plants, Farm

**PLAQUE HANGERS**—See Hangers, Plate and Plaque

**PLASTER BOARD NAILS**—See Nails, Wall Board

**PLASTER BOARDS**—See Boards, Wall

**PLASTER KNIVES**—See Knives, Bandage and Plaster

**PLASTER OF PARIS**

Ambassador Specialties, Inc., 6440 De Buel Av., Detroit, Mich. "Tebson"

Atlantic Gypsum Products Co., Boston, Mass.

Michigan Gypsum Co., Grand Rapids, Mich.

National Gypsum Co., Inc., 192 Delaware Av., Buffalo, N. Y.

Reliable Paste Co., Chicago, Ill.

Tomkins (Calvin) Co., 50 Church, New York, N. Y. "Old Newark"

United Gilsonite Laboratories, Scranton, Pa. "U-G-L"

U. S. Gypsum Co., 302 W. Adams, Chicago, Ill. "Red Top"

Universal Gypsum & Lime Co., Chicago, Ill.

**PLASTER, PATCHING**—See Patching Plaster

**PLASTERERS' FLOATS**—See Floats, Plasterers'

**PLASTERERS' HAWKS**—See Hawks, Plasterers'

**PLASTERERS' MITRE RODS**—See Rods, Mitre, Plasterers'

**PLASTERERS' PADDLES**—See Paddles, Plasterers'

**PLASTERERS' SAWS**—See Saws, Plasterers'

**PLASTERERS' TOOL BAGS**—See Bags or Bells, Tool

**PLASTERERS' TOOLS**—See article desired

**PLASTERERS' TROWELS**—See Trowels, Plasterers'

**PLASTIC CLOTHES PINS**—See Pins, Clothes, Plastic

**PLASTIC DOOR KNOBS**—See Knobs, Door, Plastic

**PLASTIC DRAWER PULLS**—See Pulls, Drawer, Plastic

**PLASTIC FURNITURE KNOBS**—See Knobs, Furniture, Plastic

**PLASTIC METAL**—See Metal, Plastic

**PLASTIC MOLDED WARE**—See Ware, Molded, Plastic

**PLASTIC OILERS**—See Oilers, Plastic

**PLASTIC PAINTS**—See Paints, Plastic; also Paints, Texture

**PLASTIC RUBBER**—See Rubber, Plastic, Mending

**PLASTIC SOLDER**—See Metal, Plastic

**PLASTIC WOOD**—See Wood, Plastic

**PLASTIC SAWS**—See Saws, Plastic

**PLATE COVERS**—See Covers, Bottle, Bowl, Jar, Plate, etc.

**PLATE GLASS**—See Glass, Plate, Polished

**PLATE HANGERS**—See Hangers, Plate and Plaque

**PLATE SCRAPERS**—See Scrapers, Plate

**PLATE WARMERS**—See Warmers, Plate

**PLATE ZINC**—See Zinc, Plate

**PLATED TABLE WARE**—See Ware, Table, Hollow Plated

**PLATES, Corner**

Brainerd Mfg. Co., East Rochester, N. Y.

Corbin Cabinet Lock Co., New Britain, Conn.

Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. "Micklin Dual"

Griffin Mfg. Co., Erie, Pa.

McKinney Mfg. Co., Pittsburgh, Pa.

Safe Padlock & Hardware Co., Lancaster, Pa.

Western Products, Inc., New Castle, Ind.

**PLATES, Drop Letter**

Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.

Champion Hdw. Co., Geneva, O.

Chesler (J.) & Sons Co., 41 Varick Av., B'klyn., N. Y.

City Plating & Mfg. Co., St. Louis, Mo.

Clinton Lock Co., Clinton, Ia.

Corbin, P. & F., New Britain, Conn.

Detroit Hdw. Mfg. Co., Detroit, Mich.

Eagle Lock Co., Terryville, Conn.

Ennis Mfg. Co., Reading, Pa.

Ives (H. B.) Co., New Haven, Conn.

Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

McKinney Mfg. Co., Pittsburgh, Pa.

Mohr Mfg. Co., Detroit, Mich.

National Brass Co., Grand Rapids, Mich. "Dexter"

Norwalk Lock Co., 261 B'way, New York, N. Y.

Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.

Patent Novelty Co., Inc., Fulton, Ill.

Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.

Penn Hdw. Co., Reading, Pa.

Reading Hdw. Corp., Reading, Pa.

Russell & Erwin Mfg. Co., New Britain, Conn.

Safe Padlock & Hardware Co., Lancaster, Pa.

Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.

Sargent & Co., New Haven, Conn.

Shelby Spring Hinge Co., Shelby, O.

Skillman Hardware Mfg. Co., Trenton, N. J.

Slaymaker Lock Co., Lancaster, Pa.

Yale & Towne Mfg. Co., Stamford, Conn.

**PLATES, Electric**—See Plates, Hot, Electric, Gas, Etc.

**PLATES, Fellow**

American Nut & Bolt Fastener Co., Pittsburgh, Pa.

Crosby Co., 188 Pratt, Buffalo, N. Y.

Hagers (C.) & Sons, Hinge Mfg. Co., St. Louis, Mo.

Sessions (J. H.) Son, Bristol, Conn.

Woodruff (Walter W.) & Sons Co., Mt. Carmel, Conn.

Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**PLATES, Floor and Ceiling**

Beaton & Caldwell Mfg. Co., New Britain, Conn. "Perfection"

Beaton & Corbin Mfg. Co., Southington, Conn.

Grabler Mfg. Co., 6565 B'way, Cleveland, O. "G"

Keeney Mfg. Co., Newington, Conn.

**PLATES, Flush, Switch**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn. (Also Signal Device)

Auburn Button Wks., Auburn, N. Y.

Bosch Products Co., 639 Mission, San Francisco, Cal.

"Boschord" (with Appliance Cord)

Bryant Elec. Co., Bridgeport, Conn.

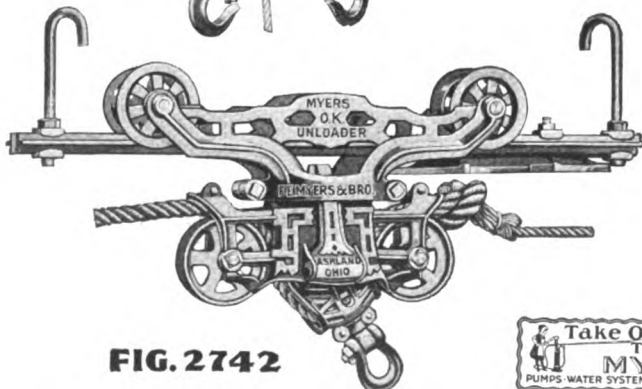
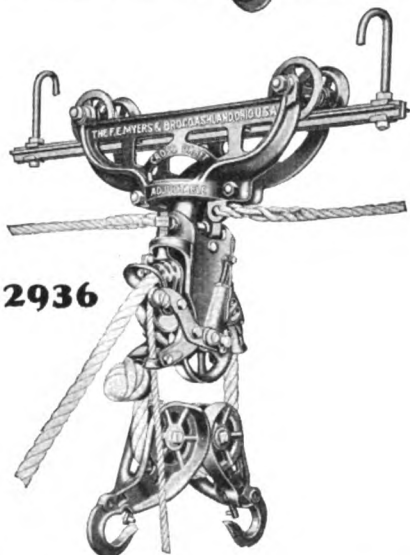
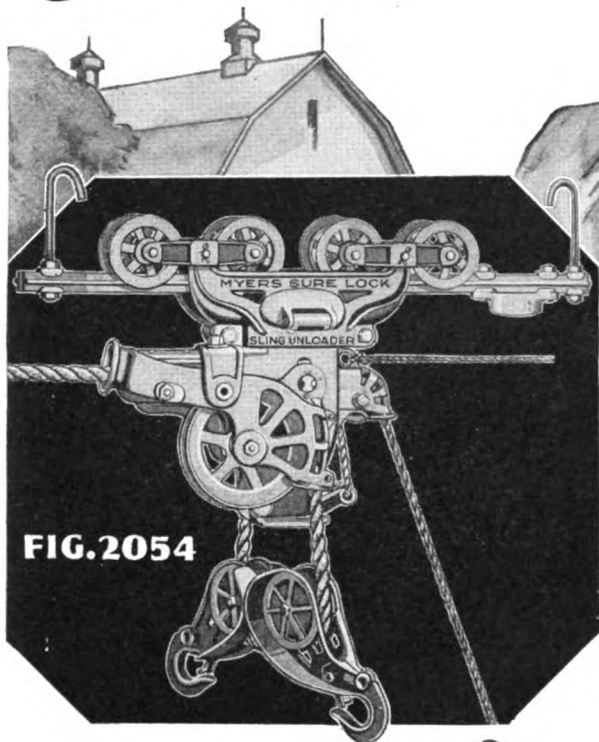
Bull Dog Electric Products Co., Detroit, Mich.

Chase Brass & Copper Co., Waterbury, Conn.

Chesler (J.) & Sons Co., 41 Varick Av., B'klyn., N. Y.

# Only the Best will do here!

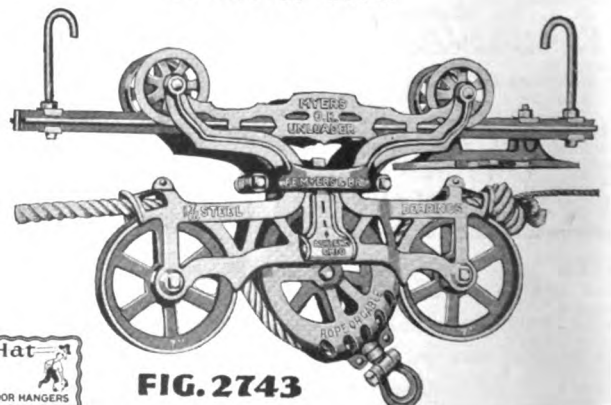
## Sell Him MYERS DEPENDABLE HAY UNLOADERS



Fast unloading — every farmer demands speed when it comes to unloading his hay or grain from the wagon into the mow. That's why so many of them depend on Myers Unloaders for this important rush harvest job. They respond to every demand of season, condition and crop. Sturdily built, easy to operate, large of capacity, entirely dependable, they do a tough job year after year when delays prove serious. No wonder so many farmers continue to demand them in preference to others.

This is a good year to sell Myers Unloaders, Forks, Slings, Pulleys, Track and Fixtures. You can't miss a single call with this well established line. Unfailing reliability, durability and economy—all are important factors that afford every opportunity for increased sales and profits.

THE F.E. MYERS & BRO. co.  
ASHLAND, OHIO.



Take Off Your Hat  
To The  
MYERS  
PUMPS - WATER SYSTEMS - HAY TOOLS - DOOR HANGERS

PUMPS - WATER SYSTEMS - SPRAYERS - HAY TOOLS - DOOR HANGERS

Mention Hardware Age When Writing

Digitized by Google

# MYERS

## Pumps For Every Purpose

To dealers who are concerned about customer satisfaction as well as profit satisfaction for themselves, Myers Pumps and Water Systems offer every advantage of sound merchandising to meet present conditions.

Considering the completeness of the Myers Line, its outstanding quality and its wide adaptability, its possibilities for sales and profits are so apparent that more and more dealers the country over are recognizing Myers leadership and are taking advantage of it through securing worth while pump business in their respective localities.

Whether you serve rural, suburban or urban markets, this quality line with its many advantages means profitable business for you.

*Catalog on request*

FIG. 1747



FIG. 1838



FIG. 1478



FIG. 2897



FIG. 1665



FIG. 1663

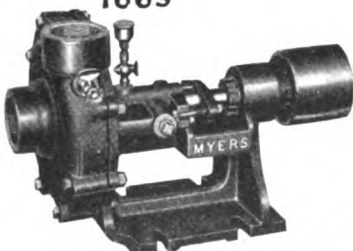


FIG. 2628



FIG. 2919

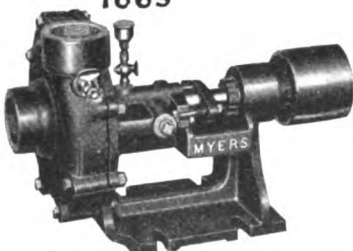
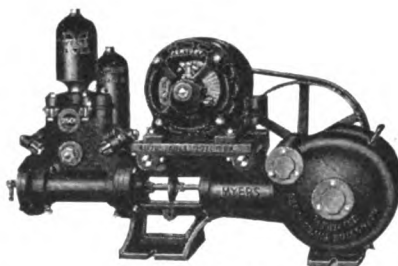


FIG. 2633



"When you think of WATER think of MYERS Pumps and Water Systems"



FIG. 3012

FIG. 2700

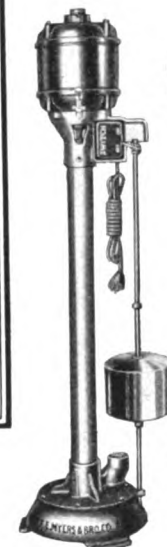


FIG. 2917



FIG. 3135



FIG. 2884



FIG. 3087

**THE F.E. MYERS & BRO. CO.**  
ASHLAND, OHIO U.S.A.

PUMPS — WATER SYSTEMS — SPRAYERS — HAY TOOLS — DOOR HANGERS

Mention Hardware Age When Writing

Digitized by Google



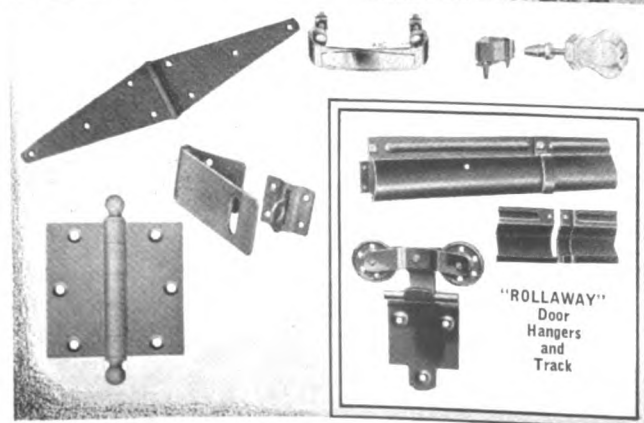
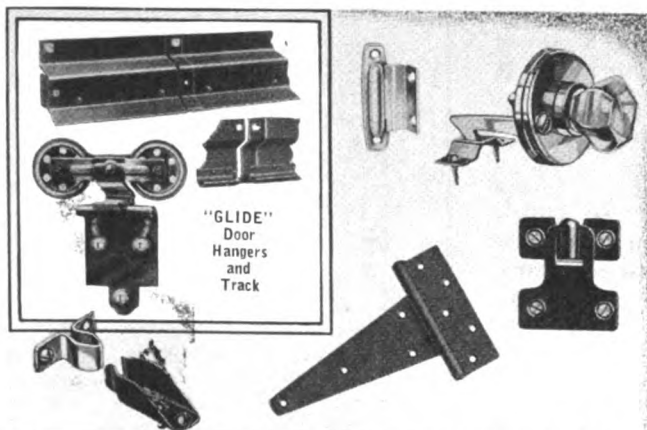
# FRANTZ

*Guaranteed* BUILDWARE

You can answer every question of quality—give every assurance of long life and satisfactory service, if the hardware you sell bears the name Frantz. Why? Because Frantz Buildware is *guaranteed*—made of top quality material by expert workmen.

Rugged tee hinges . . . modern garage door equipment . . . sturdy door hangers and track . . . streamlined cabinet hardware . . . Frantz gives you modern design, appearance and convenience that sell on sight and make contented customers. Frantz has taken the guesswork out of quality. Let Frantz take the guesswork out of sales for you. Write today for catalog and prices.

**FRANTZ MANUFACTURING CO.**  
Sterling, Illinois



## IT PAYS TO SELL

# FOY'S

# PAINTS

ALSO  
ENAMELS  
LACQUERS  
VARNISHES



TOP quality—proven ability to go farther and last longer—complete customer-satisfaction . . . these advantages of FOY'S Famous Finishes assure quicker, easier paint sales, faster turnover—and

**43% TO 74% PROFIT**

The complete FOY Line includes:—  
**HOUSE PAINT**

Foy's ENAMELIZED House Paint (The best that money can buy)—Foy's Exterior White Primer—Truiness House Paint—Foy's Spar Sash Black—Permadura Trim Colors.

**WALL PAINT**

Velvaton Flat Wall Paint—Velva-Gloss Satin Finish—Truiness Flat Wall—Truiness Interior Gloss—Velva-Seal Wall Sealer—Porousal, the "Perfect Wall Board Sealer."

**PORCH and DECK PAINT—  
ROOF and BARN PAINT**

Foy's Porch and Deck Paint—Truiness Floor and Deck Paint—Foy's Roof & Barn Paints—Foy's Asbestos Roof Coatings and Cement—Foy's Creosote Shingle Stain.

**ENAMELS**

Permadura DeLux Enamel—Foy's 4-hour Dri-Fast Enamel (also Stains and Clear)—Foy's Floor Enamel—Truiness 4-hour Enamel (also Stains and Clear)—Super-Sheen Aluminum Enamel—Foy's One-Kote Enamel Undercoatings.

**STAINS and VARNISHES**

Foy's Oil Wood Stains—Stain Undercoatings—Liquid Graining Colors—Varnish Stains—Varnishes of all types—Var-Lin Linoleum Coating.

**AUTOMOBILE FINISHES**

Brevex Enamels and Undercoats—Lacquer—Top Dressing—Chassis Black—Levelon.

**OTHER FOY PRODUCTS**

Foy's Mill White—Ready-Mixed Aluminum Paint—Concrete and Stucco Paint—Screen Paint—Wood Filler—Stove-Pipe Enamel—Paint and Varnish Remover—Floor Wax—Metal and Furniture Polishes—Colors in Oil and Japan—Blackboard Slating—etc.

Send for Facts about the FOY Merchandising Plan and the Exclusive FOY Franchise for your territory. Write today!

**THE FOY PAINT COMPANY, INC.**

Makers of Quality Paints for Over a Quarter Century

CINCINNATI, OHIO

**PLATES, Flush, Switch (Continued)**

Circle F. Mfg. Co., Trenton, N. J.  
Connecticut Elec. Mfg. Co., Bantam, Conn.  
Cutler-Hammer, Inc., Milwaukee, Wis. "C.H."  
"Reynolite"  
Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
Decorative Switch Plate Corp., 47 Ann, New York, N. Y.  
Dillon-Beck Mfg. Co., Irvington, N. J.  
Eagle Electric Mfg. Co., 59 Hall, Bklyn., N. Y.  
Gaynor Elec. Co., Inc., Bridgeport, Conn.  
General Electric Co., Bridgeport, Conn.  
Herst (William) Co., Chicago, Ill. "Deco-Wood"  
Hubbell (Harvey), Inc., Bridgeport, Conn.  
Kell (Francis) & Son, 401 E. 133d, New York, N. Y.  
Leviton Mfg. Co., 236 Greenpoint Av., Bklyn., N. Y.  
Lovell (F. H.) & Co., Arlington, N. J.  
Marks Products Co., Inc., 84 N. 9th, B'klyn, N. Y.  
"Snapit"  
Massey, A. H., 587 Broad, Stratford, Conn.  
Pass & Seymour, Syracuse, N. Y.  
Paulding (John), Inc., New Bedford, Mass.  
Porcelain Products, Inc., Parkersburg, W. Va.  
"Porcelain"  
Scovill Mfg. Co., Waterbury, Conn.  
Square D Co., Detroit, Mich.  
Standard Mirror Co., Buffalo, N. Y.  
Union Insulating Co., Parkersburg, W. Va.  
U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y.  
Waterbury Brass Goods Corp., Waterbury, Conn.  
Winsted Hdw. Mfg. Co., Winsted, Conn.

**PLATES, Gas—See Plates, Hot, Electric, Gas, Etc**

**PLATES, Heel**

Hierlihy, Wm., Bellaire, Mich.  
Norlund (O. A.) Co., Williamsport, Pa.  
Parker Wire Goods Co., Worcester, Mass.  
Star Heel Plate Co., Louis Backs, Inc., 357 Wilson Av., Newark, N. J. "Boston," "Fixo," "Star"  
Stimpson (Edwin B.) Co., 68 Franklin Av., B'klyn, N. Y.  
Tuck Mfg. Co., Brockton, Mass.  
Young (W. J.) Mch. Co., Lynn, Mass.

**PLATES, Hinge, Corner**

Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
Chesler (J.) & Sons Co., 41 Varick Av., Bklyn., N. Y.  
City Plating & Mfg. Co., St. Louis, Mo.  
Corbin, P. & F., New Britain, Conn.  
Detroit Hdw. Mfg. Co., Detroit, Mich.  
Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Sargent & Co., New Haven, Conn.  
Skillman Hardware Mfg. Co., Trenton, N. J.  
Stanley Wks., New Britain, Conn.  
Yale & Towne Mfg. Co., Stamford, Conn.

**PLATES, Home**

Goldsmith (P.) & Sons, Inc., John & Findlay, Cincinnati, O.  
Rawlings Mfg. Co., St. Louis, Mo.  
Seamless Rubber Co., New Haven, Conn.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.

**PLATES, Hot, Electric, Gas, Etc.**

Althoff (L. A.) Corp., 165 N. Clinton, Chicago, Ill. (Gas)  
American Electric Heater Co., Detroit, Mich. "American Beauty"  
Betsy Ross Electric Products Co., Johnson City, N. Y.  
Caloric Gas Stove Wks., Trenton Av. & Tioga, Phila., Pa. "Caloric" (Gas)  
Cleveland Lock Works, Inc., Div. Consolidated Iron-Steel Mfg. Co., 1290 E. 53rd, Cleveland, O. (Gas)  
Detroit-Michigan Stove Co., Detroit, Mich. (Laundry)  
"Garland," "Jewel," "Laurel"  
Dominion Electrical Mfg. Co., Mansfield, O. "Domino," "Modern Mode"  
Electric Range Heater Co., 420 Lexington Av., New York, N. Y. "Strate-Coil"  
Estate Stove Co., Hamilton, O. "Estate"  
Ev'ryday Electric Co., Marion, Ind.  
Fitzgerald Mfg. Co., Torrington, Conn. "Magic Maid," "Star-Rite"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
Grissold Mfg. Co., Erie, Pa.  
Hammer-Bray Co., Oakland, Cal. "Spark"  
Hevi Duty Electric Co., Milwaukee, Wis.  
Hot Glow Electric Mfg. Co., Buffalo, N. Y. (Electric)  
Jackson Electro Corp., 625 B'way, New York, N. Y.  
Kingsford Specialty Co., 8915 Powelton Av., Phila., Pa.  
Knapp-Monarch Co., 7501 Bent Av., St. Louis, Mo. "K.M." "Kwikway"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H Electric"  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y. "Electro"  
Marshallan Mfg. Co., 5716 Euclid Av., Cleveland, O.  
National Stamping & Electric Wks., Chicago, Ill. "White Cross"  
National Stove Co. Div., American Stove Co., Lorain, Ohio. "Direct Action"  
Northwest Metal Products, Inc., Seattle, Wash. "Parker"  
Peerless Mfg. Corp., Louisville, Ky. (Gas)  
Prentiss Wabers Products Co., Wisconsin Rapids, Wis. "Preway"

Proctor Electric Co., 7th & Tabor Rd., Phila., Pa.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper" (Gas)  
Rutenber Electric Co., Marion, Ind. "Marion"  
Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, O.  
Stern-Brown, Inc., 42-24 Orchard, Long Island City, N. Y. "Superstar"  
Superior Electric Products Corp., Cape Girardeau, Mo. "Superelectric"  
Swartsbaugh Mfg. Co., Toledo, O. "Everhot"  
Union Mfg. Co., Inc., Boyertown, Pa. "Umco" (Gas)  
Utility Electric Co., St. Louis, Mo.  
Westinghouse Elec. & Mfg. Co., Mansfield, O.  
Winsted Hdw. Mfg. Co., Winsted, Conn. "Durablitt"

**PLATES, Key, Porcelain**

(See also Escutcheons)  
Corbin, P. & F., New Britain, Conn.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
Sargent & Co., New Haven, Conn.

**PLATES, Kick and Push**

Alden Mfg. Co., Painesville, O.  
Bache (Samson) & Co., 686 Greenwich, New York, N. Y. (Glass)  
Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Bommer Spring Hinge Co., 263 Classon Av., B'klyn, N. Y.  
Brey-Krause Mfg. Co., Allentown, Pa.  
Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
Chamberlin Metal Weather Strip Co., Inc., 1254 La Brosse, Detroit, Mich. "Chamberlin"  
Champion Hdw. Co., Geneva, O.  
Chase Brass & Copper Co., Waterbury, Conn.  
Chesler (J.) & Sons Co., 41 Varick Av., Bklyn., N. Y. (Glass)  
Cincinnati Mfg. Co., Cincinnati, O.  
City Plating & Mfg. Co., St. Louis, Mo.  
Clinton Lock Co., Clinton, Ia.  
Columbus Brass Co., Columbus, O.  
Consolidated Metals, Inc., 5535 Woodward Av., Detroit, Mich.  
Corbin, P. & F., New Britain, Conn.  
Dahstrom Metallic Door Co., Jamestown, N. Y.  
Detroit Works, Detroit, Mich.  
Erco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.  
Fiswale Equipment Mfg. Co., 64 Reade, New York, N. Y.  
Frantz Mfg. Co., Sterling, Ill.  
Garden City Plating & Mfg. Co., Chicago, Ill.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Griffin Mfg. Co., Erie, Pa. (Push)  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Harvard Lock Co. of New York, Inc., 114 Worth, New York, N. Y.  
Imperial Brass Mfg. Co., Chicago, Ill.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Kason Hdw. Corp., 127 Wallabout, B'klyn, N. Y.  
Kawneer Mfg. Co., Niles, Mich.  
Kentucky Metal Products Co., Inc., Preston & Audubon Park, Louisville, Ky.  
Lawrence Bros., Sterling, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Logan Co., Louisville, Ky.  
McArthur (Warren) Corp., 1 Park Av., New York, N. Y.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Mackinburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"  
Marion Tool Corp., Marion, Ind.  
Michels Art Bronze Co., Covington, Ky.  
Midwest Hdw. Co., Chicago, Ill.  
Milwaukee Stamping Co., Milwaukee, Wis.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Mfg. Co., Sterling, Ill.  
Newport Products Co., Newport, Mich.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
Peerless Bronze & Aluminum Co., 723 Gratiot Av., Detroit, Mich. "Peerless"  
Penn Hdw. Co., Reading, Pa.  
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.  
Reading Hdw. Corp., Reading, Pa.  
Rostand Mfg. Co., Milford, Conn.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Sargent & Greenleaf, Inc., Rochester, N. Y.  
Shelby Metal Products Co., Shelby, O. "Standard"  
Shelby Spring Hinge Co., Shelby, O.  
Skillman Hdw. Mfg. Co., Trenton, N. J.  
Slaymaker Lock Co., Lancaster, Pa.  
Standard Mirror Co., Buffalo, N. Y.  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Tecco"  
Voos Co., Inc., New Haven, Conn.  
Yale & Towne Mfg. Co., Stamford, Conn.

**PLATES, Lock, Jimmy-proof**

Moraplates Sales Co., 1363 Fifth Av., New York, N. Y. "Moraplate"

**PLATES, Mirror Mounting**

Brainerd Mfg. Co., East Rochester, N. Y.  
Conroy-Prugh Glass Co., Pittsburgh, Pa.  
Corbin Cabinet Lock Co., New Britain, Conn.  
Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
Keller Brass Co., Grand Rapids, Mich.  
Ludwig (A.) & Co., 75 Spring, New York, N. Y.  
Safe Padlock & Hdw. Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.

**PLATES, Name**

Auld (D. L.) Co., Columbus, O.  
Barrows Lock Wks. of Yale & Towne Mfg. Co., North Chicago, Ill.  
Chandler Co., Springfield, Mass.  
City Plating & Mfg. Co., St. Louis, Mo.  
Colonial Brass Co., Middleboro, Mass.  
Corbin Cabinet Lock Co., New Britain, Conn.  
Corbin, P. & F., New Britain, Conn.  
Dana (C. H.) Co., West Lebanon, N. H.  
Dickey Grabler Co., Cleveland, O.  
Erco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.  
Fiske, C. B., 363 Ocean Parkway, B'klyn, N. Y. (Acetate)  
Imperial Brass Mfg. Co., Chicago, Ill.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Ludwig (A.) & Co., 75 Spring, New York, N. Y.  
Murdoch Stamp & Specialty Co., Cincinnati, O.  
National Aluminum Co., Inc., Racine, Wis. (Towns Plates)  
Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
Sager Lock Wks. of Yale & Towne Mfg. Co., No. Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Shelby Spring Hinge Co., Shelby, O.  
Spencer (S. M.) Mfg. Co., 3 Cornhill, Boston, Mass.  
Stafford (N.) Co., 53d & 1st Av., B'klyn, N. Y.  
Turner Brass Wks., Sycamore, Ill. (Machinery)  
U. S. Radium Corp., 535 Pearl, New York, N. Y. (Luminous & Non-Luminous)  
Yale & Towne Mfg. Co., Stamford, Conn.

**PLATES, Pie**

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirror," "Viko"  
Aluminum Products Co., La Grange, Ill. "Lifetime"  
American Aluminum Mfg. Co., Lemont, Ill. "American Maid"  
American Aluminum Ware Co., 374 Jelliff Av., Newark, N. J. "Peerless"  
Atlantic Stamping Co., Rochester, N. Y.  
Behrens (H.) Mfg. Co., Winona, Minn.  
Bellaire Enamel Co., Bellaire, O. "Becc"  
Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)  
Chicadees, The, 3711 Ashland Av., South, Chicago, Ill.  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill. "Bake-King"  
Corning Glass Wks., Corning, N. Y. "Pyrex"  
Everedy Co., Frederick, Md. "Brown Betty"  
Guder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
Katsinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill. "Ekco," "Ovenex"  
Kewaskum Aluminum Co., Kewaskum, Wis.  
Landers, Frary & Clark, New Britain, Conn.  
McAlier (E. J.) & Co., Inc., 1422 N. 8th, Phila., Pa.  
Moore Enameling & Mfg. Co., W. Lafayette, O. "Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco," "Juice-Saver"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
Stratton & Tensavage Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"  
United States Stamping Co., Mountsville, W. Va.  
Washburn Company, Worcester, Mass. "Krisp Krust"  
West Bend Aluminum Co., West Bend, Wis.  
**PLATES, Push—See Plates, Kick and Push**  
**PLATES, Screw—See Screw Plates, Also Tape and Disc**

**PLATES, Shoe, Base Ball**

Claflin, Waldo M., Phila., Pa.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Johnson (Nestor) Mfg. Co., 1900 N. Springfield Av., Chicago, Ill.  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Parker Wire Goods Co., Worcester, Mass.  
Rawlings Mfg. Co., St. Louis, Mo.  
Richardson (Chas. A.), Inc., West Mansfield, Mass.  
Spalding (A. G.) Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.

**PLATES, Terne**

Berger Mfg. Co. Div. Republic Steel Corp., Canton, O. "Berloy"  
Bethlehem Steel Co., Bethlehem, Pa.  
Carnegie-Illinois Steel Corp., Pittsburgh, Pa. "USS"  
Follansbee Bros. Co., Follansbee, W. Va.  
Republic Steel Corp., Republic Bldg., Cleveland, O.  
Milcor Steel Co., Milwaukee, Wis.  
Taylor (N. & G.) Co., Cumberland, Md.

**PLATED FLAT TABLE WARE—See Ware, Table, Flat, Plated**

**PLATED TABLE WARE—See Ware, Table, Plated**  
**PLATING COMPOUNDS—See Compounds, Plating**

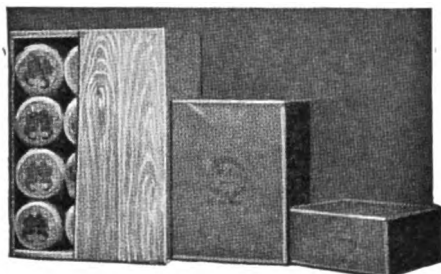
# SAFETY FUSE

THE ENSIGN-BICKFORD COMPANY, SIMSBURY, CONN., U. S. A.

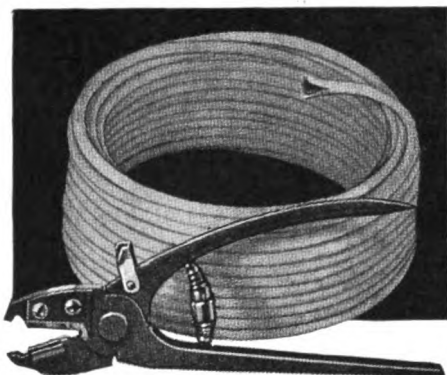
Established 1836. Original manufacturers of safety fuse for blasting. Products noted for uniform quality. Also makers of Cordeau-Bickford and Primacord-Bickford Detonating Fuse, widely used in quarries and demolition work.



Two typical 50 ft. coils of Ensign-Bickford Safety Fuse. Each coil is wrapped in paper bearing the trade-mark and brand name.



Typical wooden case containing 6,000 ft. and fibre cartons containing 3,000 ft. and 1,000 ft. respectively.



Fuse Cutter and Cap Crimper tool. Notice the slit end in the fuse formed with this tool.



To remove the required length from a coil, draw the inside end through the coil. This method will avoid the tendency to recoil or kink and will leave the remainder of the coil undisturbed.



## SAFETY FUSE

### BRANDS:

**SINGLE TAPE:** For use in damp work.

**DOUBLE TAPE:** For use in wet work.

**CLOVER BRAND:** General purpose fuse, for use in wet work.

**BEAVER BRAND:** For use in damp work.

**BLACK WAX CHARTER OAK BRAND:** For use in wet work; a very good general purpose fuse.

### FOR AGRICULTURAL PURPOSES

**GRAY CHARTER OAK BRAND:** For use in very wet work; this fuse combines a high degree of flexibility with excellent waterproof qualities. It will meet all the requirements of agricultural blasting, quarrying or mining.

### FOR MINING PURPOSES

**CRESCENT BRAND:** For use in very wet work; this is one of our standard mining fuses taped and double countered.

**CLOVER BRAND—White or Orange Wax Finish:** For use in very wet work or where considerable water pressure is encountered. The volume of smoke given off when burning is appreciably less than on the other brands. Clover Brand is not easily affected by extreme climatic changes or long storage.

*Particular attention given to fuses to meet special requirements.*

Quotations Furnished on Application

## HOW PACKAGED

Safety Fuse is coiled in 50 ft. lengths, and two coils are nested together to form packages of 100 ft. each. These packages are packed in standard boxes made of fibre, clearly marked as to brand and quantity for convenience in storage.

The cases shown at the left are the 6,000 foot wooden case, 3,000 foot fibre and 1,000 foot fibre. Fuse is put up on metal reels, 3,000 feet to a reel. For export, 3,000 feet are put up on a fibre core and packed in a metal drum.

## ACCESSORIES

### FUSE CUTTER AND CAP CRIMPER

Combines in one tool (1) fuse cutter with removable blade, cuts fuse squarely across; (2) fuse splitter; (3) broad jaw crimper; (4) wire cutter; (5) powder punch; (6) screw driver. Size of ordinary pliers.

### CARTRIDGE CENTER PUNCH

Insures correct placing of the center hole and the location of the capped fuse where it will be most effective. For cartridges 1, 1 1/4, 1 1/2, 1 3/4 inch diameter.

### SAFETY FUSE BENCH CUTTER

Screws to end of bench or service box. Cuts fuse clean and square.

### HOT WIRE FUSE LIGHTER

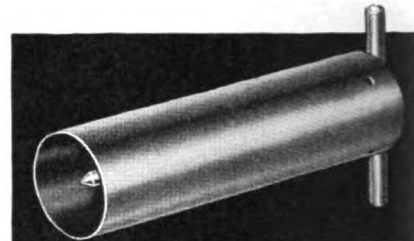
Wire covered with composition that burns with intensely hot ring of fire. Ignites square cut fuse instantly.

### SAFETY FUSE MATCH LIGHTER

Short paper tube with match head end. Slips over freshly cut fuse and ignites from safety match box or open flame.

### PULL WIRE FUSE LIGHTER

Slip over freshly cut fuse and pull wire. Confines flash and end spit of the fuse.



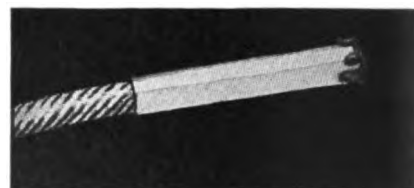
Cartridge Center Punch made of brass for 1, 1 1/4, and 1 1/2-inch cartridges.



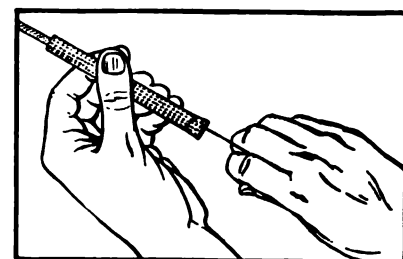
Safety Fuse Bench Cutter. A sharp, clean cut, squarely across the fuse.



Hot Wire Fuse Lighter in 12-inch and 7-inch lengths.



Safety Fuse Match Lighter in packages containing 100 each.



Pull Wire Fuse Lighter. By confining the flame and end spit within the tube this lighter offers added safety in underground blasting. A desirable accessory in any blasting work. A lighter, once used, cannot be used again.

**Mention Hardware Age When Writing**



**PLATING, Electro, Brush Method**

Portable Plating & Equipment Co., 1000 S. Michigan Av., Chicago, Ill.  
 Rapid Electroplating Process, Inc., 1414 S. Wabash Av., Chicago, Ill. "Rapid"

**PLATFORM LANTERNS**—See Lanterns, Platform  
**PLATFORM SCALES**—See Scales, Platform

**PLATFORMS, Truck**

Jelliff (Geo. H.) & Sons, New Canaan, Conn.  
 Lewis-Shepard Sales Corp., Watertown, Mass.

**PLATTERS, Steak**

Chicago Hardware Fdry. Co., North Chicago, Ill.  
 Griswold Mfg. Co., Erie, Pa.  
 Marshallan Mfg. Co., 5716 Euclid Av., Cleveland, O.  
 National Aluminum Co., Peoria, Ill.  
 Rival Mfg. Co., Kansas City, Mo. "Hammerbrite"  
 Wagner Mfg. Co., Sidney, O.

**PLAY CARDS**—See Cards, Play

**PLAYGROUND EQUIPMENT**—See Equipment, Playground

**PLAYGROUND SLIDES**—See Slides, Toboggan

**PLAY HOUSES**—See Houses, Play

**PLAY YARDS**—See Yards, Play

**PLAYING CARDS**—See Games, Cards, Playing

**PLAYSUITS**—See Suits, Children's, Play

**PLIER WRENCHES**—See Wrenches, Plier

**PLIERS, AUTOMOBILE**—See Pliers, Combination, Also Pliers, Regular

**PLIERS, Chain Repair**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Weed"  
 Forged Steel Products Co., Newport, Pa. "Vacuum Grip"  
 St. Pierre Chain Corp., Worcester, Mass. "Giant," "St. Pierre"  
 Schriver (O. P.) Co., Cincinnati, O. "I. X. L."

**PLIERS, Expansion**

American PlierRench Corp., 4611 N. Ravenswood Av., Chicago, Ill. "Eifel-Geared PlierRench"  
 Forged Steel Products Co., Newport, Pa. "Vacuum Grip"  
 P & C Hand Forged Tool Co., Portland, Ore.  
 Starrett (L. S.) Co., Athol, Mass.  
 Vichek Tool Co., 3006 E. 87th, Cleveland, O.

**PLIERS, Eyelet**

Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn. "Bernard," "Paragon"

**PLIERS, Gas**

American PlierRench Corp., 4611 N. Ravenswood Av., Chicago, Ill.  
 Eifel-Geared PlierRench  
 Chicago Tool & Kit Mfg. Co., Chicago, Ill.  
 Crescent Tool Co., Jamestown, N. Y. "Crestology," "S. & H."  
 Herbrand Co., Fremont, O. "Diamond H"  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Noble & Westbrook Mfg. Co., East Hartford, Conn. "Carlson"  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Utica Drop Forge & Tool Corp., Utica, N. Y.

**PLIERS, Gas, Cast Iron**

Ennis Mfg. Co., Reading, Pa.  
 U. S. Lock & Hdwe. Co., Columbia, Pa.

**PLIERS, Glass**

Barrett (Wm. L.) Co., 30 School, Bristol, Conn. "Blue Ribbon"  
 Fletcher, Terry Co., Forestville, Conn. "Fletcher"  
 Krauter & Co., 585 18th Av., Newark, N. J.  
 Smith (Landon P.), Inc., 130 Colt, Irvington, N. Y. "Red Devil"  
 Utica Drop Forge & Tool Corp., Utica, N. Y.

**PLIERS, Heating, Electric**

Ideal Commutator Dresser Co., Sycamore, Ill.  
 "Thermo-Grip"

**PLIERS, Insulated**—See Pliers, Electricians'

**PLIERS, Linemen's and Electricians'**

Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
 Billings & Spencer Co., Hartford, Conn. "B. & S."  
 Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
 Crescent Tool Co., Jamestown, N. Y. "Crestology," "S. & H."  
 Danielson (J. P.) Co., Inc., Jamestown, N. Y.  
 Forged Steel Products Co., Newport, Pa. "Vacuum Grip"  
 Klein (Mathias & Sons) 3200 Belmont Av., Chicago, Ill. "Klein"  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J. "Dreadnaught," "Hy-Power," "Ring Bearing," "Supreme," "Victor"  
 Noble & Westbrook Mfg. Co., East Hartford, Conn. "Carlson"

P & C Hand Forged Tool Co., Portland, Ore.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Ritter-Carlton Co., 373 4th Av., New York, N. Y. (Imported)  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Bergs" (Swedish)  
 Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn. "Bernard"  
 Schriver (O. P.) Co., Cincinnati, O. "I. X. L."  
 Starrett (L. S.) Co., Athol, Mass.  
 Utica Drop Forge & Tool Corp., Utica, N. Y.

**PLIERS, Regular**

(See also Nippers; also Pincers)

American PlierRench Corp., 4611 N. Ravenswood Av., Chicago, Ill.  
 Eifel-Geared PlierRench  
 Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
 Barrett, Wm. L., Bristol, Conn. "Hart"  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"  
 C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Cronk"  
 Crescent Tool Co., Jamestown, N. Y. "Crestology," "S. & H."  
 Danielson (J. P.) Co., Inc., Jamestown, N. Y.  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Tissot" (British)  
 Forged Steel Products Co., Newport, Pa. "Vacuum Grip"  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
 Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J. "Dreadnaught," "Supreme," "Victor"  
 P & C Hand Forged Tool Co., Portland, Ore.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Ritter-Carlton Co., 373 4th Av., New York, N. Y. (Imported)  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Bergs" (Swedish)  
 Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn. "Bernard"  
 Utica Drop Forge & Tool Corp., Utica, N. Y.  
**PLIERS, Repair**—See Pliers, Chain Repair

**PLIERS, Slip Joint**

Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
 Bear Mfg. Co., Rock Island, Ill. "Non-Slip"  
 Bergman Tool Mfg. Co., Buffalo, N. Y. "Blue Bird"  
 Billings & Spencer Co., Hartford, Conn. "Triangle B"  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"  
 Chicago Tool & Kit Mfg. Co., Chicago, Ill. "C-T-K"  
 Cornwell Quality Tools Co., Mogadore, O. "Cornwell"  
 Crescent Tool Co., Jamestown, N. Y. "Crestology," "S. & H."  
 Danielson (J. P.) Co., Inc., Jamestown, N. Y.  
 Diamond Calk Horsehoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Forged Steel Products Co., Newport, Pa. "Vacuum Grip"  
 Harrold (H. J.) Tool Co., Columbiana, O.  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
 Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J. "Gripall," "Grip-It," "Grip-Tite," "Victor"  
 McKaig-Hatch Co., Inc., Buffalo, N. Y.  
 P & C Hand Forged Tool Co., Portland, Ore.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Ritter-Carlton Co., 373 4th Av., New York, N. Y. (Imported)  
 Stanley Rule & Level Plant, New Britain, Conn.  
 Utica Drop Forge & Tool Corp., Utica, N. Y.  
 Vichek Tool Co., 3006 E. 87th, Cleveland, O.  
 Wilde Drop Forge & Tool Co., Kansas City, Mo.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Superpliers"

**PLIERS, Slip Joint, Cast Iron**

Arcade Mfg. Co., Freeport, Ill.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 U. S. Lock & Hdwe. Co., Columbia, Pa.

**PLIERS, Stapling**

Star Paper Fastener Co., Inc., Norwalk, Conn.  
**PLOW BOLTS**—See Bolts, Cultivator & Plow  
**PLOW CLEAVISES**—See Cleavises, Plow  
**PLOW DOUBLETREES**—See Singletrees, Doubletrees and Plow and Wagon  
**PLOW HAMMERS**—See Hammers, Engineers'  
**PLOW HANDLES**—See Handles, Plow  
**PLOW LINES**—See Lines, Plow  
**PLOW SINGLETREES**—See Singletrees and Doubletrees, Plow and Wagon

**PLOWS, Garden**

Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Planet, Jr."  
 American Fork & Hoe Co., Cleveland, O. "American Gardener," "Standard," "True Temper"  
 Avery (B. F.) & Sons Co., 1721 S. 7th, Louisville, Ky.  
 Rallor Cultivator Co., Atchison, Kan.  
 Bridgewater Plow Corp., Bridgewater, Va. "Superior"  
 Brinly-Hardy Co., Inc., Louisville, Ky. "Try Me"  
 Brown Mfg. Co., Zanesville, O. "Dixie," "Perfection"  
 Brown-Manly Plow Co., Malta, O. "Rival," "Star"  
 Crescent Forge & Shovel Co., Havana, Ill.  
 Dutton (E. Q.) & Co., Cato, N. Y.  
 Ellis Keystone Agricultural Wks., Pottstown, Pa. "Iron Age"  
 Farm Tools, Inc., Mansfield, O. "Favorite"  
 Federal Foundry Supply Co., Cleveland, O.  
 Franklin Equipment Co., Monticello, Ia. "Monticello"  
 Gardex, Inc., 215 E. Michigan, Michigan City, Ind. "Gardex"  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Herschel (R.) Mfg. Co., Peoria, Ill.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Kelly (G. A.) Plow Co., Longview, Tex.  
 Moore Plow & Implement Co., Greenville, Mich. "Gem"  
 Ohio Cultivator Co., Bellevue, O. "Climax," "Dexter"  
 Thiemann Harvester Co., Inc., Albert City, Ia.  
 Thornburgh Mfg. Co., Bowling Green, O.  
 Whitaker Mfg. Co., Chicago, Ill. "Asak," "Chicago," "Kokomo"

**PLOWS, Ice**

Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.

**PLOWS, Walking**

Avery (B. F.) & Sons Co., Inc., 1721 S. 7th, Louisville, Ky.  
 Billups (C.) Son & Co., Norfolk, Va.  
 Blount Plow Works, Evansville, Ind.  
 Brinly-Hardy Co., 340 E. Main, Louisville, Ky.  
 Brown-Manly Plow Co., Malta, O.  
 Case (J. I.) Co., Racine, Wis.  
 Clarksville Fdry. & Mach. Works, Clarksville, Tenn.  
 Collins Plow Co., Quincy, Ill.  
 Deere & Co., Moline, Ill.  
 Donaldson Bros., Mt. Clemens, Mich.  
 Dutton (E. Q.) & Co., Cato, N. Y.  
 Eddy Plow Works, Greenwich, N. Y.  
 Empire Plow Co., 3140 E. 65th, Cleveland, O. "Empire"  
 Hamburg Plow Works, Hamburg, Pa.  
 Harriman Mfg. Co., Harriman, Tenn.  
 International Harvester Co., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering"  
 Kelley (G. A.) Plow Co., Longview, Tex.  
 King Plow Co., Atlanta, Ga.  
 Le Roy Plow Co., Le Roy, N. Y.  
 Lynchburg Plow Works, Lynchburg, Va.  
 Madison Plow Co., Madison, Wis.  
 Massey-Harris Co., Racine, Wis.  
 Minneapolis-Moline Power Implement Co., Minneapolis, Minn.  
 Moore Plow & Implement Co., Greenville, Mich.  
 Oliver Farm Equipment Co., 400 W. Madison, Chicago, Ill.  
 Parker Plow Co., Richmond, Mich.  
 Sargent, Osgood & Roundy Co., Randolph, Vt.  
 Southern Plow Co., Columbus, Ga.  
 Universal Plow & Foundry Co., Florence, S. C.  
 White's (S. R.) Sons, Inc., Norfolk, Va.  
 Whitehurst (R. W.) Mfg. Corp., Norfolk, Va.  
 Wiard Plow Co., Batavia, N. Y.

**PLUG CUTTERS**—See Cutters, Plug

**PLUG AND PIN HOSE SPANNERS**—See Spanners, Pin

**PLUG AND RING GAGES**—See Gages, Plug and Ring

**PLUG TAPS**—See Taps, Machinists' Hand

**PLUGS, Attachment, Electric**

Albany Sales Co. of N. Y., Inc., 216 E. 45th, New York, N. Y. "Handy"  
 Allied Electric Products, Inc., 78 Colt, Irvington, N. Y. "Spring Action"  
 American Automatic Electric Sales Co., 1033 W. Van Buren, Chicago, Ill. "Ajax"  
 Anylite Elec. Co., Fort Wayne, Ind.  
 Arrow-Hart & Hageman Electric Co., Hartford, Conn.  
 Benjamin Elec. Mfg. Co., Des Plaines, Ill.  
 Bryant Elec. Co., Bridgeport, Conn. "D D"  
 Circle F Mfg. Co., Trenton, N. J.  
 Connecticut Elec. Mfg. Co., Bantam, Conn.  
 Connecticut Molded Products Corp., Meriden, Conn.  
 Cutler-Hammer, Inc., Milwaukee, Wis. "C-H"  
 Deal Electric Co., Inc., 583 Berry, B'klyn., N. Y.  
 Eagle Elec. Mfg. Co., 59 Hall, B'klyn., N. Y.  
 Electric Co., Hartford, Conn.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Herst (Wm.) Co., 822 W. Jackson Blvd., Chicago, Ill.  
 Hubbell (Harvey) Inc., Bridgeport, Conn.  
 Jiffy Electric Co., Inc., Hazel Park Station, Royal Oak, Mich.  
 Kinsford Specialty Co., 3915 Powelton Av., Phila., Pa.  
 Leviton Mfg. Co., 286 Greenpoint Av., Bklyn., N. Y. "Meteor"

**PLUGS, Attachment, Electric (Continued)**

Marks Products Co., Inc., 84 N. Ninth, B'klyn, N. Y. "Snapit"  
 Monowatt Electric Corp., 570 Lexington Av., New York, N. Y.  
 Pass & Seymour, Syracuse, N. Y.  
 Sentry Electric Co., Inc., 839 Starks Bldg., Louisville, Ky. "Sentry"  
 U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y.  
 Weber Electric Co., Schenectady, N. Y.  
 Wood (C. D.) Electric Co., 826 B'way, New York, N. Y. "Woodwin"

**PLUGS, Boiler Repair**

Afco Mfg. & Sales Co., Cleveland, O. "Jiffy"  
 Chicago Specialty Mfg. Co., 332 N. Western Av., Chicago, Ill.  
 Columbia Nut & Bolt Co., Inc., Bridgeport, Conn. "Columbia"  
 Crossant Machine Wks., 89 Moss, Reading, Pa. "Molly"  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"  
 Peck (E. E.) Co., Medina, N. Y. "Tomahawk"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.  
 Spearhead Boiler Plug & Specialty Co., 10114 St. Clair Av., Cleveland, O. "Schauls"

**PLUGS, Electric Heater**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Bryant Electric Co., Bridgeport, Conn. "Hemco"  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y.  
 Herat (Wm.) Co., 822 W. Jackson Blvd., Chicago, Ill.  
 Leviton Mfg. Co., 236 Greenpoint Av., Bklyn., N. Y. "Meteor"

**PLUGS, Expansion**

Craftplug, Inc., 830 W. 42nd, New York, N. Y. "Craftplug"  
 Palatine Industrial Co., Inc., 111 Fifth Ave., New York, N. Y. "Stronghold" (Fibre)  
 Rawlplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawlplug" (Fibre)  
 U. S. Tool & Mfg. Co., 1528 Armitage Av., Chicago, Ill. "Eagle"  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**PLUGS and FEATHERS**

Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Drew (C.) & Co., Kingston, Mass.  
 Granite City Tool Co., Barre, Vt. "Safe-Hed"  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Sawyer Belt Hook Co., Pawtucket, R. I.  
 Trow & Holden Co., Barre, Vt.

**PLUGS, Pipe**

Allen Mfg. Co., Hartford, Conn. "Allen"  
 Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 Automotive Hdwe., Inc., 38 S. Cruise, Indianapolis, Ind.  
 Elco Tool & Screw Corp., Rockford, Ill. "Elco"  
 Holo-Krome Screw Corp., Hartford, Conn.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Lincoln Brass Wks., Detroit, Mich.  
 Malleable Iron Fittings Co., Branford, Conn.  
 Sherman-Klove Co., 3535 W. 47th, Chicago, Ill.  
 Walworth Co., 60 E. 42nd, New York, N. Y.

**PLUGS, Socket, Electric**

American Automatic Electric Sales Co., 1033 W. Van Buren, Chicago, Ill. "Ajax"  
 Anylite Electric Co., Fort Wayne, Ind.  
 Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Bryant Electric Co., Bridgeport, Conn. "Hemco"  
 "KeNeX"  
 Circle F. Mfg. Co., Trenton, N. J.  
 Connecticut Electric Mfg. Co., Bantam, Conn.  
 "A-1," "Quartap," "Extra-lite" (Table)  
 Connecticut Molded Products Corp., Meriden, Conn.  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y.  
 Electrotim, Inc., Union City, Ind.  
 General Electric Co., 1235 Boston Av., Bridgeport, Conn. "G-E"  
 Hubbell (Harvey), Inc., Bridgeport, Conn.  
 Kinsford Specialty Co., 3915 Powelton Av., Phila., Pa.  
 Leviton Mfg. Co., 236 Greenpoint Av., Bklyn., N. Y. "Meteor"  
 Marks Products Co., Inc., 84 N. 9th, B'klyn, N. Y. "Snapit"  
 Monowatt Electric Corp., 570 Lexington Av., New York, N. Y.  
 Paulding (John I.), Inc., New Bedford, Mass.  
 Sta-Tite Plug Co., 819 E. 19th, Kansas City, Mo. "Sta-Tite"  
 Union Insulating Co., Parkersburg, W. Va.  
 Wirt Co., Phila., Pa. "Dim-a-Lite"  
 Woodhead (Daniel) Co., 15 N. Jefferson, Chicago, Ill. "Safeway"

**PLUGS, Spark**

A & C Spark Plug Div., General Motors Corp., Flint, Mich.  
 Auto-Lite Co., Toledo, O.  
 Champion Spark Plug Co., Toledo, O.  
 Defiance Spark Plug Corp., 323 20th, Toledo, O.  
 "Defiance," "Reliance," "Triumph," "2 XL"

Edison-Splitdorf Corp., West Orange, N. J. "Edi-spark"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Fitzger-ald"  
 Goodyear Tire & Rubber Co., Akron, O.  
 Majestic Spark Plug Co., Chicago, Ill. "Majestic"  
 Rajah Co., Locust Av., Bloomfield, N. J.  
 Tunstgen Spark Plug Mfg. Co., 1400 So. Michigan Av., Chicago, Ill. "Federal"  
 United American Bosch Corp., Springfield, Mass.

**PLUGS, Trap, Sink**

K. & S. Specialty Co., Glenside, Pa.

**PLUGS, Wooden**

Allen-Rogers Corp., Laconia, N. H.  
 Cooke-Roberts Corp., Orange, Mass.  
 Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
 Mitchell Brothers Co., Kalaska Handle Co. Div. Cadillac, Mich.  
 Redlich Mfg. Co., 637 W. Oak, Chicago, Ill.  
 Rowe (Henry) Mfg. Co., Newaygo, Mich.  
 PLUMB BOBS—See Bobs, Plumb  
 PLUMBERS' BITS—See Bits, Plumbers'  
 PLUMBERS' BRASS GOODS—See under Cocks  
 PLUMBERS' CANDLES—See Candles, Plumbers'  
 PLUMBERS' CHAIN—See Chains, Safety  
 PLUMBERS' CHISELS—See Chisels, Plumbers'  
 PLUMBERS' FORCE CUPS—See Cups, Force  
 PLUMBERS' FURNACES—See Furnaces and Torches, Gasoline and Kerosene  
 PLUMBERS' HANGERS—See Hangers, Pipe  
 PLUMBERS' LEAD GOODS—See Lead Goods, Plumbers'  
 PLUMBERS' MELTING LADLES—See Ladles, Melting  
 PLUMBERS' MELTING POTS—See Pots, Melting  
 PLUMBERS' PIPE HANGERS—See Hangers, Pipe  
 PLUMBERS' PIPE HOOKS—See Hooks, Pipe  
 PLUMBERS' SAWS—See Saws, Plumbers'  
 PLUMBERS' SCRAPERS—See Scrapers, Plumbers'  
 PLUMBERS' SUPPLIES—See article desired  
 PLUMBERS' TOOL BAGS—See Bags or Rolls, Tool  
 PLUMBERS' TOOLS—See Tools, Plumbers'  
 PLUNGER PUMPS—See Pumps, Plunger

**PLYWOOD**

Aetna Plywood & Veneer Co., 1733 Elston Av., Chicago, Ill.  
 Algoma Plywood & Veneer Co., 128 Wolf River, Algoma, Wis.  
 American Plywood Corp., New London, Wis.  
 Atlas Plywood Corp., 20 Providence, Boston, Mass.  
 Baldwin Plywood & Veneer Co., Gillett, Wis.  
 Frost Veneer & Plywood Co., 11 S. Water, Sheboygan, Wis.  
 Greene & Wood, Inc., New Bedford, Mass.  
 Harbor Plywood Corp., 1430 W. Cermak Rd., Chicago, Ill.  
 Jamestown Veneer & Plywood Corp., Jamestown, N. Y.  
 National Plywood Co., Inc., 441 East 19th, New York, N. Y.  
 Pearl City Plywood Co., Inc., Jamestown, N. Y.  
 United States Plywood Corp., 46th & 12th Av., New York, N. Y.

PNEUMATIC GARAGE DOOR OPENERS—See Openers, Garage Door  
 PNEUMATIC AUTOMOBILE TIRES—See Tires, Automobile, Pneumatic  
 PNEUMATIC BICYCLE TIRES—See Tires, Bicycle, Pneumatic  
 PNEUMATIC TOOLS—See Tools, Pneumatic

**POACHERS, Egg**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 "Mirror," "Viko"  
 Hancraft Co., Madison, Wis. "Egg-etti"  
 Kreamer (A.) Inc., 307 Kent Av., B'klyn, N. Y.  
 Serr Mfg. Co., 67 W. 44th, New York, N. Y. "Poach-master," "Poachshell"  
 West Bend Aluminum Co., West Bend, Wis.  
 Wolverine Supply & Mfg. Co., Pittsburgh, Pa.  
 POCKET COMPASSES—See Compasses, Pocket  
 POCKET HONES—See Hones, Pocket  
 POCKET KNIVES—See Knives, Pocket  
 POCKET LEVELS—See Levels, Pocket  
 POCKET SNIPS—See Snips, Pocket  
 POCKET TAPES, Steel and Woven—See Tapes, Measuring  
 POCKET WATCHES—See Watches, Wrist and Pocket  
 POINT DRIVERS, Glaziers'—See Drivers, Glaziers'

**POINTERS, Dowel**

Swan (Jas.) Co., Seymour, Conn.

**POINTERS, Spoke**

Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Ecco"  
 Swan (Jas.) Co., Seymour, Conn.  
 Wood (A. A.) & Sons Co., Atlanta, Ga.  
 POINTING TROWELS—See Trowels, Plasterers', Masons', Pointing, Etc.

**POINTS, Bull**

Arro Expansion Bolt Co., Marion, O. "Arro"  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Drew (C.) & Co., Kingston, Mass.  
 Granite City Tool Co., Barre, Vt. "Safe-Hed"  
 Heller Brothers Co., 885 Mt. Prospect Av., Newark, N. J.  
 Leetonia Tool Co., Leetonia, O.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Paine, Benjamin O., Millbury, Mass.  
 Penn Tool Co., 718 N. Broad, Phila., Pa.  
 Wainor Mfg. Co., Titusville, Pa.  
 Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

**POINTS, Drill**

Millers Falls Co., Greenfield, Mass.  
 North Bros. Mfg. Co., N. E. cor. American and Lehigh Av., Philadelphia, Pa. "Yankee"  
 Rawlplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawl-Drills"  
 Star Expansion Bolt Co., 147 Cedar, New York, N. Y. "Hamtwist"

**POINTS, Drive Well**

Dallett, Thos. H., Phila., Pa.  
 Flint & Walling Mfg. Co., Kendallville, Ind.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Youngstown Steel Products Co., Youngstown, O.

**POINTS, Glaziers'**

Atlas Tack Corp., Fairhaven, Mass. "Atlas," "Zinco"  
 Austin & Eddy, 117 Broad, Boston, Mass.  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H.  
 Holland Mfg. Co., Baltimore, Md.  
 Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Markwell"  
 Maze (W. H.) Co., 1207 Water, Peru, Ill. "Star Brand," "Zinc City"  
 National Sheet Metal Co., Peru, Ill.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Shelton Tack Co., Shelton, Conn. "Tiger," "U. S. Standard"  
 Smith (Landon P.), Inc., 130 Colt, Irvington, N. J. "Red Devil"  
 York Tack & Nail Wks., York, Pa.  
 Youngstown Steel Products Co., Youngstown, O.  
 POKER CHIPS—See Chips, Poker  
 POKERS, Fire—See Pokers, Stove

**POKERS, Furnace**

Cleveland Steel Specialty Corp., 3767 E. 91st, Cleveland, O. "Clesco"  
 Farrell-Cheek Steel Co., Sandusky, O.

**POKERS, Stove**

Adams Co., Dubuque, Ia.  
 Arcade Mfg. Co., Freeport, Ill.  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Fanner Mfg. Co., Cleveland, O. "Arctic"  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Howes (S. M.) Co., Boston, Mass.  
 Racine Iron & Wire Wks., Racine, Wis.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Union Fork & Hoe Co., Columbus, O. "Neverbreak"  
 Washburn Company, Worcester, Mass. "Eclipses"

**POKES, Animal**

Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Ne-way"  
 Eagle Machine Co., Lancaster, O. "Columbia"  
 Ely (Theo. J.) Mfg. Co., Girard, Pa.  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Hudson (H. D.) Mfg. Co., 559 E. Illinois, Chicago, Ill.  
 Minton Mfg. Co., Gage, Okla. "Oklahoma"  
 Moore Bros. Corp., of Albany, 83 Green, Albany, N. Y.  
 Morris Mfg. Co., El Reno, Okla. "Easy Trigger"  
 Rose (Frank) Mfg. Co., Hastings, Neb. "Dudek"  
 Weathers Poke Co., Windsor, Mo. "Safety First," "Trident"

POLE EYES—See Eyes, Pole and Shaft  
 POLE PULLING JACKS—See Jacks, Pole Pulling  
 POLE SOCKETS—See Sockets, Pole

**POLES, Bamboo**

Heddon's (Jas.) Sons, Dowagiac, Mich.  
 Horrocks-Ibbotson Co., Dept. S., Utica, N. Y.  
 Medart (Fred) Mfg. Co., St. Louis, Mo.  
 South Bend Bolt Co., South Bend, Ind. "Cross"

**POLES, Clothes**

(See also Posts, Clothes)  
 Banks Steel Post Co., 235 Poinier, Newark, N. J.  
 Blackstone Furniture Co., Inc., North Tonawanda, N. Y.  
 Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av., Cincinnati, O.

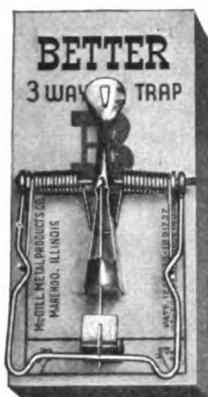
# BETTER BRAND MOUSE AND RAT TRAPS

## Three Types

The 'BETTER' trap as shown at right is self-setting—no danger to fingers. Three way action.

'CANT - MISS' sensitive, easy - set slotted trigger, 4-way action.

'NEVER-MISS'—same as CANT-MISS but with painted wood bait holder.



## One Quality

All BETTER BRAND traps are neatly printed in two colors. Selected clear, warp-resistant wood. Strong, balanced, oil - tempered duplex springs. Safety lock optional with rat traps. Write today for folder showing exact color and size of traps.

## Other Fast Selling Items

**GEM TICKET PUNCH**—A minimum priced punch. Ideal for premium cards or other light work. Bright nicked finish. Knurled handles. Illustrated catalog available showing full ticket punch line.

*Send for samples, folders and name of nearest jobber.*

**ACORN SCRAPER**—Razor blade type, five adjustments. Mounted on three color display card. Made of heavy, nicked steel. A high profit, fast turning item. One dozen packed in display carton.

**McGILL METAL PRODUCTS CO.**

102 PRAIRIE ST.

MARENGO, ILL.

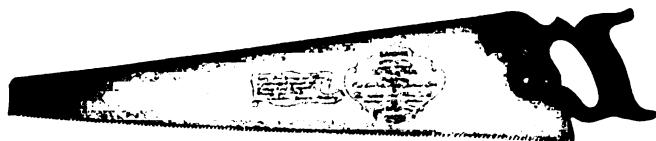
## THE RECOGNIZED SUPPLY SOURCE FOR QUALITY BRANDS GENUINE SWEDISH TOOLS

**SANDVIK  
SAWS**

"Fish & Hook"



Brand



Sandvik Hand Saw No. 270

Sandvik "Fish & Hook" Brand Saws are universally acknowledged as the fastest cutting and most durable saws on the market.



## BERG'S SHARK BRAND TOOLS

are well known for quality strength and durability. The BERG line includes: Chisels, Gouges, Plane Irons, Shoe Knives,



also Sloyd Knives, Wood Carving Knives, Burnishers, Butcher Knives, Cook's Knives, Carving and Paring Knives, etc.

CHISELS



Complete line of Pliers, Nippers, Pincers and Linemen's Pliers.

PLIERS



**OBERG  
Half-Moon  
FILES**

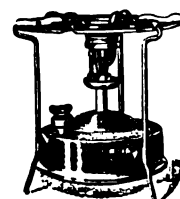


Make work easy and leave an exceptionally smooth surface.



**FAMOUS SWEDISH SCYTHES**

Three layer Swedish Charcoal Steel are famous for sharp edge and endurance. All standard American and Canadian Patterns.



Radius Camp Stoves and Lanterns. Burn kerosene — safe, wickless, smokeless, reliable.

**SANDVIK SAW & TOOL CORP.**

47 Warren St. 11 North Jefferson St.  
New York, N. Y. Chicago, Ill.  
2406 First Avenue, So., Seattle, Wash.  
6720 McKinley Ave., Los Angeles

Stocked by Leading Jobbers, or write to us for Catalogs.

Full line of all types and sizes, also Spiral Rotary Files.

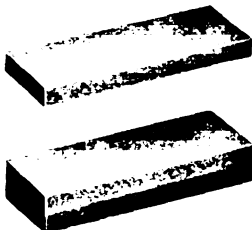
Mention Hardware Age When Writing





# BEREA ABRASIVES

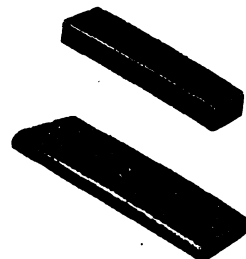
*"A Complete Grinding Service"*



**BEROX and BERON**  
(Aluminum Oxide) (Silicon Carbide)

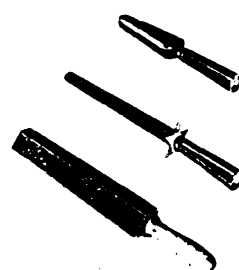
## GRINDING WHEELS

Abrasive Bricks and Sticks  
Knife Sharpeners  
Jointer Stones  
Bench Stones  
Slip Stones  
Specialties



## NATURAL STONE and ARTIFICIAL ABRASIVE

Scouring Stones  
Sharpening Stones  
Rubbing Stones  
Scythestones



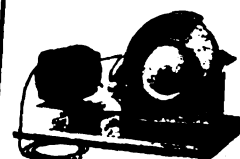
## CLEVELAND GRINDSTONES

(Berea Grit)

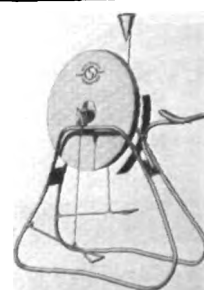
Mounted Grindstones  
For Power, Hand or Foot Operation  
Floor or Bench Models  
Loose Grindstones  
Bushed Grindstones  
Grindstone Frames and Fixtures



Grinding Machines  
Sand Paper and Emery Cloth  
Buffing Wheels  
Wire and Fibre Wheel Brushes



For Catalogs Write  
**BEREA ABRASIVES**  
Division of The Cleveland Quarries Co.  
1134 Builders Exchange  
CLEVELAND, OHIO



**Mention Hardware Age When Writing**

**POLES, Clothes (Continued)**

Coyle (H. B.) Co., 1424 N. 31st, Phila., Pa.  
Newark Steel Post Co., 235 Poinier, Newark, N. J.  
N. J. "So-Easy Re-Move-Able"  
Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
Rotary Clothes Dryer Co., Allentown, Pa.  
**POLES, Curtain—See Rode, Curtain**  
**POLES, Fishing—See Poles, Bamboo; also Rode, Fishing**

**POLES, Flag**

Badger Wire & Iron Wks., Milwaukee, Wis.  
Banks Steel Post Co., 235 Poinier, Newark, N. J.  
Crown Iron Wks. Co., Minneapolis, Minn.  
Cyclone Fence Co., Waukegan, Ill.  
Everwear Mfg. Co., Springfield, O.  
Fike (J. W.) Iron Wks. Co., 78 Park Pl., New York, N. Y.  
Goodell (James M.) Co., Chicago, Ill.  
Logan Co., Louisville, Ky.  
Newark Steel Post Co., 10 White, West Orange, N. J. "Re-Move-Able"  
Shaw & Tenny, Orono, Me.  
Smith (F. P.) Wire & Iron Wks., 2346 Clybourn Av., Chicago, Ill.  
Standard Fence Co., Oakland, Cal.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

**POLES, Pike**

American Logging Tool Co., Ewart, Mich.  
Columbus Handle & Tool, Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Dixie Tool Co., Downers Grove, Ill.  
Dixie Logging Tool Co., Chattanooga, Tenn.  
Leach Co., Oshkosh, Wis. "Oshkosh"  
Peavey Mfg. Co., Brewer, Me.  
Snow & Nealley Co., Bangor, Me. "Our Best"  
Warren Axe & Tool Co., Warren, Pa.

**POLES, Ski**

Blanchard Factories, Inc., 45 Poinier, Newark N. J.  
Bredenberg Bros., Inc., Champlain, N. Y. "Broad-mount"  
Dodge (Harvey E.) Co., N. Tonawanda, N. Y. "Chalet"  
Gerber Bros., 2606 First Av., Seattle, Wash.  
Northland Ski Mfg. Co., St. Paul, Minn.  
Oxford Corp., W. Paris, Me.  
Shaw & Tenny, Orono, Me.  
Strand (Martin A.) Ski Co., New Richmond, Wis.

**POLES, Tent**

Cooke-Roberts Corp., Orange, Mass.  
Pina Munising Wood Products Co., Cleveland, O.  
Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Av., Niagara Falls, N. Y. "Premax" (Steel)  
Shaw & Tenny, Orono, Me.  
Stevenson Mfg. Co., South Bend, Ind.  
Theiling-Lothmann Mfg. Co., St. Louis, Mo.  
Textile Products Mfg. Co., St. Louis, Mo.

**POLES, Vaulting**

Medart (Fred) Mfg. Co., St. Louis, Mo.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.

**POLES, Window, Pull Down—See Pulls, Window**

**POLICE CLUBS—See Clubs, Police**

**POLICE WHISTLES—See Whistles, Police**

**POLISHERS, Electric—See Drills, Grinders and Pol-  
ishers**

**POLISHERS, Shoe—See Brushes, Shoe**

**POLISHES, Aluminum**

Boyer Chemical Laboratory Co., Chicago, Ill.  
Dewey Specialty & Chemical Co., Phila., Pa.  
Wilbert Products Co., Inc., 805 E. 189th, New York, N. Y. "Wonderful"

**POLISHES, Automobile, Furniture, Etc.**

Acme White Lead & Color Wks., Detroit, Mich.  
"Furn-X"  
Adams & Elting Co., Chicago, Ill. "Hy-Pol"  
Algoma Mfg. Co., Algoma, Wis. "Amco"  
All-Nu Products Co., Camden, N. J. "All-Nu," "Cliz," "Regal"  
American Polish Co., Chicago, Ill. "Eagle Brand," "Koloritone Autoshyne"  
American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
Asco Chemical Co., 641 Lexington Av., Bklyn, N. Y. "Asco"  
Baldwin Laboratories, Inc., Saegertown, Pa. "Dwin"  
Barnett Chemical Co., 410 Sullivan, Chicago, Ill.  
Baum's Castorine Co., Rome, N. Y.  
Bettes (A. O.) Mfg. Co., Kansas City, Mo.  
Boston Varnish Co., Boston, Mass. "Nulustre"  
Bovex "Seal Fast" Corp., Indianapolis, Ind.  
Boyer Chemical Laboratory Co., Chicago, Ill. "Beeswood," "Liquid Beauty"  
Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Old English," "Samoline," "Three-in-One"  
Burgess (C. F.) Laboratories, Chicago, Ill.  
Butcher Polish Co., Boston, Mass. "Boston"  
Cedar Hill Formulae Co., New Britain, Conn. "Pollo"  
Chamberlain-Haber Chemical Co., Cleveland, O. "Presto"

Chemical Supply Co., 2450 Canal Rd., Cleveland, O.  
Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn. "Shine-Easy"  
Clark Quality Products, Inc., 158 Hague, Rochester, N. Y. "Clark's Quick Shine"  
Collins (D. A.) Mfg. Co., Inc., 148 89th, Bklyn., N. Y.  
Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Crescent"  
Detroit White Lead Wks., Detroit, Mich. "Rogers Auto-Brite"  
Dri-Brite, Inc., 4443 Cook Av., St. Louis, Mo. "Dri-Brite," "Dri-Brite Onceover"  
DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Duco," "Du Pont," "No. 7"  
Durkee-Atwood Co., Minneapolis, Minn. "Re-Nu," "Rie-Nie"  
Eberson-Lindsley Paint Co., St. Louis, Mo.  
Ensign Products Co., Cleveland, O. "Polishem"  
Fairchild (M. H.) & Bro., Chicago, Ill.  
Fiebing Chemical Co., Milwaukee, Wis. "Victor"  
Foy Paint Co., Inc., Cincinnati, (Norwood), O. "Dazolin," "Lusteraid"  
Fromeyer & Co., Cincinnati, O. "Jewel"  
Gem Hammock & Fly Net Co., Milwaukee, Wis. "Spruxter"  
General Cement Mfg. Co., 1041 Kilburn Av., Rockford, Ill. "Creme-O-Wax"  
Glidden Co., Madison Av. & Beres Rd., Cleveland, O. "Renovite"  
Golden Star Polish Co., Kansas City, Mo.  
Grady Mfg. Co., 250 Ely Av., Long Island City, N. Y. "National," "Var-Clean"  
Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulf Gleam," "Gulf Lusterone Preserver," "Gulf Lusterone Rejuvenator"  
Heller (B.) & Co., Chicago, Ill.  
Hollingshead (R. M.) Co., Camden, N. J. "Whiz"  
Indianapolis Paint & Color Co., Indianapolis, Ind. "Auto-Gloss," "Capital City"  
International Metal Polish Co., Indianapolis, Ind. "Blue Ribbon"  
Johnson (S. C.) & Son, Racine, Wis. "Auto-Lak"  
Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Quick Magic Reviver," "Quick Metal"  
Liquid Veneer Corp., Buffalo, N. Y. "Washine"  
Livingston Co., New Haven, Conn. "I. C. U."  
Lord (F. T.) Polish Co., Cambridge, Mass. "Sun-Glo"  
Lowe Bros. Co., Dayton, O.  
Lucas (John) & Co., Phila., Pa. "Auto Klean"  
Lusterine Mfg. Co., Inc., 10 Mason, Bridgeport, Conn. "Lusterine"  
Lustrax-Best Products Co., 1812 Main, Kansas City, Mo. "Lustrax"  
Martin-Senur Co., 2540 Quarry, Chicago, Ill. "Re-Ju-Vo"  
Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Aero," "Radiant"  
Milliste Steel & Wire Works, Inc., Howell, Mich. "Nonequal"  
Minard Co., Framingham, Mass. "Ol-In-Ol"  
Mirrorlike Mfg. Co., Queens Blvd., Long Island City, N. Y. "Reviva"  
Mystic Foam Corp., 6607 Carnegie Av., Cleveland, O. "Mystic"  
Nacto Cleaner Corp., 2171 Madison Av., New York, N. Y. "Nacto"  
New Method Varnish Co., Elmira, N. Y. "Uncle Hiram's"  
Nu-Back Mfg. Co., St. Louis, Mo. "Body-Nu"  
O-Cedar Corp., 4501 S. Western Av., Chicago, Ill. "O-Cedar," "O-So-Easy"  
Parker (C. W.) Co., Inc., Des Moines, Ia. "Lightning," "Parker's Perfect Polish"  
Patterson-Sargent Co., 1325 E. 38th, Cleveland, O. "B. P. S."  
Peerless Sal-O-Well Co., Inc., Buffalo, N. Y. "Sal-O-Well"  
Permatex Co., Sheephead Bay, N. Y.  
Perron Chemical Co., Hurt, Va. "Old Dominion"  
Pilot Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
Pioneer Mfg. Co., Cleveland, O. "Shino"  
Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Mimax"  
Polly Polish Sales Corp., 12 E. Front, Cincinnati, O.  
Red Devil Paint & Varnish Wks., 523 3rd Av., Bklyn, N. Y.  
Rexine Co., Sheboygan, Wis. "E-Z-Kleen"  
Rubon Woodfinishing & Products Co., Kansas City, Mo. "Rubon"  
Sargent Mfg. Co., 38 Elizabeth, Yonkers, N. Y.  
Schieffelin & Co., 16 Cooper Sq., New York, N. Y. "Vernax"  
Scientific Mfg. Co., Scranton, Pa. "All-in-One," "Force"  
Schillo Mop & Chemical Co., 650 N. Parkside Av., Chicago, Ill. "Pine-Tex"  
Schwank (G. W.) Corp., 423 S. Hanover, Baltimore, Md. "Viking"  
Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
Seymour Products Co., Inc., 2416 W. Roosevelt Rd., Chicago, Ill. "See More Lustre"  
Sherwin-Williams Co., Cleveland, O. "Opex," "Polish-Ol"  
Shine-O Polishes, 524 Spruce, Phila., Pa.  
Simoniz Co., 2101 S. Indiana Av., Chicago, Ill.  
Sisk (R. J.) Co., New London, Conn.  
Slick-Shine Co., Inc., 179 Van Buren, Newark, N. J.  
Snyder (Wm. J.) Co., Cleveland, O.  
Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "Mobilgloss," "Mobilwax"  
Sprazit Products Co., 907 Jefferson Av., Toledo, O. "Sprazit"  
Stafford (S. S.) Inc., 609 Washington, New York, N. Y. "Renol," "Reno-eze"

Stakolite Co., 285 Columbus Av., Boston, Mass. (Refinishers)  
Stanley (John T.) Co., 642 W. 30th, New York, N. Y. "Mobo"  
Staples (H. F.) & Co., Inc., Medford, Mass. "Staples"  
Sunshine (John) Chemical Co., Inc., 604 W. Lake, Chicago, Ill. "Mitte"  
Suydam (M. B.) Co., Pittsburgh, Pa. "Majestic," "Monarch"  
Tarnoff Products Co., Inc., 120 Boylston, Boston, Mass. "Tarnoff"  
Thibaut & Walker Co., 46th Road, Long Island City, N. Y. "Mop-It-On" (Refinisher)  
Thornton (L. M.) Mfg. Co., Kansas City, Mo. "Cactus"  
Tumblers (J. A.) Laboratories, Baltimore, Md.  
Ulrich & Co., Buffalo, N. Y. "A. O. K."  
Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y. "Nu-Gloss," "Wonder-Gloss"  
Vaporine Co., 216B W. Kinzie, Chicago, Ill. "Vaporine"  
Waxaid Co., 117 S. Paca, Baltimore, Md. "Karsawax"  
Maxmaster Co., Inc., 356 Main, Wellsville, O. "Waxmaster"  
Werks-E-Z Products, 6804 Manchester Av., St. Louis, Mo.  
White & Bagley Co., Worcester, Mass. "Oilsun"  
Wilbert Products Co., Inc., 805 E. 189th, New York, N. Y. "Dri-Finish"  
Wilson-Imperial Co., 115 Chestnut, Newark, N. J. "Imperial"  
Wipe-On Corp., 14 Hopkins, Bklyn, N. Y. (Refinisher)  
Wonder-Mist Polish Co., Melrose, Mass.

**POLISHES, Floor**

(See also Polishes, Wax and Wax Polish, Liquid)  
Algoma Mfg. Co., Algoma, Wis. "Amco"  
All-Nu Products Co., Camden, N. J. "All-Nu"  
American Floor Surfacing Machine Co., Toledo, O. "American Lustre Finish"  
Asco Chemical Co., 641 Lexington Av., Bklyn., N. Y. "Asco"  
Baldwin Laboratories, Inc., Saegertown, Pa. "Dwin"  
Baltimore Paint & Color Wks., Inc., Baltimore, Md. "Ladylike"  
Barnett Chemical Co., 410 Sullivan, Chicago, Ill.  
Boston Varnish Co., Boston, Mass. "Kyanize Vita-Cote"  
Boyer Chemical Laboratory Co., Chicago, Ill.  
Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Old English"  
Butcher Polish Co., Boston, Mass. "Boston"  
Chamberlain-Haber Chemical Co., Cleveland, O. "Presto"  
Collins (D. A.) Mfg. Co., Inc., 148 89th, Bklyn., N. Y.  
Dri-Brite, Inc., 4443 Cook Av., St. Louis, Mo. "Dri-Brite"  
Ensign Products Co., Cleveland, O. "Polishem"  
Fromeyer & Co., Cincinnati, O. "Jewel"  
Gem Hammock & Fly Net Co., Milwaukee, Wis. "Spruxter"  
Glidden Co., Madison Av. & Beres Rd., Cleveland, O. "Japalac," "Ren-O-Wax"  
Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulf Gleam," "Gulf Lusterone Preserver"  
Indian Refining Co., Lawrenceville, Ill.  
Johnson (S. C.) & Son, Racine, Wis.  
Letner (G. S.) & Co., 1280 Brook Av., New York, N. Y.  
Liquid Veneer Corp., Buffalo, N. Y.  
Lustrax-Best Products Co., 1812 Main, Kansas City, Mo. "Lustrax"  
Masury-Young Co., Charlestown, Mass. "Mycogloss"  
Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Radiant"  
Milliste Steel & Wire Works, Inc., Howell, Mich. "Nonequal"  
Moore (E. B.) & Co., 185 N. Wabash Av., Chicago, Ill.  
O-Cedar Corp., 4501 So. Western Av., Chicago, Ill. "O-Cedar"  
Orient Spray Co., Boston, Mass.  
Paraffine Co., Inc., San Francisco, Cal. "Pabco"  
Schieffelin & Co., 16 Cooper Sq., New York, N. Y. "Vernax"  
Schillo Mop & Chemical Co., 650 N. Parkside Av., Chicago, Ill. "Pine-tex"  
Schwank (C. W.) Corp., 423 S. Hanover, Baltimore, Md. "Viking"  
Sherwin-Williams Co., Cleveland, O. "Flox-Wax," "Floor Wipe"  
Shine-O Polishes, 524 Spruce, Phila., Pa.  
Sisk (R. J.) Co., New London, Conn.  
Slick-Shine Co., Inc., 179 Van Buren, Newark, N. J.  
Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y.  
Stafford (S. S.) Inc., 609 Washington, New York, N. Y. "Renol"  
Stakolite Co., 285 Columbus Av., Boston, Mass. (Refinishers)  
Staples (H. F.) & Co., Inc., Medford, Mass. "Cement Kote," "Mastic Kote," "Mirror Kote," "Rubber Kote," "Staples"  
Thibaut & Walker Co., 46th Road, Long Island City, N. Y. "Mop-It-On" (Refinisher)  
Tucker Duck & Rubber Co., Fort Smith, Ark. "Kantakratsh"  
Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y. "Satin Gloss"  
Windsor Wax Co., Inc., 53 Park Pl., New York, N. Y.  
Wipe-On Corp., 14 Hopkins, Bklyn, N. Y. (Refinisher)  
Wonder-Mist Polish Co., Melrose, Mass.  
Woodfinishing Products Co., 32 Industrial, New York, N. Y.

**POLISHES, Furniture—See Polishes, Automobile, Furniture, Etc.**

## POLISHES, Metal

Adams & Elting Co., Chicago, Ill. "Shinite"  
Adro Co., 24 Bond, New York, N. Y. "Adro"  
Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av.,  
Chicago, Ill. "Allen" (Stainless Steel)  
All-Nu Products Co., Camden, N. J. "All-Nu"  
American Metal Polish Corp., Cambridge, Mass.  
"Meyers-Put Cream," "Universal Putz Pomade"  
American Polish Co., Chicago, Ill. "Autokleen,"  
"Eagle Brand"  
American Products Co., 3265 Colerain Av., Cincin-  
nati, O. "Veeco"  
Arco Co., 7801 Bessemer, Cleveland, O.  
Asco Chemical Co., 641 Lexington Av., Bklyn., N. Y.  
Asco  
Barnett Chemical Co., 410 Sullivan, Chicago, Ill.  
Basch (Geo.) Co., 138 Spring, New York, N. Y.  
"Nevr-Dull"  
Baum's Castorine Co., Rome, N. Y.  
Bennett (E. W.) Co., San Francisco, Cal. "Bril-  
liantshine"  
Bettes (A. O.) Mfg. Co., Kansas City, Mo.  
Boyer Chemical Laboratory Co., Chicago, Ill. "3B"  
Campbell Paint & Varnish Co., St. Louis, Mo.  
"Star"  
Cando Corp., 25 Thorndyke, Cambridge, Mass.  
"Quick-as-a-Wink"  
Carter Products Corp., 702 Front Av., Cleveland, O.  
"Carter," "Dura-Glitz"  
Chamberlain-Haber Chemical Co., Cleveland, O.  
"Met-L-Shyn," "Presto"  
Chemical Supply Co., 2460 Canal Rd., Cleveland, O.  
"R.M.P."  
Chi-Namel Paint & Varnish Co., 1101 Third, So.,  
Minneapolis, Minn.  
Clark Quality Products, Inc., 158 Hague, Rochester,  
N. Y. "Clark's Quick Shine"  
Cleveland Cleaner & Paste Co., 7275 Neville Av.,  
S. W., Cleveland, O. "Painters' Friend"  
Clifton Chemical Co., Inc., 246 Front, New York,  
N. Y.  
Crowell Chemical Co., East Rutherford, N. J. "Ox-  
ford"  
Cudahy Packing Co., Anchor Glue Div., Dept. 1,  
Chicago, Ill. "Parrot"  
Detroit White Lead Wks., Detroit, Mich. "Rogers"  
Dewey Specialty & Chemical Co., Phila., Pa.  
Dominant Products Co., Inc., 359 Pearl, New York,  
N. Y. "Dominant"  
Du Pont (E. I.) de Nemours & Co., Inc., Wilming-  
ton, Del. "Dupont," "Metalshine," "No. 7"  
Durke-Atwood Co., Minneapolis, Minn. "Rie-Nie"  
Ensign Products Co., Cleveland, O. "Polishem"  
Ericka Mfg. Co., Springfield, Mass. "Shineau"  
Fairchild (M. H.) & Bros., Chicago, Ill.  
Fenier Chemical Co., Inc., 239 Mill, Springfield,  
Mass. "Rub-Less"  
Fiebing Chemical Co., Milwaukee, Wis. "Lusterine"  
Flash Chemical Co., Cambridge, Mass.  
Foy Paint Co., Inc., Cincinnati, (Norwood), O.  
"Dawolin"  
Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
Golden Star Polish Mfg. Co., Kansas City, Mo.  
Gould & Olenz, Inc., 140 Liberty, New York,  
N. Y.  
Grady Mfg. Co., 250 Ely Av., Long Island City,  
N. Y. "Army & Navy," "Cremo," "Glittershine,"  
"Golden Glitter," "Golden Glow," "Mooney's,"  
"Scourer," "Summershine"  
Heller (B.) & Co., Chicago, Ill. "Golden Gloss  
Shin"  
Hollingshead (R. M.) Corp., Camden, N. J. "Whis"  
Hutchinson & Co., Dallas, Tex. "French"  
Imperial Products Co., Inc., 1617-31 N. 2nd, Phila.,  
Pa. "Imperial"  
International Metal Polish Co., Indianapolis, Ind.  
"Blue Ribbon"  
Jewel Paint & Varnish Co., Chicago, Ill.  
Johnson (S. C.) & Son, Racine, Wis. "Shi-Nup"  
Jones (Frank) Chemical Wks., Inc., 57 Lexington  
Av., Bklyn., N. Y. "Krome Plate"  
Le Page's, Inc., Gloucester, Mass. "Signet"  
Livingston Co., New Haven, Conn. "I. C. U."  
Lord (F. T.) Polish Co., Cambridge, Mass. "Car-  
brite," "Lumino"  
Lusterine Mfg. Co., Inc., 10 Mason, Bridgeport,  
Conn. "Lusterine"  
Martin & Martin, Chicago, Ill. "E-Z"  
Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
Matchless Metal Polish Co., Chicago, Ill. "Mexoline,"  
"Tripoline"  
Midway Chemical Co., Div. American Home Prod-  
ucts Corp., 257 Cornelson Av., Jersey City, N. J.  
"Metbrite"  
Miller (Walter W.) Co., Indianapolis, Ind. "Bar-  
keeper's Friend," "Gold Medal," "U. S."  
Mirrorlike Mfg. Co., Queens Blvd., Long Island  
City, N. Y.  
Mystic Foam Corp., 6607 Carnegie Av., Cleveland,  
O. "Edith"  
Nixon, Inc., 405 Lexington Av., New York, N. Y.  
Nu-Back Mfg. Co., St. Louis, Mo. "Brass-Nu."  
"Nickel-Brite"  
Paul (J. C.) & Co., 930 Roscoe, Chicago, Ill. "Putz  
Pomade"  
Pinal Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
Prescott (J. L.) Co., Passaic, N. J. "A-1"  
Prescott (J. L.) Co., Sheboygan, Wis. "Maxine"  
Rexine Co., India Wharf, Boston, Mass.  
Savogran Co., 423 S. Hanover, Baltimore,  
Schwank (C. W.) Corp., 423 S. Hanover, Baltimore,  
Md. "Viking"  
Scientific Mfg. Co., Inc., Scranton, Pa. "Forre"  
Sewall Paint & Varnish Co., 1009 W. 8th, Kansas  
City, Mo. "Sewall's"  
Shepard & Moore, Inc., 208 St. Clair Av., N. W.,  
Cleveland, O. "S & M"

Sherwin-Williams Co., Cleveland, O.  
Shine-O Polishes, 524 Spruce, Phila., Pa.  
Skat Co., Hartford, Conn. "Skat"  
Slick-Shine Co., Inc., 179 Van Buren, Newark, N. J.  
Solarine Co., Eaglet & Smallwood, Baltimore, Md.  
"Lunarine"  
Sonneborn (L.) Sons, 83 Lexington Av., New York,  
N. Y. "Amalie"  
Stafford (S. S.) Inc., 609 Washington, New York,  
N. Y. "Renol"  
Stanley (John T.) Co., North River & 30th, New  
York, N. Y. "Mobo"  
Sunshine (John) Chemical Co., Inc., 604 W. Lake,  
Chicago, Ill. "Mitee"  
Superior Laboratories, Grand Rapids, Mich. "Ina-  
wink," "Stovoli"  
Ulrich & Co., Buffalo, N. Y. "A-O-K," "Raydo"  
Uncle Sam Chemical Co., Inc., 329 E. 29th, New  
York, N. Y. "Red Marvel," "Wonder"  
Wilbert Products Co., 805 E. 139th, New York, N. Y.  
"Wonderful"  
Wipe-On Corp., 14 Hopkins, Bklyn., N. Y. "Wipe-  
Kleen"  
Wonder-Mist Polish Co., Melrose, Mass.

**POLISHES, Shoe—See Blackings and Polishes, Shoe**

## POLISHES, Silver

Absorene Mfg. Co., St. Louis, Mo. "H E H"  
American Metal Polish Corp., Cambridge, Mass.  
"Silva Putz"  
American Products Co., 3265 Colerain Av., Cincin-  
nati, O. "Veeco"  
Barnett Chemical Co., 410 Sullivan, Chicago, Ill.  
Bettes (A. O.) Mfg. Co., Kansas City, Mo.  
Boyer Chemical Laboratory Co., Inc., Chicago, Ill.  
"3B"  
Cando Corp., 25 Thorndyke, Cambridge, Mass.  
Cardex Mfg. Co., Arlington Station, Baltimore, Md.  
"Repossee," "Rose-Pattern"  
Chamberlain-Haber Chemical Co., Cleveland, O.  
Dewey Specialty & Chemical Co., Phila., Pa.  
Flash Chemical Co., Cambridge, Mass.  
Gorham Co., 576 5th Av., New York, N. Y.  
Grady Mfg. Co., 250 Ely Av., Long Island City, N.  
Y. "U-Re-Ka"  
Hartford Steel Ball Co., West Hartford, Conn.  
"Silver Gleam"  
Heller (B.) & Co., Chicago, Ill.  
International Metal Polish Co., Indianapolis, Ind.  
"Blue Ribbon"  
International Silver Co., Meriden, Conn.  
Johnson (S. C.) & Son, Racine, Wis. "Shi-Nup"  
Landers, Frary & Clark, New Britain, Conn. "Uni-  
versal"  
Magic Polish Co., 1150 B'way, New York, N. Y.  
Matchless Metal Polish Co., Chicago, Ill. "White  
Diamond"  
Midway Chemical Co., Div. American Home Prod-  
ucts Corp., 257 Cornelson Av., Jersey City, N. J.  
"Silverbrite"  
Mystic Foam Corp., 6607 Carnegie Av., Cleveland,  
O. "Edith"  
Peerless Sal-O-Well Co., Inc., Buffalo, N. Y. "Sal-  
O-Well"  
Savogran Co., India Wharf, Boston, Mass.  
Shepard & Moore, Inc., 208 St. Clair Av., Cleve-  
land, O. "S & M"  
Silvering Co., 1215 E. Republic, Peoria, Ill.  
Silver Suda Co., 829 N. 19th, Phila., Pa. "Silver  
Suda"  
Slick-Shine Co., Inc., 179 Van Buren, Newark, N. J.  
Solarine Co., Eagle & Smallwood, Baltimore, Md.  
Uncle Sam Chemical Co., Inc., 329 E. 29th, New  
York, N. Y. "Metalux"  
Wilbert Products Co., Inc., 805 E. 139th, New York,  
N. Y. "Wonderful"  
Wright (J. A.) & Co., Keene, N. H.

## POLISHES, Stove

American Products Co., 3265 Colerain Av., Cincin-  
nati, O. "Veeco"  
Barton Mfg. Co., 4157 N. Kingshighway, St. Louis,  
Mo. "Dyanshine"  
Bettes (A. O.) Mfg. Co., Kansas City, Mo. "Ideal"  
Brush-On Stove Polish Co., Amesbury, Mass.  
"Brush-On"  
Chieftain Mfg. Co., Baltimore, Md.  
Diamond (John) & Sons, Lansdowne, Pa.  
Dixon (Jos.) Crucible Co., Monmouth St., Jersey  
City, N. J.  
International Metal Polish Co., Indianapolis, Ind.  
"Blue Ribbon"  
Johnson's Laboratory, Inc., Worcester, Mass. "Krust-  
off," "Stovink"  
Lusterine Mfg. Co., Inc., 10 Mason, Bridgeport,  
Conn. "Re-Sto-R"  
Martin & Martin, Chicago, Ill. "E-Z"  
Midway Chemical Co., Div. American Home Prod-  
ucts Corp., 257 Cornelson Av., Jersey City, N. J.  
"Stovbrite"  
Prescott (J. L.) Co., 27 8th, Passaic, N. J. "Black  
Silk," "Enameline," "Fyr-Pruf," "Rising Sun,"  
"Vulcanol"  
Satin Glass Polish Co., Portland, Me.  
Slick-Shine Co., Inc., 179 Van Buren, Newark, N. J.  
Superior Laboratories, Grand Rapids, Mich. "Ina-  
wink," "Stovoli"  
United States Graphite Co., Saginaw, Mich.  
Utility Co., 636 W. 44th, New York, N. Y. "Uko"  
Williams Stove Lining Co., Taunton, Mass. "Eagle"  
Williams (W. B.), Inc., 142 Pine, Montclair, N. J.  
"Dozal"

## POLISHES, Wax

(See also Polishes, Floor and Wax Polish, Liquid)  
American Floor Surfacing Machine Co., Toledo, O.  
"American"  
Asco Chemical Co., 641 Lexington Av., Bklyn., N. Y.  
"Asco"  
Baltimore Paint & Color Wks., Inc., Baltimore, Md.  
"Lady Like"  
Beacon Co., 89 Bickford, Boston, Mass.  
Bowers "Seal-Fast" Corp., Indianapolis, Ind. "Seal-  
ovar"  
Boyle (A. S. Co., Div. American Home Products  
Corp., 257 Cornelson Av., Jersey City, N. J.  
"Old English"  
Burgess (C. F.) Laboratories, Chicago, Ill.  
Butcher Polish Co., Boston, Mass.  
Chi-Namel Paint & Varnish Co., 1101 Third, So.,  
Minneapolis, Minn.  
Clark Quality Products, Inc., 158 Hague, Rochester,  
N. Y. "Clark's Quick Shine"  
Collins (D. A.) Mfg. Co., Inc., 148 39th, Bklyn.,  
N. Y.  
Dri-Brite, Inc., 4443 Cook Av., St. Louis, Mo. "Dri-  
Brite"  
DuPont (E. I.) de Nemours & Co., Inc., Wilming-  
ton, Del. "Duco," "Du Pont," "No. 7"  
Durham (Donald) Co., 203-205 School, Des Moines,  
Ia. "National Hard Wear"  
Foy Paint Co., Inc., Cincinnati (Norwood) O.  
"Foy's"  
Franklin Research Co., 5134 Lancaster Av., Phila.,  
Pa. "Rubber-Gloss"  
Fromeyer & Co., Cincinnati, O. "Jewel"  
Glidden Co., Madison Av. & Berea Rd., Cleveland,  
O. "Japalac," "Ren-O-Wax"  
Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.  
"Gulf Lusterone Preserver"  
International Metal Polish Co., Indianapolis, Ind.  
"Blue Ribbon"  
Johnson (S. E.) & Son, Racine, Wis.  
Jordan, F., 134 Bank, New York, N. Y. "Jordan's"  
Knox & Morse Co., Glo-Ax Div., Cambridge, Mass.  
"Glo-Ax"  
Landers, Frary & Clark, New Britain, Conn.  
Leiner (G. S.) & Co., 1280 Brook Av., New York,  
N. Y.  
Liquid Veneer Corp., Buffalo, N. Y.  
Lustrax-Best Products Co., 1812 Main, Kansas  
City, Mo. "Lustrax"  
Marietta Paint & Color Co., Marietta, O.  
Martin Varnish Co., Chicago, Ill.  
Masury-Young Co., Charlestown, Mass. "Myro-  
Gloss"  
Midway Chemical Co., Div. American Home Prod-  
ucts Corp., 257 Cornelson Av., Jersey City, N. J.  
"Aerowax"  
Minnesota Mining & Mfg. Co., 791 Forest, St.  
Paul, Minn. "3-M"  
Minwax Co., 11 W. 42nd, New York, N. Y.  
Mystic Foam Corp., 6607 Carnegie Av., Cleveland,  
O. "Mystic"  
O-Cedar Corp., 4501 So. Western Av., Chicago,  
Ill. "O-Cedar"  
Paraffine Cos., Inc., San Francisco, Cal. "Pabco"  
Perrow Chemical Co., Hurt, Va. "Old Dominion"  
Pittsburgh Plate Glass Co., Paint Div., Grant Bldg.,  
Pittsburgh, Pa. "Waterspar"  
Sailors (R. L.) & Co., Longview, Wash. "Wonder  
Wax"  
Sapolin Co., Inc., 229 E. 42d, New York, N. Y.  
Schieffelin & Co., 16 Cooper Sq., New York, N. Y.  
"Vernax"  
Schillo Mop & Chemical Co., 650 N. Parkside Av.,  
Chicago, Ill. "Pine-tex"  
Sherwin-Williams Co., Cleveland, O. "Flo-Wax"  
Shine-O Polishes, 524 Spruce, Phila., Pa.  
Slick-Shine Co., Inc., 179 Van Buren, Newark, N. J.  
Socony-Vacuum Oil Co., Inc., 26 B'way, New York,  
N. Y. "Tavern"  
Jisk (R. J.) Co., New London, Conn.  
Staples (H. F.) & Co., Inc., Medford, Mass.  
"Cement Kote," "Mastic Kote," "Mirror Kote,"  
"Rubber Kote," "Staples"  
Tarnoff Products Co., Inc., 120 Boylston, Boston,  
Mass. "Tarnoff"  
Triplewear Brake Linings Corp., 37 Kentucky Av.,  
Paterson, N. J. "Triplelustr"  
Uncle Sam Chemical Co., Inc., 329 E. 29th, New  
York, N. Y. "Satin Gloss," "Wonder"  
Waxaid Co., 117 S. Paca, Baltimore, Md. "Filmo"  
Wilbert Products Co., Inc., 805 E. 139th, New York,  
N. Y. "No-Rub"  
Wilson-Imperial Co., 115 Chestnut, Newark, N. J.  
"Imperial"  
Windsor Wax Co., Inc., 53 Park Pl., New York, N. Y.  
Woodfinishing Products Co., 32 Industrial, New  
York, N. Y.

**POLISHING CLOTHS—See Cloths, Polishing**

**POLISHING EMERY POWDER—See Abrasives**

**POLISHING HEADS—See Heads, Grinding and**

**POLISHING LEATHERS—See Leathers, Washing**

**POLISHING MACHINES, FLOOR, ELECTRIC—**

**See Machines, Polishing, Scrubbing, Waxing,**

**Floor, Electric**

**POLISHING MITTENS—See Mittens, Polishing**

**POLISHING MOPS—See Mops, Dust and Polishing**

**POLISHING PAPER—See Paper, Dusting & Pol-**

**ishing**

**POLISHING WHEELS—See Wheels, Polishing**

**POLO BALLS, Water—See Balls, Polo, Water**

**PONY SHOES—See Shoes, Horse, Male and Pony**

**POOL BALLS—See Balls, Billiard**

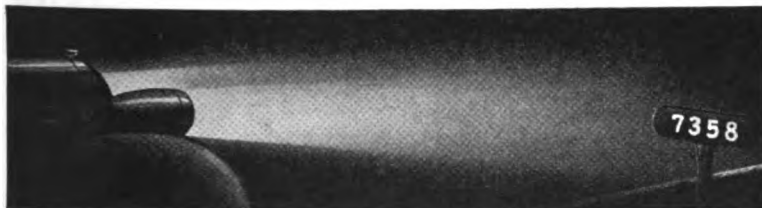


**STEP UP YOUR SALES with The "MONEY-MAKER" Line**

**THE WORLD'S SAFEST LADDERS**

**FLINT**  
SINCE 1880  
*Ladders*

**A.W. FLINT CO.**  
NEW HAVEN, CONN.



## AN ALL-SEASONS ITEM

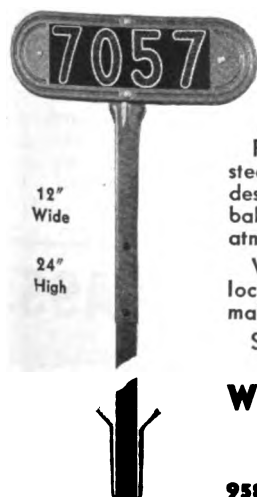
Each One Sold Sells More  
EVERY HOME A PROSPECT

## CATAPHOTE REFLECTING HOUSE NUMBER SIGNS

DURABLE • DECORATIVE • WEATHERPROOF • BRILLIANT VISIBILITY AT 300 FEET

### NOMINAL INVESTMENT—ECONOMICAL STOCK UPKEEP

Numeral panels are of "Cataphlex" glass. Silvered backing and white border is sealed with a special black coating similar to Cataphote's well known reflector buttons used on highways.



### TWO TYPES

CURB-SIDE TYPE (left)  
MOUNTING TYPE (right)



Size 9½" x 3¼"

Frame of heavy, rust-resisting steel stamped out in pleasing design. Finished in high-grade baked enamel—not affected by atmospheric conditions or salt air.

Wire anchor at bottom of post locks itself into the ground—makes pilfering difficult.

Shipped K. D., to sell at \$3.00.

The black enameled frame of heavy aluminum is channel formed for inserting numerals. Flanges at both ends have holes to insert screws for mounting to flat surface.

This type sign is readily mounted to a building, door, step-riser, tree or post.

Shipped K. D., to sell at \$1.00.

## WESTERN CATAPHOTE CORP.

Manufacturers all kinds of Reflecting and Plain  
Traffic and Street Signs

958 WALL STREET

TOLEDO, OHIO, U.S.A.

Mention Hardware Age When Writing



Actual Size Numerals used on Both Types

# A STRAIGHT LINE to Greater Profits -

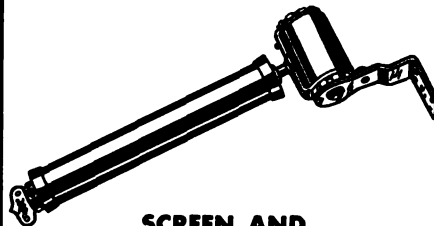
If you want to get the real story of the ILCO line—talk to any ILCO Dealer. You'll find enthusiasm there you simply can't miss! Why? For the best reason in the world . . . ILCO Dealers have seen ILCO steadily build greater and more generous profits for them, with up-to-the-minute lines, priced for quick turnover.

Every year, ILCO is bringing bigger, better sales to more dealers—the ILCO line will do the same for you. Write today for full information and the ILCO catalog!



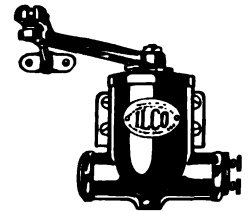
## PADLOCKS

The big ILCO line offers a real choice to your customers. Pin-tumbler and disc-tumbler cylinder padlocks, single and double locking; all sizes, in attractive finishes. Sales making display board available!



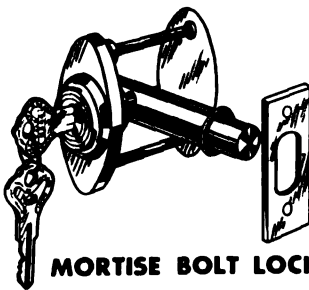
## SCREEN AND STORM DOOR CLOSERS

Four outstanding models that you can sell at a good profit, summer and winter, year in, year out! Built with the features your customers want in these closers.



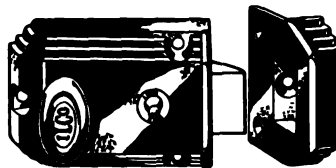
## LIQUID DOOR CLOSERS

The model shown heads up a fast-selling line of door closers, famous for their quality, dependability under hard usage, and downright handsome construction.



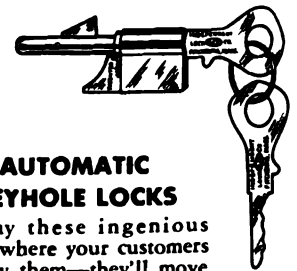
## MORTISE BOLT LOCKS

You can sell these superior mortise bolt locks for a hundred different uses—and sell them fast! For closets, garages, sheds, chests, cabinets, all sorts of doors.



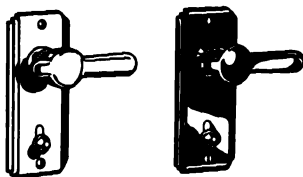
## NIGHT LATCHES

ILCO night latches are known for extra protection and extra beauty! The model shown leads a big line, including jimmy-proof deadlatches in all sizes, both automatic and manually operated. Supplied in attractive, eye-appealing finishes.



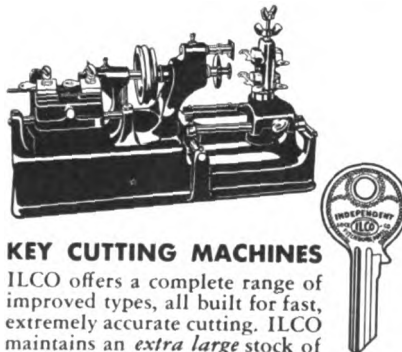
## AUTOMATIC KEYHOLE LOCKS

Display these ingenious locks where your customers can try them—they'll move off your counter fast! Display allows customers to see how this little device gives pin tumbler protection to ordinary mortise locks!



## TUBULAR SCREEN DOOR LATCH SETS

Here's something really NEW! Modern plastic trim for screen door latch sets—priced right for quick sale in a million homes! Supplied in black or ivory. Also made with brass trim. Free working display mount furnished with order.



## KEY CUTTING MACHINES

ILCO offers a complete range of improved types, all built for fast, extremely accurate cutting. ILCO maintains an *extra large* stock of key blanks of all types for immediate shipment of orders.



## CABINET LOCKS

This ILCO line includes a wide range of dependable locks, in various sizes and finishes, for drawers, cabinets, wardrobes, desks—any sort of storage compartment. Easily installed.

# INDEPENDENT LOCK CO., FITCHBURG, MASS.



Branches in all Principal Cities, including:

New York City  
25 Warren Street  
Philadelphia, Pa.  
523 Commerce St.  
Los Angeles, Calif., 406 Wall Street

Boston, Mass.  
207 A Street  
Pittsburgh, Pa.  
212 Third Ave.

Baltimore, Md.  
611 No. Eutaw St.  
Chicago, Ill.  
555 W. Randolph St.  
Seattle, Wash., 568 First Avenue, S.

Detroit, Mich.  
2109 Cass Ave.  
San Francisco, Calif.  
121 Second Street

Mention Hardware Age When Writing

POOL and BILLIARD TABLES, Children's—See Tables, Billiard and Pool, Children's

POOL SUPPLIES—See under Billiard

## POOLS, Wading

American Playground Device Co., Anderson, Ind.  
Close-To-Nature Co., Colfax, Ia.  
Everwear Mfg. Co., Springfield, O.  
Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
Gendron Wheel Co., Toledo, O.  
Rench Mfg. Co., 16th & Junction Av., Racine, Wis.  
Wenzel (Herman) Tent & Duck Co., St. Louis, Mo.  
Werner Canvas Products Co., 607 Bergen, Bklyn., N. Y.

POP CORN SHELLERS—See Shellers, Pop Corn

## POPGUNS

All Metal Products Co., Wyandotte, Mich.  
Daisy Mfg. Co., 414 Union, Plymouth, Mich., "Daisy"  
Gibbs Mfg. Co., Canton, O. "Popper"  
Schoenhut Mfg. Co., 2046 Castor Av., Phila., Pa.

## POPPERS, Corn

Ade-O-Matic Co., 400 N. Michigan Av., Chicago, Ill. "Ade-O-Matic"  
American Pop Corn Co., Sioux City, Ia. "Jolly Time"  
Bersted Mfg. Co., Fostoria, O. "Tip-Top," (Electric)  
Betsy Ross Electric Products Corp., Johnson City, N. Y. (Electric)  
Bromwell Wire Goods Co., Cincinnati, O.  
Cannon Oilier Co., Keithsburg, Ill. "Easy-Pop"  
Cretors (C. J.) & Co., Chicago, Ill.  
Dickinson (Albert) Co., Chicago, Ill. "Little Buster"  
Dominion Electrical Mfg. Co., Mansfield, O.  
Excel Mfg. Co., Muncie, Ind. (Electric)  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Holcomb & Hoke Mfg. Co., Indianapolis, Ind.  
Jackes-Evans Mfg. Co., St. Louis, Mo. "Aunt Sarah's" (Electric)  
Keene (O. S.) Machine Co., 311 Myrtle, Elkhart, Ind. "E-Z" (Also Electric)  
Kingsley Mfg. Co., Cincinnati, O.  
Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "Kwikway," "Tel-A-Matic" (Electric)  
Mabe Electric & Mfg. Co., Peoria, Ill. "Hot Quick," "Korn Krisper"  
National Sales Co., Des Moines, Ia. "Peerless"  
New Delphos Mfg. Co., Delphos, O.  
Star Mfg. Co., Inc., St. Louis, Mo. (Electric)  
U. S. Mfg. Corp., Decatur, Ill. "Pop-Frier" (also Electric)  
U. S. Popcorn Machine Co., 6611 Euclid Av., Cleveland, O. "Frenchflake"  
Washburn Company, Worcester, Mass.  
West Bend Aluminum Co., West Bend, Wis.  
Wilson Mfg. Co., Niles, O.

PORCELAIN BATH TUBS—See Tubs, Bath Porcelain

PORCELAIN CEMENT—See Cement, Porcelain

PORCELAIN CLEANERS—See Cleaners, Porcelain

PORCELAIN DISHES, Toy—See Dishes, Toy

PORCELAIN KEY PLATES—See Plates, Key, Porcelain

PORCELAIN TILE—See Tile, Roofing and Wall

PORCELAIN WIRING CLEATS—See Cleats, Wiring, Porcelain

PORCELAIN WIRING KNOBS—See Knobs, Wiring, Porcelain

PORCELAIN WIRING TUBES—See Tubes, Wiring, Porcelain

PORCH FURNITURE—See Furniture, Beach, Lawn and Porch

PORCH GATES—See Gates, Porch

PORCH GLIDERS—See Gliders, Lawn, Porch, etc.

PORCH POST IRONS—See Irons, Porch Post

PORCH RAILING—See Railing, Porch

PORCH SHADES—See Shades, Porch

PORCH SWING CHAINS—See Chains, Hammock and Porch Swing

PORCH SWING SPRINGS—See Springs, Porch Swing

PORCH SWINGS—See Swings, Porch

PORK RIND STRIPS—See Baita, Pork Rind Strips

PORTABLE BAKING OVENS—See Ovens, Baking, Portable

PORTABLE BARS—See Bars, Portable

PORTABLE CONCRETE MIXERS—See Mixers, Concrete, Portable

PORTABLE ELECTRIC ARC WELDERS—See Welders, Electric Arc, Portable

PORTABLE ELECTRIC BLOWERS—See Blowers, Electric, Portable

PORTABLE ELECTRIC BLOWING & SUCTION EQUIPMENT—See Equipment, Blowing & Suction, Electric, Portable

PORTABLE ELECTRIC HAMMERS—See Hammers, Electric, Portable

PORTABLE FORGES—See Forges, Portable

PORTABLE GARAGES—See Garages, Portable

PORTABLE GASOLINE HEATERS—See Heaters, Room, Gasoline

PORTABLE GOLF SETS—See Sets, Golf, Portable

PORTABLE HEAT UNITS—See Heat Units, Portable

PORTABLE KEROSENE HEATERS—See Heaters, Room, Kerosene; Also Heaters, Kerosene, Cabinet

PORTABLE LATHES—See Lathes, Portable

PORTABLE OUT-DOOR SHOWERS—See Showers, Out-Door, Portable

PORTABLE PLATFORM SCALES—See Scales, Platform, Portable

PORTABLE POULTRY HOUSES—See Houses, Poultry, Portable

PORTABLE PUMPS—See Pumps, Portable

PORTABLE PUNCHES—See Punches, Portable

PORTABLE SAW RIGS—See Rigs, Saw, Portable

PORTABLE SEWING MACHINES—See Sewing Machines, Electric

PORTABLE SHOWER BATHS—See Baths, Shower, Portable

PORTABLE VISE STANDS—See Stands, Vise, Portable

PORTABLE WASH BASIN RACKS—See Racks, Wash Basin, Portable

POST CAPS—See Caps, Post

POST DRILLS—See Drills, Post

POST HOLE AUGERS—See Augers, Post Hole

POST HOLE DIGGERS—See Diggers, Post Hole

POST MAULS—See Mauls, Post

POST SPADES—See Spades, Post

POSTAL SCALES—See Scales, Postal

## POSTS, Clothes Line

(See also Poles, Clothes)

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Banks Steel Post Co., 235 Poinier, Newark, N. J.  
Century Fence Co., Waukesha, Wis.  
Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av., Cincinnati, O.  
Clay Equipment Corp., Cedar Falls, Ia.  
Cyclone Fence Co., Waukegan, Ill.  
Davis & Siehl Co., Cincinnati, O.  
Donley Bros. Co., Cleveland, O.  
Harker Mfg. Co., Cincinnati, O. "Green Top"  
Hubeny Brothers, Inc., Roselle, N. J.  
Mid-West Forging Co., 38 So. Dearborn, Chicago, Ill.  
Newark Steel Post Co., 10 White, West Orange, N. J. "So-Easy Re-Move-Able"  
Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
Rotary Clothes Dryer Co., Allentown, Pa.  
Steel Craft Co., 865 Osborn, Burlington, Ia.

## POSTS, Fence, Steel and Iron

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American," "Ideal," "National," "USS Banner"  
Anchor Post Fence Co., Baltimore, Md.  
Atlantic Steel Co., Atlanta, Ga. "Dixisteel"  
Badger Wire & Iron Wks., Milwaukee, Wis.  
Berghman Co., 1417 Wash. Blvd., Maywood, Ill. "Sprink-Bak"  
Bethlehem Steel Co., Bethlehem, Pa. "Erecto," "Omego"  
Buffalo Steel Co., Tonawanda, N. Y. "Quick-Set"  
Century Fence Co., Waukesha, Wis.  
Colorado Fuel & Iron Co., Denver, Colo. "Silver Tip"  
Continental Steel Corp., Kokomo, Ind.  
Cyclone Fence Co., Waukegan, Ill.  
Enterprise Fence & Wire Mfg. Co., Indianapolis, Ind.  
Gade, C. L., Iowa Falls, Ia.  
Indiana Steel & Wire Co., Muncie, Ind. "Imperial"  
Inland Steel Co., 38 S. Dearborn, Chicago, Ill. "Red Top"  
Janesville Fence & Post Co., Janesville, Wis.  
Keystone Steel & Wire Co., Peoria, Ill. "Aluminum Stripe," "Red Top"  
Kitselman Bros., Muncie, Ind. "Can't Bend"  
Laclede Steel Co., Arcade Bldg., St. Louis, Mo.  
Leadclad Wire Co., Moundsville, W. Va. "Lead-clad"  
Logan Co., Louisville, Ky.  
Mid-States Steel & Wire Co., Crawfordsville, Ind.  
Milcor Steel Co., Milwaukee, Wis.  
Northwestern Steel & Wire Co., Sterling, Ill. "Master T," "Sterling"  
Page Steel & Wire Div. of American Chain & Cable Co., Inc., Monessen, Pa.  
Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa. "Studded Tee"  
Republic Steel Corp., Republic Bldg., Cleveland, O. "Republic Studded Y" (Steel)  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Smith (F. P.) Wire & Iron Wks., 2346 Clybourn Av., Chicago, Ill. "Supreme"  
Standard Fence Co., Oakland, Cal.  
Stevens Metal Products Co., Niles, O.  
Sweet's Steel Co., Williamsport, Pa.  
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala. "American," "Banner"  
Wheeling Steel Corp., Wheeling, W. Va.

## POSTS, Hitching, Iron and Steel

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Fiske (J. W.) Iron Wks., 78 Park Place, New York, N. Y. "Darkey," "Jockey"  
Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
Sterling Foundry Co., Sterling, Ill. "Best"

## POSTS, Tennis Net

Ferse (F. C.) Co., Narberth, Pa. "Teniko"  
Hellenberger (J. B.) Co., Coldwater, Mich.  
Lane (M. R.) & Sons, Ardmore, Pa.  
Newark Steel Post Co., 10 White, West Orange, N. J. "Re-Move-Able"  
Northland Ski Mfg. Co., St. Paul, Minn.  
Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Av., Niagara Falls, N. Y. "Premax" (Steel)  
Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

POTATO BALL CUTTERS—See Cutters, Potato Ball

POTATO BASKETS—See Baskets, Potato

POTATO CREAMERS—See Creamers, Potato

POTATO DUSTERS—See Dusters, Insecticide

POTATO HOOKS—See Hooks, Potato

POTATO MASHERS—See Mashers, Potato

POTATO PARERS—See Parers, Fruit and Vegetable

POTATO PLANTERS—See Planters, Potato Hand

POTATO RICERS—See Mashers, Potato

POTATO SCOOPS—See Scoops, Vegetable

POTATO SLICERS—See Slicers, Fruit and Vegetable

POTATO SPRAYERS—See Sprayers, Potato

POT CLEANERS—See Cleaners, Pot, Metal

POT CLEANING CHAINS—See Chains, Pot & Pan, Cleaner

POT COVERS—See Covers, Cooking Utensil

POT SCRAPERS—See Scrapers, Pot

## POTS, Bean

Corning Glass Wks., Corning, N. Y. "Pyrex"  
Dorchester Pottery Wks., Boston, Mass.  
Moore Enameling & Mfg. Co., W. Lafayette, O. "Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
Naxon Utilities Corp., 2101 W. Walnut, Chicago, Ill. "Naxon" (Electric)  
Universal Potteries, Inc., Cambridge, O. "Oxford"  
Wingender (Chas.) & Bros., Haddonfield, N. J.

## POTS, Coffee

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever," "Stylized Drip"  
Bellaire Enamel Co., Bellaire, O. "Beco," "Beco-Lator" (Drip)  
Bremer Aluminum Corp., New Washington, O. "Dr. Koch" (Drip)  
Columbian Enameling & Stamping Co., Terre Haute, Ind. "Creole" (Drip)  
Corning Glass Wks., Corning, N. Y. "Pyrex"  
Enterprise Aluminum Co., Massillon, O. "Drip-O-Lator"  
Federal Enameling & Stamping Co., McKees Rocks, Pa. "Old Holland" (Drip)  
Fraunfeiter China Co., Zanesville, O. (Drip)  
Gender, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Griswold Mfg. Co., Erie, Pa.  
Hall China Co., E. Liverpool, O.  
Health-Maid, Inc., Cleveland, O.  
Kewaskum Aluminum Co., Kewaskum, Wis.  
Landers, Frary & Clark, New Britain, Conn.  
Leyse Aluminum Co., Kewauonee, Wis. "Dripmaster" (Electric Drip)  
Metal Ware Corp., Two Rivers, Wis. "Pilgrim Ware"  
Moore Enameling & Mfg. Co., W. Lafayette, O. "Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Porcelier Mfg. Co., Greensburg, Pa. (Drip)  
Rome Mfg. Co. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
Strong Mfg. Co., Sebring, O. "Strong"  
Tricolator Co., Inc., 230 6th Av., New York, N. Y. (Drip)  
U. S. Stamping Co., Moundsville, W. Va.  
Vollrath Co., Sheboygan, Wis. "Kook-King"  
Wagner Mfg. Co., Sidney, O.  
West Bend Aluminum Co., West Bend, Wis.  
POT COVER HOLDERS—See Holder, Cover

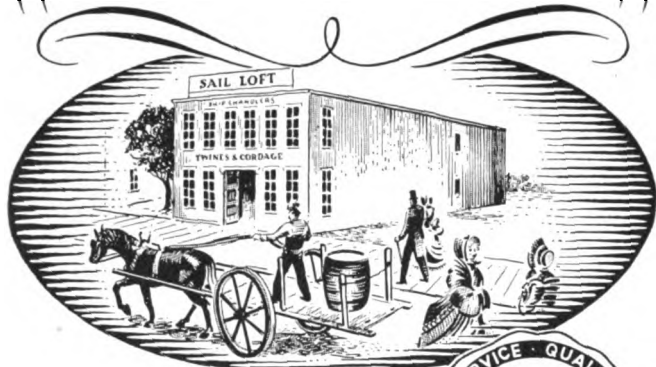
POTS, Fire—See Furnaces and Torches, Gasoline and Kerosene

## POTS, Flower

Arterete Products Co., Upper Darby, Pa. "Artcrete"  
Brush Pottery Co., Zanesville, O.  
Goodwin Bros. Pottery Co., Elmwood, Conn.  
Hews (A. H.) & Co., Cambridge, Mass.  
Hilfinger Bros., Fort Edward, N. Y.  
Ionia Pottery Co., Ionia, Mich.  
Logan Pottery Co., Logan, O.



# 100 YEARS IN BUSINESS

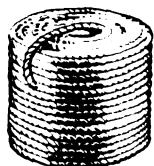


CHICAGO IN 1840



## Headquarters FOR ROPE, TWINE AND CORDAGE

For 100 years Carpenter has worked hand in hand with the trade in order to provide the best possible products for the advancing needs of your customers. The Carpenter line offers you a substantial profit opportunity—coupled with the quality products at reasonable prices, prompt service and friendly cooperation.



### ROPE

Manila, Java, Sisal, Jute, Cotton, Hemp, etc.



### TWINE

Jute, Flax, Hemp, Cotton, Manila, Java, Sisal, etc.



### BRAIDED CORDS

Sash Cord, Clothes Line, Awning, Shade, Small Braided, Venetian Blind, etc.



### MISCELLANEOUS

Oakum, Packing, Waste, Caulking Cotton, Wicking and Jute Webbing.

When you need rope, twine, or cordage of any kind, Carpenter can give you complete information, prices, and assure prompt handling of your orders.

# GEO. B. CARPENTER & CO.

440 N. WELLS STREET

CHICAGO, ILLINOIS

Mill Distributors

DUCK

AWNING STRIPES

AWNING HARDWARE

ROPE

TWINE

CORDAGE

# Sell ECONOMICAL LUBRICATION

Your customers want economical lubrication—not just cheap lubricants. Sell them Dixon's Graphited Lubricants—that stand up better—cutting power costs, maintenance costs, and cost-per-year of lubricant.

Dixon's Ticonderoga Flake Lubricating Graphite for cylinder and bearing lubrication, packings, gaskets, threaded joints, etc.

Particle Size No. 1—large, unctuous flakes.

Particle Size No. 2—

finely subdivided powdered flakes.

Dixon's Cup and Pressure Gun Graphited Grease—Insoluble in water, hence ideal for all outdoor as well as indoor machinery. Retains consistency at all temperatures. Lasts longer than plain grease. In six consistencies.

Dixon's L & P (Lubricating and Penetrating) Graphited Oil—Quick-Action rust solvent, rust preventive, and lubricant for general industrial, household and automotive use. In handy 3 oz. or pint squirt cans, or in large quantities.



## GRAPHITE is the Answer

Natural flake graphite, used alone, is the ideal lubricant for many applications. Mixed with oil or grease it provides lubricants of unsurpassed qualities—lubricants that will stand up where plain oils or greases squeeze out, wash out, or melt out.

Dixon's Solid Belt Dressing—handy, giant bar held against running belt reduces slip, lengthens belt life, will not harden or crack belt even after years of use.

Dixon's Pipe Joint Graphite Compound—tightly seals all flanged, gasketed and threaded joints against steam, gas, air, acid, alkalis, brine, and all aqueous solvents. Enables easy disassembling of joints years later.



Write for Booklet KP-71

JOSEPH DIXON CRUCIBLE CO.

JERSEY CITY • NEW JERSEY

## DIXON'S GRAPHITE PRODUCTIONS



SEND FOR CIRCULARS

Mention Hardware Age When Writing

## POTS, Flower (Continued)

Louisville Pottery Co., Louisville, Ky.  
Yalta Pottery Co., York, Pa.  
Pittsburg Pottery Co., Pittsburg, Kan.  
Richardson Co., Lockland, O. "Richelaim"  
Springfield Clay Mfg. Co., Springfield, O.  
Syracuse Pottery Co., Syracuse, N. Y.  
Uhl Pottery Co., Huntingburg, Ind.  
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.  
Zane Pottery Co., S. Zanesville, O.

## POTS, Flower, Paper

Bird & Son, Inc., East Walpole, Mass. "Neponset"

## POTS, Flux

Chicago Hdw. Fdry. Co., North Chicago, Ill.  
Schlifer Hardware Co., Appleton, Wis. "Sure Shot"

## POTS, Glue

American Electrical Heater Co., Detroit, Mich.  
"American Beauty"  
Brannon, Inc., 14307 Third Av., Detroit, Mich.  
"Blue-Boy" (Electric)  
Francis (Chas. E.) Co., Rushville, Ind. (Electric)  
Hollands Mfg. Co., Erie, Pa.  
Hynes & Cox Elec. Corp., Albany, N. Y.  
Lafayette Metal Spinning Co., Inc., 248 Lafayette, New York, N. Y. (Copper)  
Landers, Frary & Clark, New Britain, Conn. (Electric)  
Marietta Hollow Ware & Enameling Co., Marietta, Pa.  
Rohne Electric Co., 112 E. 34th, Minneapolis, Minn.  
"Rite-Hete" (Electric)  
Russell Electric Co., 378 W. Huron, Chicago, Ill.  
"Hold-Heat"  
St-Warm Electric Co., Ravenna, O. "Triplex" (Electric)  
Trent (Harold E.) Co., 616 N. 54th, Phila., Pa. (Electric)  
U. S. Hdw. & Mfg. Co., Pawtucket, R. I.  
Vulcan Electric Co., Lynn, Mass. "Vulcan" (Electric)  
Wages, A. H., 27 Warren, New York, N. Y. (Electric)  
Wallace (J. D.) & Co., 134 S. California Av., Chicago, Ill. (Electric)  
Westhouse Electric & Mfg. Co., E. Pittsburgh, Pa.

## POTS, Melting

American Fdry. & Mfg. Co., St. Louis, Mo.  
Clayton & Lambert Mfg. Co., Detroit, Mich.  
Drake Electric Wks., Inc., 3656 Lincoln Av., Chicago, Ill.  
Electric Soldering Iron Co., Inc., Deep River, Conn.  
"Elico" (Electric)  
Hollands Mfg. Co., Erie, Pa.  
Johnson (William), Inc., 36 Brenner, Newark, N. J.  
Lectrohm Inc., 5138 W. 25th, Place, Cicero, Ill. (Electric)  
Sawyer Belt Hook Co., Pawtucket, R. I.  
St-Warm Electric Co., Ravenna, O. (Electric)  
Sweet (A. L.) Iron Wks., Medina, N. Y.  
Trent (Harold E.) Co., 616 N. 54th, Phila., Pa. (Electric)  
Turner Brass Wks., Sycamore, Ill.  
Unico Mfg. Co., Inc., Chicago, Ill.  
United States Hardware & Mfg. Co., Pawtucket, R. I.  
Vulcan Electric Co., 600 Broad, Lynn, Mass. "Vulcan"

## POTS, Tallow

Eagle Mfg. Co., Wellsburg, W. Va.  
Gem Mfg. Co., Pittsburgh, Pa.  
Lafayette Metal Spinning Co., Inc., 248 Lafayette, New York, N. Y.  
Noara Mfg. Co., Waterbury, Conn.  
Wall (P.) Mfg. Supply Co., 3126-3166 Preble Av., N. B. Pittsburgh, Pa.

## POTS, Tea

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
Aluminum Goods Mfg. Co., Manitowoc, Wis.  
"Mirro" "Viko"  
American Aluminum Ware Co., 374 Jelliff Av., Newark, N. J. "Peerless"  
American Teabob Co., Milwaukee, Wis. "London Teabob"  
Atlantic Stamping Co., Rochester, N. Y.  
Bellaire Enamel Co., Bellaire, O. "Beco"  
Brush Pottery Co., Zanesville, O. "Mitusa"  
Columbian Enameling & Stamping Co., Terre Haute, Ind.  
Corning Glass Wks., Corning, N. Y. "Pyrex"  
Federal Enameling & Stamping Co., McKees Rocks, Pa. "Old Holland"  
Fraunfelder China Co., Zanesville, O.  
Gander, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Griwald Mfg. Co., Erie, Pa.  
Hall China Co., E. Liverpool, O.  
Health-Maid, Inc., Cleveland, O.  
Kewaskum Aluminum Co., Kewaskum, Wis.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Lyon (F. H.) Co., Cincinnati, O.  
Machett-Evans Glass Co., Div. Corning Glass Wks., Charleroi, Pa. "Crystal Chef"  
More Enameling & Mfg. Co., W. Lafayette, O.  
"Enamart" "Marblart" "Memco Decorated" "Memco Standard" "Moore"

Morton Pottery Co., Morton, Ill.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Rome Mfg. Co., Div. Revere Brass & Copper Co., Rome, N. Y.  
Slux Co., Hartford, Conn. "Teakets"  
Twinspot Pottery Co., Inc., 400 E. Fordham Rd., New York, N. Y. "Tea Master"  
Universal Potteries, Inc., Cambridge, O. "Oxford"  
U. S. Stamping Co., Moundville, W. Va.  
Vollrath Co., Sheboygan, Wis. "Kook-King"  
Wagner Mfg. Co., Sidney, O.

## POTS, Tea, Electric

Landers, Frary & Clark, New Britain, Conn. "Universal"

## POTS, Watering

Atlantic Stamping Co., Rochester, N. Y.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Crunden (Martin) Mfg. Co., St. Louis, Mo.  
Dover Stamping & Mfg. Co., Cambridge, Mass.  
Eagle Mfg. Co., Wellsburg, W. Va.  
General Metalware Co., Minneapolis, Minn. "Martintware"  
Gander, Paeschke & Frey Co., Milwaukee, Wis.  
Hodges (Wm.) Co., Phila., Pa. "Witherspoon"  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Lisk Mfg. Co., Canandaigua, N. Y.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
Rochester Can. Co., Rochester, N. Y. "Iron Horse"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"

## POTS, Watering, Toy

Wolverine Supply & Mfg. Co., Pittsburgh, Pa. "Sandy Andy"

POTTER'S KNIVES—See Knives, Potter's

POULTRY BROOD COOPS—See Coops, Brood.

Poultry

POULTRY BROODERS—See Brooders

POULTRY COOPS—See Coops, Poultry

POULTRY EQUIPMENT—See Poultry Supplies

POULTRY FEED HOPPERS—See Hoppers, Feed.

Poultry

POULTRY FEED OAT SPROUTERS—See Sprouters, Oat

POULTRY FEEDERS—See Feeders, Poultry

POULTRY FENCE—See Fence, Poultry

POULTRY FOUNTAINS—See Fountains, Poultry

POULTRY GRIT BOXES—See Boxes, Grit, Poultry

POULTRY HOUSE CLEANERS—See Scrapers, Chicken Coop

POULTRY HOUSES—See Houses, Poultry, Portable

POULTRY HOVERS—See Brooders; also Incubators

POULTRY INCUBATORS—See Incubators

POULTRY LEG BANDS—See Bands, Leg, Poultry

POULTRY NESTS—See Nests, Poultry

POULTRY NETTING—See Netting, Wire

POULTRY NETTING STAPLES—See Staples, Poultry Netting

POULTRY PUNCHES—See Punches, Poultry

## POULTRY SUPPLIES

Advance Mfg. Co., Tipton, Ind.  
Barker Poultry Equipment Co., Ottumwa, Ia.  
"Barker"  
Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "No Way"  
Boyer Mfg. Co., Thorntown, Ind.  
Budke Stamping Co., 302 Hutchinson Av., Canonsburg, Pa.  
Collins, W. H., 27 Greene, New York, N. Y.  
Collis Co., Clinton, Ia.  
Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
Davenport Ladder Co., Davenport, Ia.  
Dayton Toy & Specialty Co., Dayton, O. "Daten"  
Electroweld Mfg. Co., 3217 W. Irving Blvd., Chicago, Ill.  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
General Metalware Co., Minneapolis, Minn. "Martintware"  
Glenfield Supply Co., Glenfield, Pa.  
Hoelt Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Incubator Moisture Guide Co., Springfield, Mo. "Paterson & Young"  
James Mfg. Co., Ft. Atkinson, Wis. "Jamesway"  
Klein Mfr. Co., Burlington, Ia. "K-Line"  
Louden Mch. Co., Fairfield, Ia.  
Lowell Specialty Co., Lowell, Mich.  
Makomb Steel Products Co., Macomb, Ill. "Makomb"  
Mit-Shel Stamping Mfg. Co., Quincy, Ill.  
National Ideal Co., 914 Summit, Toledo, O. "National Ideal" "Premier" "White-Line"  
National Mfg. & Stamping Co., Des Moines, Ia. "Red Star"  
New McCurdy Mfg. Co., Ada, O.  
Oakes Mfg. Co., Inc., Tipton, Ind.  
Perfecto Co., Baltimore, L. I., N. Y. (Leg Bands)  
Putnam (I.) Inc., Ellmira, N. Y. (Oat Sprouter)  
Reliable Incubator & Brooder Co., Quincy, Ill.  
Ross Cutter & Silo Co., Springfield, O.

Royal Mfg. Co., Bowling Green, O. "Royal"  
Sexton Can Co., Everett, Mass.  
Simplex Brooder Stove Co., Grand Rapids, Mich. "Simplex"  
Starline, Inc., Harvard, Ill. "Starline"  
Superior Mfg. Co., 1725 Rockingham Rd., Davenport, Ia.  
Thieman Harvester Co., Inc., Albert City, Ia. "Kleen Kwik"  
Thomas-Armstrong Co., London, O. "Buckeye"  
Weber-Kirch Mfg. Co., Keokuk, Ia. "W-K"  
POULTRY TROUGHS—See Troughs, Poultry

## POUNDERS, Steak

Arcade Mfg. Co., Freeport, Ill.  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y. "Foster Bros." "Peerless"  
Colebrookdale Iron Co., Boyertown, Pa.  
Ennis Mfg. Co., Reading, Pa.  
Grey Iron Casting Co., Mt. Joy, Pa. "Mt. Joy"  
Piqua Manising Wood Products Co., Cleveland, O.  
Stover Mfg. & Engine Co., Freeport, Ill.  
Wrightsville Hdw. Co., Wrightsville, Pa. "Gem"

## POURERS, Liquor

Meco, Inc., 2947 N. 30th, Milwaukee, Wis.  
Tos Top Co., 1225 Bway, New York, N. Y.  
POWDER, Ant—See Powder, Roach and Ant

## POWDER, Blasting

(See also Dynamite)  
American Powder Mills, Maynard, Mass.  
Atlas Powder Co., Wilmington, Del. "Giant"  
Columbia Powder Co., Tacoma, Wash.  
Du Pont (E. I.) de Nemours & Co., Explosives Dept., Wilmington, Del. "Du Pont"  
Equitable Powder Mfg. Co., East Alton, Ill.  
Hercules Powder Co., Inc., Wilmington, Del.  
Illinois Powder Mfg. Co., St. Louis, Mo.  
POWDER, Emery—See Abrasives

## POWDER, Gun

American Powder Mills, Maynard, Mass. "Dead Shot"  
Atlas Powder Co., Wilmington, Del.  
Du Pont (E. I.) de Nemours & Co., Explosives Dept., Wilmington, Del. "Du Pont" (Pistol, Rifle & Shot Gun Smokeless & Black)  
Hercules Powder Co., Inc., Wilmington, Del. "Bullseye" "E. C." "Herc" "Hival No. 2" "Hival No. 3" "Infallible" "Red Dot" "2400" "Unique" (Pistol, Rifle & Shot Gun)  
Illinois Powder Co., Inc., St. Louis, Mo. "Quick Shot"  
King Powder Co., Cincinnati, O.

## POWDER, Roach and Ant

All-Nu Products Co., Camden, N. J. "All-Nu"  
Bonide Chemical Co., Inc., Utica, N. Y.  
Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Black Flag"  
Chamberlain-Haber Chemical Co., Cleveland, O. "Nipon"  
Chemical Supply Co., 2450 Canal Rd., Cleveland, O.  
Connecticut Chemical & Disinfectant Co., New Haven, Conn. "Supreme"  
Dolge (C. B.) Co., Westport, Conn.  
Elco Mfg. Co., 521 S. Aiken Av., Pittsburgh, Pa. "Elco"  
Heller (B.) & Co., Chicago, Ill.  
McCormick Sales Co., McCormick Bldg., Baltimore, Md. "Bee Brand"  
Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Ant-Ded" "Roach-Ded"  
Murray (Edgar A.) Co., Detroit, Mich. "Doom"  
Petterman (Wm.), Inc., 10 W. 51st, New York, N. Y.  
Powell (John) & Co., Inc., 114 E. 32nd, New York, N. Y.  
Reynolds (Jas. T.) & Son, Lapeer, Mich.  
Soilicide Laboratories, Inc., 8 Laurel Pl., Upper Montclair, N. J. "TAT"  
Stanco Distributors, Inc., 2 Park Av., New York, N. Y. "Flit"  
Tanglefoot Co., Grand Rapids, Mich. "Tanglefoot"  
Tongue (R. E.) & Bros. Co., Inc., Allegheny Av. & Amber, Phila., Pa. "Big Chief"  
Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y. "Foramba"  
White Tar Co. of New Jersey, Inc., Kearny, N. J.  
POWDERED GLUE—See Glue, Powdered  
POWDERS, ALUMINUM—See Powders, Bronze, Gold, Aluminum, etc.

## POWDERS, Bronze, Gold, Aluminum, Etc.

Aluminum Bronze Powder Co., Bedford, O.  
Aluminum Co. of America, 1841 Gulf Bldg., Pittsburgh, Pa.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., Bklyn., N. Y.  
Malone Bronze Powder Wks., Inc., Malone, N. Y.  
Ohio Bronze Powder Co., 1120 E. 152nd, Cleveland, O.  
Premier Chemical Co., 12435 Euclid Av., Cleveland, O. "Norbo"  
Reynolds Metals Co., Inc., Richmond, Va.  
Sapolin Co., Inc., 229 E. 42d, New York, N. Y.  
Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O.  
POWDERS, Gold—See Powders, Bronze, Gold, Aluminum, Etc.

# EMBURY LIGHTING PRODUCTS

DEFIANCE



No. 2 DEFIANCE  
Cold blast, long globe, 1" wick, burns 45 hours.



No. 2 TRIUMPH  
Cold blast, short globe, 1" wick, burns 45 hours.



No. 1 LITTLE DEFIANCE  
Cold blast, small short globe, 3/4" wick, burns 30 hours.

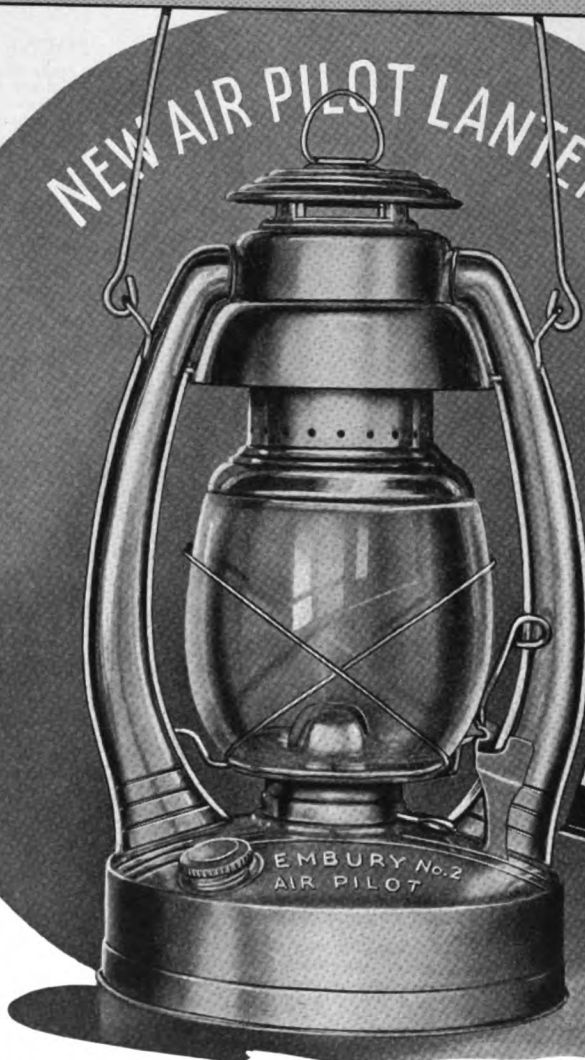


No. 100 LITTLE DEFIANCE  
Cold blast, small short globe, 3/4" wick, burns 70 hours.



No. 0 DEFIANCE  
Hot blast, long globe, 3/4" wick, burns 30 hours.

NEW AIR PILOT LANTERN



Now in  
**2**  
Sizes

AMERICA'S ACE LANTERN now comes in two sizes, the big size No. 2 Air Pilot and the New No. 1 Little Air Pilot. Newest Air Flow design, construction and combustion make both fast sellers that push lantern sales to new highs.

## Characteristics of The Air Pilot and All Embury Lanterns

- 1. WIND PROOF**—Balanced Air Control equalizes the air flow and windproofs the flame. Aero-Dome keeps out rain and dirt. Stays lit in roughest weather. Strong, steady, dependable light.
- 2. INSTANT LIGHTING**—Rising Burner Cone provides quick lighting, ready accessibility for trimming. Large handy oil filler. No. 2 Air Pilot burns 45 hours with large flame.
- 3. AUTOMATIC STANDING BAIL**—Air Pilot is always ready for convenient use. Bail stands upright automatically ready to pick up.
- 4. REINFORCED FOR EXTRA STRENGTH**—Patented "locked in" bail ear construction and double-strutted lift lug reinforce the whole frame. Makes Air Pilot sturdiest made.
- 5. LIFT LEVER DESIGNED FOR ADDED CONVENIENCE**—Made to fit the thumb, the smooth, easy operating lift lever holds globe securely in raised position for lighting. No fuss. No bother. No adjusting.
- 6. LEAK PROOF RUST RESISTING BOTTOM**—Double seamed. Lead coated. Rust proof. Whole lantern made of extra heavy, finest grade tin plate.

FREE

This unique two color window and counter display 21 inches high and 17 inches wide FREE with initial order of six or more Air Pilots

SUPREME



No. 246 SUPREME  
Cold blast, long globe, 1" wick, burns 45 hours.



No. 140 SUPREME  
Cold blast, short globe, 3/4" wick, burns 45 hours.



No. 180 LITTLE SUPREME  
Cold blast, small short globe, 3/4" wick, burns 30 hours.



No. 350 LITTLE SUPREME  
Cold blast, small short globe, 3/4" wick, burns 70 hours.



No. 210 SUPREME  
Hot blast, long globe, 3/4" wick, burns 30 hours.

EMBURY MANUFACTURING COMPANY, WARSAW, NEW YORK

## Luck-E-Lite Lanterns-Torches-Flares



No. 385 LUCK-E-LITE  
Bracket type truck flare. Meets ICC and state requirements. Vertical mounting.



No. 500 HIGHWAY LANTERN  
For contractor use. Small short globe, 3/4" wick, burns 100 hours. Yellow enamel finish.



No. 225 LUCK-E-LITE  
Contractor lantern. Small short globe, 3/4" round wick, burns 50 hours. Red enamel finish.



No. 751 LUCK-E-LITE TORCH  
Flat base. Weather guard burner, 3/4" round wick, burns over 24 hours. Black enamel finish.



No. 750 LUCK-E-LITE TORCH  
Self-righting. Weather guard burner, 3/4" round wick, burns over 24 hours. Black enamel finish.



No. 25 LUCK-E-LITE  
Truck lantern. Extra strong and safe. Small short globe, 3/4" round wick, burns 50 hours. Gray enamel finish.



No. 375 LUCK-E-LITE  
Box type truck flare. Meets ICC and state requirements. Vertical or horizontal mounting.

Mention Hardware Age When Writing



**POWDERS, Zinc, Metallic**

Belmont Smelting & Refining Works, Inc., 317 Belmont Av., Bklyn., N. Y.  
New Jersey Zinc Co., 160 Front, New York, N. Y.

**POWER GRIND STONES—See Stones, Grind, Power****POWER HAMMER DRILLS—See Drills, Power Hammer****POWER HOMECRAFT HACK SAWS—See Saws, Power Hack, Homecraft****POWER LAWN MOWERS—See Mowers, Power, Electric; also Mowers, Power, Gasoline****POWER LAWN ROLLERS—See Rollers, Lawn, Power****POWER PUMPS—See Pumps, Power****POWER SAWS—See Saws, Power****POWER SPRAY PUMPS—See Pumps, Spray, Power****POWER TOOLS—See Tools, Homecraft, Electric****POWER TRANSMITTING ATTACHMENTS FOR FORDS**

American Farm Machinery Co., St. Paul, Minn.  
Shaw Mfg. Co., Galesburg, Kan.

**POWER WORKING BARRELS—See Cylinders, Wall****PREPARED PAINTS—See Paints, Ready Mixed****PREPARED WAX—See Polishes, Floor; also Polishes, Furniture****PRESERVED FISH BAITS—See Baits, Fish, Preserved****PRESERVERS, Egg**

California Egg Preserver Co., Ltd., 544 Market, San Francisco, Cal. "Fleming's Egg-Keep"

**PRESERVERS, LEATHER—See Preservers, Metal, Wood, Leather, Etc.****PRESERVERS, Life**

American Pad & Textile Co., Greenfield, O. (Water-vast)  
Atlantic-Pacific Mfg. Corp., 124 Atlantic Av., Bklyn., N. Y. "Adults"

Armstrong Cork Co., Lancaster, Pa.  
Dodge Cork Co., Inc., Lancaster, Pa.

Kapo Products Co., E. Cambridge, Mass.  
Lift-Boy Corp., 3275 Penobscot Bldg., Detroit, Mich. "Lift-Boy"

New York Rubber Corp., Beacon, N. Y.

**PRESERVERS, Metal, Leather, Wood, Canvas, Etc.**

(See also Compounds, Rust Preventing and Removing)

American Rust Proof Co., 8 W. 40th, New York, N. Y. "Vatru"

Barrett Co., 40 Rector, New York, N. Y. "Carbo-soda" (Wood)

C-A-Wood Preserver Co., 6623 Delmar Blvd., St. Louis, Mo. "C-A" (Wood)

Carbolignum Wood Preserving Co., Milwaukee, Wis. "Avenarius" (Wood)

Carbon Chemical Products, Inc., 106 Sherman Av., West Fort Atkinson, Wis. "Kar-Bon-Pak," "Kar-Bon-Seal"

Chipman Chemical Co., Inc., Bound Brook, N. J. "Atlas"

Cuprinol, Inc., 1190 Adams, Boston, Mass. (Wood & Canvas)

Prost Paint & Oil Co., Minneapolis, Minn. "Kapak Paint"

Leather Vita Co., Inc., Madison, Conn. "Leather Vita"

Pictrebor Chemical Co., Bellport, N. Y. "Pictrebor" (Wood)

Protection Products Mfg. Co., Kalamazoo, Mich. "Stormy Weather," "Woodlife"

Robson Preserve Co., Port Huron, Mich. (Canvas)

Saginaw Salt Products Co., Box 228, Saginaw, Mich. "Frigido"

Superior Laboratories, Grand Rapids, Mich. (Metal)

Waterlox of Ohio, Inc., 2636 E. 76th, Cleveland, O. "Waterlox"

**PRESERVING KETTLES—See Kettles, Preserving****PRESERVING WAX—See Wax, Paraffine****PRESS BUTTON POCKET KNIVES—See Knives, Pocket, Push Button****PRESS SCREWS—See Screws, Press****PRESSERS, Tie, Electric**

Jiffy Electric Co., Inc., Hazel Park Station, Royal Oak, Mich.

**PRESSERS, Trouser, Electric**

Empire Electric Co., 802 Main, Cincinnati, O. "DeLuxe"

Jackson & Co., Inc., 39 Prospect Av., Mt. Vernon, N. Y. "Lektro-press"

Krischer Trading Corp., 210 Taaffe Pl., Bklyn., N. Y. "Press-Rite"

**PRESSES, Arbor**

Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich. "Atlas"

**PRESSES, Drill, Electric, Homecraft**

Arade Mfg. Co., Freeport, Ill.  
Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich. "Atlas"

Boice-Crane Co., 1730 Norwood Av., Toledo, O. "Boice-Crane"

Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. E.E., Chicago, Ill. "Handee"

Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.

Double A Products Co., Inc., Ann Arbor, Mich.

Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.

Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"

Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"

Wallace (J. D.) & Co., 134 S. California Av., Chicago, Ill. "Workace"

Yates-American Machine Co., Beloit, Wis.

**PRESSED STEEL HAND LAWN MOWERS—See Mowers, Lawn, Hand, Pressed Steel****PRESSES, Berry—See Presses, Fruit****PRESSES, Cider—See Mills and Presses, Cider****PRESSES, Cookie**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.

Pross Mfg. Co., Grand Rapids, Mich. "Sani-Press"

Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Rosette" (Swedish)

Thomson (Aug.) & Co., 488 Woodward Av., Bklyn., N. Y. "Ateco"

**PRESSES, Fruit**

(See also Mills or Presses, Cider)

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y.

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro," "Viko" (Rotary)

American-Acme Co., Emigsville, Pa.

Anstice (Josiah) & Co., Rochester, N. Y. "Sterling"

Baccelleri Mfg. Co., Berlin, N. J.

Chiarugi Bros., 1022 W. Taylor, Chicago, Ill.

Crown Mfg. Co., Phelps, N. Y. "Morjuice"

Cutaway Harrow Co., Higganum, Conn. "Farmers' Favorite"

Donaldson Bros., Mt. Clemens, Mich.

Dunning & Boschert Press Co., Syracuse, N. Y.

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"

Glenfield Supply Co., Glenfield, Pa. "Pal" (Rotary)

Grey Iron Casting Co., Mt. Joy, Pa.

Hocking Valley Mfg. Co., Lancaster, O. "Oasis"

Hydraulic Press Mfg. Co., Mount Gilead, O. "Mount Gilead"

Landers, Frary & Clark, New Britain, Conn.

Lansing Co., Lansing, Mich.

McDowell Mfg. Co., Pittsburgh, Pa. "Dilver"

Phoenix Hdw. Mfg. Co., Buffalo, N. Y.

Red Cross Mfg. Co., Bluffton, Ind.

Rock Island Mfg. Co., Rock Island, Ill.

Salem Tool Co., Salem, O. "Oasis," "Silver"

Schriver (O. P.) Co., Cincinnati, O. "Juicy Fruit"

Swett (A. L.) Iron Works, Medina, N. Y.

Trescott Co., Fairport, N. Y.

Wagner Mfg. Co., Sidney, O.

Whitehurst (R. W.) Mfg. Corp., Norfolk, Va. "Little Boss"

Wrightsville Hdw. Co., Wrightsville, Pa. "Brighton," "Economy"

**PRESSES, Grape—See Presses, Fruit****PRESSES, Knurling—See Tools, Knurling****PRESSES, Lard**

Donaldson Bros., Mt. Clemens, Mich.

Eagle Mach. Co., Lancaster, O.

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"

Landers, Frary & Clark, New Britain, Conn.

Lansing Co., Lansing, Mich.

Red Cross Mfg. Co., Bluffton, Ind.

Rock Island Mfg. Co., Rock Island, Ill.

Salem Tool Co., Salem, O. "Silver"

Schriver (O. P.) Co., Cincinnati, O. "Hercules"

Wagner Mfg. Co., Sidney, O.

**PRESSES, Meat Juice**

Landers, Frary & Clark, New Britain, Conn.

Wrightsville Hdw. Co., Wrightsville, Pa.

**PRESSES, Seal**

American Casting & Mfg. Corp., 30 Main, Bklyn., N. Y.

American Stamp Mfg. Co., Inc., 82 Fulton, New York, N. Y.

Brooks (E. J.) Co., 164 N. 15th, Newark, N. J.

Dickey Grabler Co., Cleveland, O.

Handlan-Buck Mfg. Co., St. Louis, Mo.

Hogson & Pettis Mfg. Co., New Haven, Conn.

Matthews (Jas. H.) & Co., Pittsburgh, Pa.

Moise-Klinckner Co., San Francisco, Cal.

Monroe-Witt Mfg. Co., North Chicago, Ill. "Anchor," "Gem" (Also Pocket)

Murdoch Stamping & Specialty Co., Cincinnati, O.

Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn. "Bernard"

Schwerdtle Stamp Co., Bridgeport, Conn.

Smith (R. H.) Mfg. Co., Springfield, Mass.

Stafford (N. C.), 53rd & 1st Av., Bklyn., N. Y.

Utica Drop Forge & Tool Corp., Utica, N. Y.

**PRESSES, Tennis Racket**

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

Lovell Mfg. Co., Erie, Pa. "Superb"

Magnan (N. J.) & Co., North Attleboro, Mass.

Rawlings Mfg. Co., St. Louis, Mo.

Spaulding (A. G.) & Bros., Chicopee, Mass.

Stall & Dean Mfg. Co., Brockton, Mass.

**PRESSES, Vegetable**

Aluminum Goods Mfg. Co., Manitowoc, Wis.

"Mirro," "Viko" (Rotary)

McDowell Mfg. Co., Millvale Station, Pittsburgh, Pa. "Dilver"

Phoenix Hdw. Mfg. Co., Buffalo, N. Y.

Wrightsville Hdw. Co., Wrightsville, Pa.

**PRESSING CLOTHS—See Cloths, Pressing****PRESSURE OILING CANS—See Oilers, Pump or Pressure****PRESSURE TANK PUMPS—See Pumps, Tank, Pressure****PREVENTIVES, Rust—See Preservers, Metal, Leather, Etc.****PRICE CARD HOLDERS, OPEN COUNTER CASE—See Holders, Price Card, Open Counter Case****PRICE CARD STANDS—See Stands, Price Card****PRICE CARDS and BOOKS—See Cards and Books, Price****PRICE TAGS—See Tags, Marking, Blank and Price****PRICE TICKET HOLDERS—See Holders, Price Ticket****PRICE TICKETS—See Tickets, Price****PRICK PUNCHES—See Punches, Center and Prick****PRIMERS, Cartridges and Shells**

Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Av., Bridgeport, Conn.

Remington Arms Co., Inc., Bridgeport, Conn. "Kleanbore"

Western Cartridge Co., Dept. 50, East Alton, Ill.

Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

**PRIMERS, Cement Floor**

Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston Cement Finish Flat"

Reardon (The) Co., St. Louis, Mo. "Venostone"

**PRIMERS, Wall**

(See also Size, Wall)

Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.

Casein Co. of America, Div. of Borden Co., 350 Madison Av., New York, N. Y.

Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's Exterior Primer," "Poroseal," "Velve-Seal"

Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Plastergrip"

Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Speedwall"

Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Johnston Exterior Primer," "Prima-Sote"

Moore (Benjamin) & Co., 511 Canal, New York, N. Y. "Moorwhite Primer"

McNamara Paint Products Co., Inc., 3108 Beaubien, Detroit, Mich.

National Lead Co., 111 B'way, New York, N. Y. "Dutch Boy"

O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"

Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"

Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Plasco," "Wallhide"

Sealerine Products Co., Detroit, Mich.

Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.

Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "Jiffy"

**PRINTERS, BINDERS & COMPIERS OF HARDWARE JOBBERS' CATALOGS—See Catalog, Compilers, Printers & Binders****PRISON EQUIPMENT—See Equipment, Jail and Prison****PRISON LOCKS—See Equipment, Jail & Prison****PRODS, Live Stock Electric**

Antiseptic Products Co., 3101 Walnut, Denver, Colo.

Electric Stock Driver Co., Bellefontaine, O.

Electrite Fence Co., 177 Knilaus Bldg., Whitewater, Wis.

Hot-Shot Prod Co., 5222 Elliot Av., Minneapolis, Minn. "Hot-Shot Prod"

International Electric Fence Co., 910 W. Van Buren, Chicago, Ill.

**PRODUCE HATCHETS—See Hatchets, Forged Steel****PROPS, Clothes Line**

Berg (John) Mfg. Co., Chicago, Ill.

C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Cronk"

Clark (J. R.) Co., Minneapolis, Minn.

Clay Equipment Corp., Cedar Falls, Ia.

Davis Cooperage Co., Martinsville, Ind.

Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. "Non-Skid," "Sun-Ray"

Erickson (C. E.) Co., Des Moines, Iowa. "Aunt Lucy's"

Gem Mfg. Corp., Bascom, O.

Kaufman, S. E., Trenton, N. J. "Hold-Fast"

Peoria Ironing Board & Specialty Co., Ft. of E. State, Peoria, Ill. "Dandy," "Kan't Drop"

Rich Ladder Mfg. Co., 1006 Depot, Cincinnati, O.

Stoware, Inc., Stow, Vt.

Wells (Frank B.) Co., Bristol, N. H.

## For the First Time—STAINLESS STEEL House Numbers



For the First Time—a house number that can be attached to glass, tile—ANY surface. Use either waterproof cement or STAINLESS STEEL escutcheon pins. Modern, easy to read, always bright, light-reflecting, waterproof. Two finishes: Plain or Pebbled. Ideal for Boats. Each number in a two-color cellophane envelope.

**FREE!** Smart two-color Masonite Display Board (shown at left) and 220 STAINLESS STEEL escutcheon pins—with each assortment of 100 Numbers.

only  
**10c**  
Each

One Dealer Says:

"Biggest volume item in our 10c. hardware."

PARKER PRODUCTS, INC., 1111 Power Ave., Cleveland, Ohio

## Feature the Nozzle That Rings Up Dollars—Not Dimes! CARTER LEVER SPRAY NOZZLE

Easier to sell—because of its exclusive sprinkling and washing advantages, modern one-hand control, automatic water-saving shut-off, and set-nut stationary flow. Leakproof. Beautiful nickel-plate finish. Put up in self-selling counter display cartons (6 to the carton). Order from your jobber.



CARTER PRODUCTS CORP.,  
702 Front Avenue, Cleveland, Ohio

Representatives: EAST—W. A. Hirsch, 38 Lamport Rd., Upper Darby, Pa.; Central Representatives, Inc., 1105 Broadway, N.Y.C.; F. A. McGuire, 705 Rutgers St., Utica, N. Y.; SOUTH—W. Bert McDonough, 431 Peachtree St., N.W., Atlanta; SOUTHWEST—The Hafer Co., 707 So. Erway St., Dallas; WEST—Frank W. Lee, 2117 Fair Park Ave., Los Angeles; Wilson Ellis, 853 Middlefield Rd., Palo Alto, Calif.

It's Swell for Washing Cars!

ALL CONTROLLED BY HAND PRESSURE

OFF

MIST

POWER

STREAM

## BURNLEY SOLDERING PASTE

The ORIGINAL—  
A Favorite for 40 Years  
Makes Solder  
Flow Quick & Fast

Approved by Underwriters' Laboratories  
Also BURNLEY Pipe Joint  
Compound, Soldering Salts and  
Soldering Solution

Manufactured by—

BURNLEY BATTERY & MFG. CO.  
NORTH EAST, PENNSYLVANIA.



## Sewing Machine Repairs

Needles and Oil for All  
Makes of Family Machines



Send for Large Complete Catalogue Illustrating  
All Parts

BREWER SEWING SUPPLIES CO.  
302 W. ADAMS ST. CHICAGO, ILL.

## BROOKS for HOOKS

SINCE 1848

For four generations industry has recognized the buy-word—"Brooks for Hooks" . . . and all types of Bright Iron and Brass Wire Goods. A better and more complete line featuring Screw Eyes, Screw Hooks, Gate Hooks and Eyes, Cup and Shoulder Hooks, "S" Hooks and Eight Hooks, Cornice Hooks and a variety of others—including made-to-order Wire forms of all types. Send for catalog, prices and see "BROOKS FOR HOOKS."

M. S. BROOKS & SONS, BOX "B", CHESTER, CONN.

## BEALL KANTLINK SPRING WASHERS

Keep Bolted Assemblies permanently TIGHT

Millions used in all types of manufacturing plants.

Finest steel—live action.

Fully Guaranteed by  
BEALL TOOL COMPANY  
East Alton, Ill.

ASK YOUR JOBBER



## COBURN



- Door Hangers and Track
- Sliding Door Hardware
- Garage Door Hardware
- Overhead Door Hardware
- Folding Partition Hardware
- Warehouse Door Hardware
- Fire Door Hardware
- Rolling Store Ladders

Dependable Products Since 1888  
COBURN TROLLEY TRACK CO.  
407 Harding St., Holyoke, Mass.

## APEX Coated Fabrics

will add PUNCH to your line



WE are coated fabric specialists and color experts, with a generation of experience in adding sales-glamor to lines requiring this type of material. Our specialists are always happy to discuss your problems. Put it up to APEX! Samples sent on request.

APEX COATED FABRICS CO., Inc.

16 East 22nd St.

Tel: SPing 7-3140

New York City

"The House of Service"

Mention Hardware Age When Writing

**PROSPECTING HAMMERS**—See Hammers, Prospecting, Forged Steel  
**PROSPECTING PICKS**—See Hammers, Prospecting, Forged Steel

## PROTECTORS, Body, Catchers' and Umpires'

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Hodgman Rubber Co., Framingham, Mass.  
 Kelley, M. W., Austin, Texas (Knee Pad)  
 National India Rubber Co., Bristol, R. I.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Whall (Dick) Camp Goods Co., Athol, Mass.  
 "Boston"  
 Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

## PROTECTORS, Butt, Rubber, Fishing Pole

Hohwieler Rubber Co., Morrisville, Pa.

**PROTECTORS, Chest**—See Protectors, Body

## PROTECTORS, Ear

Buckeye Chemical & Specialty Co., 131 E. 23rd, New York, N. Y. "Champion Ear Stopples"  
 Fiterite Products Co., 23 E. 22nd, New York, N. Y.  
 Safety Ear Drum Protector Co., 263 9th Av., New York, N. Y.  
 Steckler Sales Co., 23 E. 22nd, New York, N. Y.  
 "E-Z," "Protek"

## PROTECTORS, Gas Range and Refrigerator Top

Ballonoff Metal Products Co., 5800 Kinsman Rd., Cleveland, O. "Pro-Tex-Pad"  
 Ohio Stove Pipe & Mfg. Co., 2104 Woodland Av., Cleveland, O. "Pro-Tek-Tor Pad"  
 Sheet Metal Specialty Co., Pittsburgh, Pa. "Protecto"  
 Ventiflector Co., Inc., 434 N. Front, Baltimore, Md. "Economy"  
 Wooster Rubber Co., Wooster, O. "Rubbermaid"

## PROTECTORS, Skate

Brauer Bros., Inc., St. Louis, Mo.  
 Johnson (Alfred) Skate Co., 2845 W. North Av., Chicago, Ill. "Alfred's"  
 Johnson (Nestor) Mfg. Co., 1900 N. Springfield Av., Chicago, Ill.  
 Planert Skate Co., 935 N. Damen Av., Chicago, Ill.  
 Spalding (A. G.) & Bros., Chicopee, Mass.

## PROTECTORS, Sink Drain

Atlas-Ansonia Co., New Haven, Conn.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Seguin, O. J., Springfield, Mass. "Kach-All"  
 Winsted Hdw. Mfg. Co., Winsted, Conn. "Dura-bilt"

## PROTECTORS, Table, Kitchen

Higkers (J.) & Co., Binghamton, N. Y. "Protexit"  
 Wooster Rubber Co., Wooster, O. "Rubbermaid"

## PROTRACTORS, Bevel

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.

## PRUNERS, Bush and Vine

Cartwright (J.) & Son, Malaga, Cal. "Malaga"  
 Pirich (Geo.) Garden Tool Co., 423 University Av., N. E., Minneapolis, Minn. "Pacemaker"  
 Smith (Seymour) & Son, Inc., Oakville, Conn. "Snap-Cut"

## PRUNERS, Tree

(See also Shears, Pruning)  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich. (Sidecut Compound Lever)  
 Boker (H.) & Co., 101 Duane, New York, N. Y. "Tree Brand"  
 C-K-R Div., American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Elmira," "True-Kut," "Waters"  
 Cartwright (J.) & Son, Malaga, Calif. "Malaga"  
 Clyde Cutlery Co., Clyde, O.  
 Columbian Cutlery Co., Reading, Pa.  
 Columbus Handle & Tool Div., American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Disten (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Henry (J. T.) Mfg. Co., Hamden, Conn.  
 Porter (H. K.) Inc., Everett, Mass. "HKP"  
 Rhodes Mfg. Co., Grand Rapids, Mich.  
 Smith (Seymour) & Son, Inc., Oakville, Conn. "Orchard," "Snap-Cut," "Standard," "Telephone," "Tip-Top," "Waters"  
 Tiffany (Carroll R.), Conklin, N. Y.  
 Wells & Wade, Inc., Wenatchee, Wash.

## PRUNERS, Tree, Hydraulic

Bernay Equipment Corp., 254 Canal, New York, N. Y. "Clipper"  
**PRUNING COMPOUNDS**—See Compounds, Pruning & Grafting, Tree Surgeons  
**PRUNING KNIVES**—See Knives, Pruning  
**PRUNING SAWS**—See Saws, Pruning  
**PRUNING SHEARS**—See Shears, Pruning  
**PRYING BARS**—See Bars, Wrecking

## PUCKS, Hockey

Essex Rubber Co., Trenton, N. J.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Northland Ski Mfg. Co., St. Paul, Minn.  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
**PUDDING MOLDS**—See Molds, Cake, Pudding, Etc.  
**PUDDING PANS**—See Pans, Pudding  
**PULL JACKS**—See Jacks, Push & Pull  
**PULL SOCKET CHAIN**—See Chain, Pull Socket  
**PULL TOYS**—See Push and Pull Toys  
**PULLER HOISTS**—See Hoists, Puller  
**PULLER JACKS**—See Jacks, Push & Pull

## PULLERS, Cork

(See also Corkscrews)  
 American Lime Corp., 373 Washington, New York, N. Y. "Fresco"  
 Arcade Mfg. Co., Freeport, Ill. "Champion"  
 Corbin, P. & F., New Britain, Conn.  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Quick & Easy"  
 Williamson (C. T.) Wire Novelty Co., 53 Badgerau, Newark, N. J.  
**PULLERS, Cotter Pin**—See Extractors, Cotter Pin

## PULLERS, Dandelion

(See also Weeders, Garden & Lawn)  
 Casey-Ball & Co., Albion, Nebr. "One-Punch"  
 Gardex, Inc., Michigan City, Ind. "Gardex"  
 General Hdw. Corp., 3530 W. Pierce, Milwaukee, Wis.  
 General Machine Co., Inc., 210 W. Michigan, Milwaukee, Wis. "Dig-Ezy"  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Gogel (Walter A.) Co., 238 S. Erie, Toledo, O.  
 Hamilton Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Johnson, J. Oliver, Chicago, Ill. "Comco"  
 Norcross (C. S.) & Sons, Bushnell, Ill. "Out-U-Kum"  
 Seymour Mfg. Co., Inc., Seymour, Ind.  
 Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo.  
 Troxel Bros., Denver, Colo. "Mauch"  
 Union Fork & Hoe Co., Columbus, O. "Speedy"

## PULLERS, Fuse

Ideal Commutator Dresser Co., Sycamore, Ill. "Fus-pul," "Testlite"  
 States Co., Hartford, Conn.  
 Trico Fuse Mfg. Co., Milwaukee, Wis.

## PULLERS, Nail

(See also Openers, Crate)  
 Belden Mach. Co., New Haven, Conn. "Bel-den," "Diamond-B," "Neverslip"  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Jumbo," "Bex," "Sure Grip," "Unbreakable"  
 Crescent Tool Co., Jamestown, N. Y., "Crescent," "S. & H."  
 Fairmont Tool & Forging Co., Cleveland, O.  
 Iron City Tool Wks., Pittsburgh, Pa. (Spike)  
 Leetonia Tool Co., Leetonia, O.  
 Snow & Petrelli Mfg. Co., New Haven, Conn. "Crown"  
 Union Hdw. Co., Torrington, Conn. "Cyclope"  
 Warwood Tool Co., Wheeling, W. Va.

## PULLERS, Staple

Crescent Tool Co., Jamestown, N. Y. "Crescent," "S. & H."  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diam-Alloy"  
 Estwing Mfg. Co., Rockford, Ill. "Unbreakable," "Unit-ax"  
 Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J. "Supreme"  
 Marshalltown Trowel Co., Marshalltown, Ia.  
 Sayre (L. A.) Co., 332 Mulberry, Newark, N. J. "Hercules"  
 Utica Drop Forge & Tool Corp., Utica, N. Y.

## PULLERS, Stump

Edwards (C. D.) Mfg. Co., Albert Lea, Minn. "Climax," "Jumbo"  
 Faultless Stump Puller Co., Cresco, Ia.  
 Hercules Mfg. Co., Centerville, Ia.  
 Kirstin (A. J.) Co., Escanaba, Mich.  
 Shaffer (J. E.) Co., 621 E. Cameron, Tulsa, Okla.  
 Stockland Road Mach. Co., Minneapolis, Minn.  
 Swenson Grubber Co., Cresco, Ia.  
 Zimmerman Steel Co., Bettendorf, Ia. "Monarch," "Mighty Monarch"

**PULLERS, Tack**—See Claws and Pullers, Tack  
**PULLERS, Weed**—See Weeders, Garden and Lawn

## PULLERS, Wire

(See also Stretchers, Fence and Wire)  
 Dicke Tool Co., Downers Grove, Ill. "Howe," "Imperial"  
 Estwing Mfg. Co., Rockford, Ill. "Unbreakable," "Unit-Ax"  
 Franklin Equipment Co., Monticello, Ia. "Monticello"  
 Harrah Mfg. Co., Bloomfield, Ind. "Handyman"  
 Lodge Mfg. Co., So. Pittsburg, Tenn. "One-Man"  
 Ney Mfg. Co., Canton, O.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Starline, Inc., Harvard, Ill. "Star"  
 Utica Drop Forge & Tool Corp., Utica, N. Y.  
**PULLEY CHAINS**—See Chains, Pulley  
**PULLEY LOCKS**—See Locks, Pulley  
**PULLEYS**—See also Blocks

## PULLEYS, Awning, Etc.

Corbin, P. & F., New Britain, Conn.  
 Guarantee Specialty Mfg. Co., Cleveland, O. (Pressed Steel)  
 Hart & Cooley Mfg. Co., Chicago, Ill. "H. & C.," "Federal"  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Mattatuck Mfg. Co., Waterbury, Conn.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penn Hdw. Co., Reading, Pa.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Reading Hdw. Corp., Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Wilcox-Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

## PULLEYS, Ceiling and Hot House

Corbin, P. & F., New Britain, Conn.  
 Hart & Cooley Mfg. Co., Chicago, Ill.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penn Hdw. Co., Reading, Pa.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Reading Hdw. Corp., Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill.

## PULLEYS, Clothes Line

(See also Reels, Line, Clothes)  
 Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J. "Ideal"  
 Amsterdam Pulley Co., 421 E. Main, Amsterdam, N. Y.  
 Belloch (I.) & Sons, Inc., 155 Wooster, New York, N. Y.  
 Brooklyn Pulley Co., 85 5th Av., Bklyn., N. Y. "Easy-run"  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Colonial Bronze Co., Fairmont Av., Torrington, Conn.  
 Corbin, P. & F., New Britain, Conn.  
 General Hardware Mfg. Co., 16 Warren, New York, N. Y. "Speedy"  
 Hart & Cooley Mfg. Co., Chicago, Ill.  
 Hills, Edwin, Plainville, Conn.  
 Medart Co., St. Louis, Mo.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Knot Passing," "Pexto"  
 Penn Hdw. Co., Reading, Pa.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Reading Hdw. Corp., Reading, Pa.  
 Ritch & Pidge Mfg. Co., Fultonville, N. Y. "Easy Running," "Peerless," (Cast Aluminum; Cast Iron)  
 S. R. Mfg. Co., Schenectady, N. Y. "Superior"  
 Sargent & Co., New Haven, Conn.  
 Stanley Wks., New Britain, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Super Metal Mfg. Co., Inc., 3923 Hudson Blvd., North Bergen, N. J. "Super"  
 Susquehanna Casting Co., Wrightsville, Pa.

## PULLEYS, Curtain and Drapery

Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.

## PULLEYS, Hay Fork

American Fdry. & Mfg. Co., St. Louis, Mo.  
 Colebrookdale Iron Co., Boyertown, Pa.  
 Goshen Mfg. Co., Goshen, Ind.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Loudon Mch. Co., Fairfield, Ia.  
 Milwaukee Hay Tool Co., Layton Pk., Milwaukee, Wis.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Faultless," "O. K. Cast & Malleable Frame," "Sure Grip," "O. K."  
 Ney Mfg. Co., Canton, O.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Rochester Barn Equipment Co., Rochester, N. Y.  
 Starline, Inc., Harvard, Ill.  
 Swett (A. L.) Iron Wks., Medina, N. Y.  
 Waller Hdw. & Fdry Co., Horseheads, N. Y.  
 Whitaker Mfg. Co., Chicago, Ill.  
**PULLEYS, Hot House**—See Pulleys, Ceiling and Hot House



# THE BARRETT COMPANY

2800 So. Sacramento Ave.  
Chicago, Illinois

40 Rector Street, New York, N. Y.

Birmingham  
Alabama

The Barrett line of roofings, insulation and protective products is complete and backed by a name that the public recognizes as a hallmark of quality and dependability. Powerful sales promotion material, attractive sales-building literature and comprehensive advertising in The Saturday Evening Post help build business for you.

## BARRETT ASPHALT SHINGLES AND SIDINGS



Eighty-six years of experience "Between the world and the weather" has taught The Barrett Company how to build the maximum durability, fire-safety, beauty and weather protection into asphalt shingles and sidings. They are available in a variety of shapes, sizes, weights and colors to meet every home-owner need.

## BARRETT ASBESTOS SHINGLES AND SIDINGS

Barrett Asbestos Shingles and Sidings combine long life and good looks. They're backed by "the greatest name in roofing," and measure up in every way to Barrett's high standards of performance and quality. There are styles, colors and weights for every requirement . . . at prices that suit the home-owner's purse.

## BARRETT ROLL ROOFINGS



All Barrett's splendid facilities—felt mills, refineries, factories, laboratories and manufacturing skill—contribute to the eminence of Barrett Roll Roofings. They include smooth-surfaced and mineral-surfaced rolls, headed by the famous Barrett Everlastic brands which enjoy consumer acceptance second to none. The mineral-surfaced types come in a variety of attractive colors, weights and grades to meet every purse and every purpose.

## BARRETT SHEATHINGS

Barrett-made sheathings and building papers are produced with the same painstaking care that enters into the manufacture of all Barrett products. Uniformity of quality is assured and they are accepted as standard everywhere. Various grades and weights are available.

## BARRETT PLASTIC ELASTIGUM

This justly famous plastic cement—"the cement of a hundred uses"—helps make and keep roofs leak-proof. It is made of asphalt mixed with long-fibre asbestos, and is tough, elastic and adheres tenaciously to metal, stone, wood, glazed brick and tile surfaces. Recommended for repairing gutters, vents, skylights, chimneys, etc.

Send for illustrated booklet describing these and other Barrett Products.

## BARRETT LIQUID ELASTIGUM

A durable, liquid roof coating containing asbestos fibre which is easily applied with brush or squeegee. It forms a tough, lasting coating that withstands temperature changes, closes cracks and small holes, and adds years of life to old roofs when properly applied. Sun will not blister it; it resists atmospheric acid and alkali fumes.



## BARRETT EVERJET PAINT

A high-grade, waterproof protective paint for metals and wood. It has a pitch base and produces a glossy, black elastic coating. It is produced under strict manufacturing control, and is a dependable, economical and durable product. Every building owner and farmer will find scores of profitable uses for this dependable rust preventive paint. It will deliver outstanding service.



## BARRETT ETERNIUM PAINT

A pitch-base paint specially developed to resist the action of acetic acid, dilute hydrochloric, nitric and sulphuric acids, and alkaline solutions. It brushes easily, dries quickly, forming a surface that is waterproof, elastic and tightly adhering.

## BARRETT HYDRONON PAINT

A pitch-base paint made especially for damp-proofing masonry walls, above or below ground. It is penetrating, black in color, and highly resistant to alkaline solutions which leach out of masonry. Hydranon is easily applied by brush or spray.

## BARRETT CARBOSOTA

A pure coal-tar creosote oil, specially processed and refined, which has proved its reliability by long years of use. All timbers for frame buildings, fence posts, gates, boardwalks, bridges, etc., when treated with Barrett Carbosota resist rot and give additional years of service. Heavy impregnation with Carbosota provides effective protection against termites and other wood-destroying insects as well as fungus growth.



## BARRETT CREONOID

An old reliable spray for eliminating lice and mites. Used in the stable, cow barn, chicken coop or hog pen, it increases the comfort of farm animals and enables them to feed, work or produce better. Barrett Creonoid is a money-making product for farmers as well as dealers.

## BARRETT CATTLE SPRAY

A scientifically processed non-staining, non-tainting cattle spray that is 100% insecticide. Barrett Cattle Spray is light in color and has a clean, pleasant odor. It does not deteriorate with age, and costs less than many less effective sprays. It's a good seller wherever displayed.

*"Between the World and the Weather Since 1854"*

Mention Hardware Age When Writing

Digitized by Google

**PULLEYS, Sash**

Andersen Fdry. Co., Bayport, Minn.  
 Austin & Eddy, 117 Broad, Boston, Mass.  
 Champion Hdw. Co., Geneva, O.  
 Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
 Cleveland Lock Wks., Inc., Div. Consolidated Iron-Steel Mfg. Co., 1290 E. 53rd, Cleveland, O.  
 Corbin, P. & F., New Britain, Conn.  
 Garden City Plating & Mfg. Co., Chicago, Ill. "Gar-  
 cy"  
 Grand Rapids Hdw. Co., 554 11th, N. W. Grand Rapids, Mich. "Grand Rapids"  
 Grant Pulley & Hdw. Co., 33-36 57th, Wood-  
 side, L. I. "Gem," "Grant," "Lee," "Star"  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Kline Hdw. Co., Allentown, Pa.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 McDonough Mfg. Co., Eau Claire, Wis.  
 National Lock Co., Rockford, Ill.  
 Penn Hdw. Co., Reading, Pa. "Spartan," "Titian,"  
 "Vulcan"  
 Reading Hdw. Corp., Reading, Pa.  
 Riverside Foundry Co., Wrightsville, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sargent & Co., New Haven, Conn.  
 Seidel Mfg. Co., St. Louis, Mo.  
 Stanley Wks., New Britain, Conn. "Dillon"  
 Up-to-Date Mach. Wks., Chicago, Ill. "Maurey  
 Prest" (Pressed Steel)  
 Wrightsville Hdw. Co., Wrightsville, Pa. "Empire,"  
 "Improved," "Pacific"

**PULLEYS, Screw**

Corbin, P. & F., New Britain, Conn.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Sargent & Co., New Haven, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill.

**PULLEYS, Side**

Corbin, P. & F., New Britain, Conn.  
 Ney Mfg. Co., Canton, O.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Sargent & Co., New Haven, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Wilcox-Crittenden & Co., Inc., 77 S. Main, Middle-  
 town, Conn.

**PULLEYS, Step Cone**

Browning Mfg. Co., Inc., Maysville, Ky.  
 Central Die Casting & Mfg. Co., 2935 W. 47th,  
 Chicago, Ill.  
 Chicago Die Casting Mfg. Co., 2500 W. Monroe,  
 Chicago, Ill.  
 Congress Die Casting Div., Congress Tool & Die Co.,  
 3750 E. Outer Drive, Detroit, Mich.  
 Murey Mfg. Corp., 2907 S. Wabash Av., Chicago,  
 Ill.

**PULLEYS, Stop, Window Shade**

Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Stover Mfg. & Engine Co., Freeport, Ill.

**PULLEYS, "V" Belt**

Browning Mfg. Co., Inc., Maysville, Ky.  
 Central Die Casting & Mfg. Co., 2935 W. 47th,  
 Chicago, Ill.  
 Chicago Die Casting Mfg. Co., 2500 W. Monroe,  
 Chicago, Ill.  
 Congress Die Casting Div., Congress Tool & Die Co.,  
 3750 E. Outer Drive, Detroit, Mich.  
 Indestro Mfg. Corp., 2649 N. Kildare Av., Chicago,  
 Ill. "Indestro"  
 Murey Mfg. Corp., 2907 S. Wabash Av., Chicago,  
 Ill.

**PULLEYS, Venetian Blind**

Lignum-Vitae Products Corp., 116 Boyd Av., Jer-  
 sey City, N. J.  
 Lorentzen Hardware Mfg. Corp., 391 W. B'way,  
 New York, N. Y.  
 Venetian Blind Corp., 3447 E. 24th, Los Angeles,  
 Cal. "Air-Lite"

**PULLEYS, Window Shade—See Pulleys, Stop, Win-  
 dow Shade**

**PULLEYS, Wood**

Browning Mfg. Co., Inc., Maysville, Ky.  
 Lignum-Vitae Products Corp., 116 Boyd Av., Jer-  
 sey City, N. J.  
 Medart Co., Potomac & De Kalb, St. Louis, Mo.  
 Menasha Wood Split Pulley Co., 672 Tayco, Me-  
 nasha, Wis.

**PULLS, Door**

American Brass Goods Co., Grand Rapids, Mich.  
 American Cabinet Hardware Corp., Rockford, Ill.  
 "Amerock"  
 Barrows Lock Wks. of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Brainerd Mfg. Co., E. Rochester, N. Y.  
 Brey-Krause Mfg. Co., Allentown, Pa.  
 Champion Hdw. Co., Geneva, O.  
 Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
 City Plating & Mfg. Co., St. Louis, Mo.

Climax (J. H. W.) Co., 87 Clay, Newark N. J.  
 "J. H. W."  
 Clinton Lock Co., Clinton, Ia.  
 Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
 Columbus Brass Co., Columbus, O.  
 Cooke-Roberts Corp., Orange, Mass.  
 Corbin, P. & F., New Britain, Conn.  
 Dent Hdw. Co., Fullerton, Pa.  
 Detroit Hdw. Mfg. Co., Detroit, Mich.  
 Fernald Hdw. Co., North East, Pa.  
 Frantz Mfg. Co., Sterling, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Glynan-Johnson Corp., 1821 Berteau Av., Chicago,  
 Ill. "G-J"  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
 Harvard Lock Co. of New York, Inc., 114 Worth,  
 New York, N. Y.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn.,  
 N. Y.  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 Ives (H. B.) Co., New Haven, Conn.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Kason Hdw. Corp., 127 Wallabout, Bklyn., N. Y.  
 Keil (Francis) & Son, Inc., 401 E. 163rd, New York,  
 N. Y.  
 Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Midwest Hdw. Co., Chicago, Ill.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Mfg. Co., Sterling, Ill.  
 Newport Products Co., Newport, Mich.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New  
 York, N. Y.  
 Parker Wire Goods Co., Worcester, Mass.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Peerless Bronze & Aluminum Co., 723 Gratiot Av.,  
 Detroit, Mich. "Peerless"  
 Penn Hdw. Co., Reading, Pa.  
 Peters (Jas.) & Son, Phila., Pa.  
 Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwau-  
 kee, Wis.  
 Phoenix Lock Wks., 3rd Av., Newark, N. J.  
 Reading Hdw. Corp., Reading, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sager Lock Wks. of Yale & Towne Mfg. Co., N.  
 Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sargent & Greenleaf, Inc., Rochester, N. Y.  
 Sharon Hdw. Mfg. Co., Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Slaymaker Wks., New Britain, Conn.  
 Stevenson Mfg. Co., South Bend, Ind.  
 Stiles (H. A.) & Co., Boston, Mass.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Swett (A. L.) Iron Works, Medina, N. Y.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Washburn Company, Worcester, Mass.  
 Western Products, Inc., New Castle, Ind.  
 Willis (E. J.) Co., 91 Chambers, New York, N. Y.  
 "Wilco"  
 Winsted Hdw. Mfg. Co., Winsted, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**PULLS, Door, Screen**

American Brass Goods Co., Grand Rapids, Mich.  
 American Cabinet Hardware Corp., Rockford, Ill.  
 "Amerock"  
 Barrows Lock Wks. of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Bommer Spring Hinge Co., 263 Clason Av., B'klyn.,  
 N. Y.  
 Brooks (M. S.) & Sons, Chester, Conn.  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid  
 Av., Cleveland, O. "Little Giant"  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Frantz Mfg. Co., Sterling, Ill.  
 Griffin Mfg. Co., Erie, Pa.  
 Ives (H. B.) Co., New Haven, Conn.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Mfg. Co., Sterling, Ill.  
 Parker Wire Goods Co., Worcester, Mass.  
 Penn Hdw. Co., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sager Lock Wks. of Yale & Towne Mfg. Co., No.  
 Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Slaymaker Wks., New Britain, Conn.  
 Stevenson Mfg. Co., South Bend, Ind.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**PULLS, Drawer**

Alto Mfg., 1647 Wolfram, Chicago, Ill.  
 American Brass Goods Co., Grand Rapids, Mich.  
 American Cabinet Hardware Corp., Rockford, Ill.  
 "Amerock"  
 American Specialty Co., Bridgeport, Conn.  
 Barrows Lock Works of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Bassick Co., Bridgeport, Conn.  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Brooks (M. S.) & Sons, Chester, Conn.

Budd (Edward G.) Mfg. Co., 25th & Hunting Park  
 Av., Phila., Pa.  
 Champion Hdw. Co., Geneva, O.  
 Chantrell Hdw. & Tool Co., Fitchburg, Mass.  
 Clinton Lock Co., Clinton, Ia.  
 Clydon Co., 53-24 Northern Blvd., Woodside, Long  
 Island, N. Y.  
 Collins (Geo. F.) & Co., Sapulpa, Okla. "Hartford  
 Glasspull"  
 Colonial Bronze Co., Fairmont Av., Torrington,  
 Conn.  
 Cooke-Roberts Corp., Orange, Mass.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Corbin, P. & F., New Britain, Conn.  
 Dent Hdw. Co., Fullerton, Pa.  
 Earle Hardware Mfg. Co., Reading, Pa.  
 Eaton-Pond Co., Inc., Collinsville, Conn.  
 Ellis Mfg. Co., Milldale, Conn.  
 Faultless Caster Corp., Evansville, Ind.  
 Frantz Mfg. Co., Sterling, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Grand Rapids Brass Co., Grand Rapids, Mich.  
 Greene (G. G.) Mfg. Co., Warren, Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Ives (H. B.) Co., New Haven, Conn.  
 Jencks (E.) Mfg. Co., Worcester, Mass.  
 Kason Hdw. Corp., 127 Wallabout, Bklyn., N. Y.  
 Keeler Brass Co., Grand Rapids, Mich.  
 Keil (Francis) & Son, Inc., 401 E. 163d, New York,  
 N. Y.  
 Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Mode Mfg. Co., Pasadena, Cal.  
 Murrin Co., 719 S. Spadra Drive, Fullerton, Cal.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 National Lock Co., Rockford, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Norwalk Lock Co., 261 B'way, New York, N. Y.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New  
 York, N. Y.  
 Parker Metal Goods Co., Worcester, Mass.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Penn Hdw. Co., Reading, Pa.  
 Phoenix Lock Wks., 3d Av., Newark, N. J.  
 Reading Hdw. Corp., Reading, Pa.  
 Roth, John, 801 Madison Av., New York, N. Y.  
 (Glass & Metal)  
 Rowe (Henry) Mfg. Co., Newaygo, Mich.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sack, Inc., 95 B'way, Cambridge, Mass.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sager Lock Works of Yale & Towne Mfg. Co., N.  
 Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hdw. Mfg. Co., Sharon, Pa.  
 Shelby Metal Products Co., Shelby, O. "Standard"  
 Shelby Spring Hinge Co., Shelby, O.  
 Slaymaker Lock Co., Lancaster, Pa.  
 Standard Mfg. Co., Shelby, O.  
 Stanley Wks., New Britain, Conn.  
 Stevenson Mfg. Co., South Bend, Ind.  
 Syracuse Ornamental Co., Syracuse, N. Y. "Syraco"  
 Technical Glass Co., Inc., 2050 E. 48th, Los Angeles,  
 Cal. "Tegco" (Glass)  
 United States Lock & Hdw. Co., Columbia, Pa.  
 Waddell Mfg. Co., Grand Rapids, Mich.  
 Washburn Company, Worcester, Mass.  
 Weber-Knapp Co., Jamestown, N. Y.  
 Winsted Hardware Mfg. Co., Winsted, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**PULLS, Drawer, Plastic**

Bassick Co., Bridgeport, Conn.  
 Imperial Molded Products Corp., 2925 W. Harrison,  
 Chicago, Ill.  
 Modern Plastic Co., 4641 Pacific Blvd., Los Angeles,  
 Cal.  
 National Lock Co., Rockford, Ill.  
 Pacific Plastic & Mfg. Co., Inc., 5446 Carlton Way,  
 Hollywood Cal. "Hollymade"  
 Prime Plastic Mfg. Corp., 401 Bedford Av., Bklyn.,  
 N. Y.  
 Value Specialty Mfg. Co., 10 Van Buren, Bklyn.,  
 N. Y.

**PULLS, Window**

American Cabinet Hardware Corp., Rockford, Ill.  
 "Amerock"  
 American Metal Products Co., Detroit, Mich. "Met  
 All"  
 Barrows Lock Wks. of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Champion Hardware Co., Geneva, O.  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid  
 Av., Cleveland, O.  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 Ives (H. B.) Co., New Haven, Conn.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 Monarch Mfg. Co., 2511 Hart Av., Detroit, Mich.  
 Sager Lock Wks. of Yale & Towne Mfg. Co., N.  
 Chicago, Ill.  
 Stanley Works, New Britain, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**PULLS, Window Shade**

Brooks (M. S.) & Sons, Chester, Conn.  
**PULL TOYS—See Push and Pull Toys**

# Everybody Votes For "KLEEN SWEEPS"



#41 Kleen Sweep Lawn Rake.

The public, by its insistence, has made the KLEEN SWEEP LAWN RAKE one of the BEST SELLERS on the market.

**BUY THEM FROM YOUR JOBBER**

For sample and complete particulars  
write to

**RUGG MFG. COMPANY**  
GREENFIELD, MASS.

Also manufacturers of  
a complete line of Hay and Lawn Rakes, Snow Shovels, Snow  
Pushers, Snow Scoops, Porch Gates, Shingling Brackets and Ski  
Karriers.

# Sell EAGLE the Better RULES

The Strike-Plate Joint for folding rules—the exclusive feature designed, developed and patented by EAGLE—guarantees maximum accuracy and strength. EAGLE superior fulfillment of these two basic requirements of a folding rule has created an ever increasing country-wide demand for EAGLE Rules. Take advantage of it! Have you our Catalog?



**EAGLE RULE MFG. CORP.**

514 Hunts Point Avenue • • New York, N.Y.

# STEELGRIP

# WIREGRIP

**ARMSTRONG-BRAY**

—one dependable source  
for all belt lacing needs

**STEELGRIP** — FLEXIBLE Belt Lacing made of steel selected for toughness and greater tensile strength, yet hard enough for points to go thru toughest belt-lings. Clinches belt smoothly, compresses ends, prevents fraying. 2-piece hinged rocker pins take up wear, provide smooth, humpless joint.

**WIREGRIP** — the flexible Belt Hooks on time-saving blue aligning cards that prevent waste—every hook can be used. Protects fingers. Applied with a WIREGRIP or any other standard Belt Lacing Machine. All sizes—1 doz. cards per box. Standard or assorted cartons.

**WIREGRIP Vise Type Belt Lacer** (6 inch capacity) operates in any vise, and can be operated anywhere. Ideal for farms, outside work.

Handy Packages contain two 6 inch sets of lacing, complete with pins. Fast counter seller—no need to break standard boxes for one or two item buyers.

**ARMSTRONG-BRAY & CO.**

"The Belt Lacing People"

304 N. LOOMIS ST.  
CHICAGO, U.S.A.

**CHAINGRIP**  
WHEEL PULLERS



**CHAINGRIP Wheel Puller**—pulls everything—gears, pulleys, wheels, etc.—regardless of distance from end of shaft. Operates close up or at extreme distance—a truly universal wheel puller. Two sizes—3 tons or 12 ton capacities.



THERE'S *Money* IN

# CORDLEY

*Ice and Electric*

## WATER COOLERS

• Install one in your own show room. See how it sells itself, as your customers enjoy a cold, refreshing drink. Every store, restaurant, business, manufacturing plant and office is a good prospect. Attractive prices and discounts, plus trouble-free performance let you **MAKE** profits and **KEEP** them.

Electric and Ice Cooled Bottle and Bubbler Models



**CORDLEY and HAYES**  
444 FOURTH AVE., NEW YORK  
Water Cooler Specialists for Over 50 Years

Over a million Cordley Water Coolers have been sold. The roll call of users includes such leading concerns as Remington Rand, American Optical Co., Reed & Barton, Standard Oil, Western Electric, Pennsylvania Railroad, National Biscuit, New York Stock Exchange and many others.

Mention Hardware Age When Writing



## PULPERS, Coffee

Bell (C. S.) Co., Hillsboro, O. "Bell"  
PULP WOOD SAWS—See Saws, Pulp Wood

## PULVERIZERS, Stone

Hocking Valley Mfg. Co., Lancaster, O.  
Stover Mfg. & Engine Co., Freeport, Ill.  
Universal Crusher Co., Cedar Rapids, Ia.  
PUMP BUCKETS—See Buckets, Pump  
PUMP CHAIN—See Chain, Pump  
PUMP JACKS—See Jacks, Pump  
PUMP LEATHERS—See Leathers, Pump  
PUMP OILING CANS—See Oilers, Pump or Pressure  
PUMP ROD COUPLINGS—See Couplings, Pump Rod  
PUMP STANDS—See Stands, Pump  
PUMP VALVES—See Valves, Pump

## PUMPS, Air

Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis. "Sprayit"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Uniflow Mfg. Co., Erie, Pa. "Uniflow"

## PUMPS, Barrel

Acme Mfg. Co., Traverse City, Mich. "Acme"  
Blackmer Pump Co., Grand Rapids, Mich. "Big Brother"  
Brown (E. C.) Co., Rochester, N. Y.  
Cleveland Brass Mfg. Co., 4606 Hamilton Av., Cleveland, O. "Barrett Cardinal"  
Clinton Mfg. Co., Sabina, O. "Dandy"  
Coil Mfg. Co., Evansville, Ind. (Dispenser)  
Deming Co., Salem, O.  
Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
Gold Star Products, Inc., Detroit, Mich.  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Hydraulic Press Mfg. Co., Mt. Gilead, O. "Mount Gilead"  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa. (Beer)  
Lowell Specialty Co., Lowell, Mich.  
Lunkensheimer Co., Beekman, Cincinnati, O. "Marvel"  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Cog Gear," "Improved," "O. K."  
Oakes Mfg. Co., Inc., Tipton, Ind.  
Omaha Folding Mach. Co., Omaha, Neb. "Savages"  
Par-X Pump Corp., 400 Stinson Blvd., Minneapolis, Minn. "Par-X"  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Rose (Frank) Mfg. Co., Hastings, Neb.  
Sexton Can Co., Everett, Mass.  
Smith (D. B.) & Co., Utica, N. Y. "Best," "Lux"  
Summer (John) Faucet Co., 32 Morris Av., Newark, N. J.  
Tokheim Co., Cedar Rapids, Ia. "Vac"  
Universal Metal Products Co., Lowell, Mich. "Universal"

PUMPS, Basket Ball—See Pumps, Foot Ball, Etc.  
PUMPS, Bicycle—See Pumps, Tire Hand

## PUMPS, Bilge

Deming Co., Salem, O.  
Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
Marine Specialty Mfg. Co., Dept. HA., 3107 Detroit Av., Cleveland, O.  
Micro-Westco, Inc., Bettendorf, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Roots-Connersville Blower Corp., Connersville, Ind.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"  
Worthington Pump & Mchry. Corp., 2 Park Av., New York, N. Y.

## PUMPS, Boiler Feed

Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
Micro-Westco, Inc., Bettendorf, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. (Self Oiling)  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Roots-Connersville Blower Corp., Connersville, Ind.

## PUMPS, Bucket

Acme Line Mfg. Co., Traverse City, Mich. "Acme"  
Blackmer Pump Co., Grand Rapids, Mich.  
Brown (E. C.) Co., Rochester, N. Y.  
Chapin (R. E.) Mfg. Wks., Inc., Batavia, N. Y.  
Cincinnati Pump Mfg. Co., Cincinnati, O. "Boss"  
Deming Co., Salem, O.  
Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa. "Aqua-peller," "Aqua-pul," "Forester"  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Lowell Specialty Co., Lowell, Mich.

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Defiance," "Imperial," "Little Giant," "Peerless"

Oakes Mfg. Co., Inc., Tipton, Ind.  
Red Jacket Mfg. Co., Davenport, Ia.  
Schriber (O. P.) Co., Cincinnati, O. "E-Z"  
Star Bucket Pump Co., St. Louis, Mo. "Empire," "Simpler"  
Universal Metal Products Co., Lowell, Mich. "Universal"  
Weaver Mfg. Co., Springfield, Ill.

## PUMPS, Centrifugal

Aldrich Pump Co., Allentown, Pa.  
American Steam Pump Co., Battle Creek, Mich. "American Marsh"  
American Well Wks., Aurora, Ill.  
Atlas Brass Fdry. Co., Columbus, O.  
Aurora Pump Co., 106 Loucks, Aurora, Ill. "Apco"  
Barnes Mfg. Co., Quincy, Ill.  
Dayton-Dowd Co., Quincy, Ill.  
Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
Everite Pump & Mfg. Co., Inc., Lancaster, Pa. "Everite"  
Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis. "Evinrude"  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
Gardner-Denver Co., 102 Williamson, Quincy, Ill. "Gardner-Denver"  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Humphreys Mfg. Co., Mansfield, O.  
Lobbe Pump & Machinery Co., Inc., 129 Dearborn, Buffalo, N. Y. "Lobbe"  
Micro-Westco, Inc., Bettendorf, Ia.  
Midco Mfg. & Distributing Co., Inc., South 13th & Kentucky Av., Sheboygan, Wis. "Midco"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Nelson Bros. Co., Saginaw, Mich. "Jumbo"  
Novo Engine Co., Lansing, Mich.  
Red Jacket Mfg. Co., Davenport, Ia.  
Rumsey Pump Corp., Seneca Falls, N. Y.  
Specialty Brass Co., Kenosha, Wis. "Nofome" (Milk)  
Worthington Pump & Mchry. Corp., 2 Park Av., New York, N. Y.

## PUMPS, Chain

Cincinnati Pump Mfg. Co., Cincinnati, O. "Anti Freezer"  
Ferguson Mfg. Co., Dubuque, Ia.  
Schriber (O. P.) Co., Cincinnati, O. "Gem," "I. X. L."  
Star Bucket Pump Co., St. Louis, Mo. "Acme," "Daisy," "Jewel," "Rex"  
Worthington Pump & Mchry. Corp., 2 Park Av., New York, N. Y.

## PUMPS, Cistern and Sink

Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nu-Way"  
Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Micro-Westco, Inc., Bettendorf, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Cog Gear," (Brass Cylinder)  
Red Jacket Mfg. Co., Davenport, Ia.  
Roots-Connersville Blower Corp., Connersville, Ind.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Rumsey Pump Corp., Seneca Falls, N. Y.

## PUMPS, Compression Air Spray

Armstrong Products Corp., Huntington, W. Va.  
Deming Co., Salem, O.  
Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis. "Sprayit"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.

## PUMPS, Deep Well

Aurora Pump Co., 106 Loucks, Aurora, Ill. "Apco"  
Cook (A. D.) Inc., 12 Brown, Lawrenceburg, Ind.  
Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Dorr Pump & Mfg. Co., 638 Gaslight Co. Bldg., Milwaukee, Wis. "Dorr"  
Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
Duro Co., Inc., 537 E. Monument Av., Dayton, O.  
Electric Fence Co., 177 Knilians Bldg., Whitewater, Wis. "Electricite"  
Everite Pump & Mfg. Co., Inc., Lancaster, Pa. "Everite"  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind. "Paul"  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Jacuzzi Bros., Inc., 1450 San Pablo Av., Berkeley, Cal. "Jacuzzi"  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Micro-Westco, Inc., Bettendorf, Ia.  
Monarch Engineering Co., Dayton, O.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Nelson Bros. Co., Saginaw, Mich. "Nelson"  
Pomona Pump Co., 206 E. Commercial, Pomona, Cal.  
Red Jacket Mfg. Co., Davenport, Ia.

Roots-Connersville Blower Corp., Connersville, Ind.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Rumsey Pump Corp., Seneca Falls, N. Y.  
Sheller-Calkins Co., Clio, Mich. "SS"  
Uniflow Mfg. Co., Erie, Pa. "Uniflow"

## PUMPS, Diaphragm

(See also Pumps, Pitcher Spout)  
Barnes Mfg. Co., Mansfield, O. "Anti-Splash"  
Deming Co., Salem, O.  
Diamond Rubber Co., Inc., Akron, O.  
Domestic Engine & Pump Co., Shippensburg, Pa.  
Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa. "Acme," "Ajax"  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Hinman (D. A.) & Co., Sandwich, Ill. "Sandwich"  
Humphreys Mfg. Co., Mansfield, O.  
Nelson Bros. Co., Saginaw, Mich. "Jumbo"  
Novo Engine Co., Lansing, Mich.  
Quaker City Rubber Co., Phila., Pa. (Rubber)  
Red Jacket Mfg. Co., Davenport, Ia.  
Rumsey Pump Corp., Seneca Falls, N. Y.  
Stewart Mfg. Co., Waterloo, Ia.  
United Engine Co., Lansing, Mich.  
Waterloo Construction Mchry. Co., Waterloo, Ia. "Wonder"

## PUMPS, Drainage

Deming Co., Salem, O.  
Micro-Westco, Inc., Bettendorf, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Oberdorfer (M. L.) Brass Co., Syracuse, N. Y.  
Roots-Connersville Blower Corp., Connersville, Ind.

## PUMPS, Football, Etc.

Bridgeport Brass Co., Bridgeport, Conn.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Noera Mfg. Co., Waterbury, Conn.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.

## PUMPS, Fire

Smith (D. B.) & Co., Utica, N. Y. "Indian"

## PUMPS, Force

American Steam Pump Co., Battle Creek, Mich. "American-Marsh"  
Brown (E. C.) Co., Rochester, N. Y.  
Deming Co., Salem, O.  
Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa. "Manhattan," "Palmetto"  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
Flint & Walling Mfg. Co., Kendallville, Ind. "Hoosier"  
Humphreys Mfg. Co., Mansfield, O.  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Mast, Foss & Co., Springfield, O. "Buckeye"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Ashland," "Cog Gear," "Defiance," "Economy," "Myers," "Simpler"  
Red Cross Mfg. Co., Bluffton, Ind.  
Red Jacket Mfg. Co., Davenport, Ia.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper,"  
Scott Pump Co., Rochester, N. Y.  
Worthington Pump & Mchry. Corp., 2 Park Av., New York, N. Y.

## PUMPS, Fuel, Automatic

Automatic Products Co., 2442 N. 32nd, Milwaukee, Wis. "Oilifier" (For Oil Burning Heaters)

## PUMPS, Gasoline, Self-Measuring

Bowser (S. F.) & Co., Ft. Wayne, Ind.  
Columbian Steel Tank Co., Kansas City, Mo.  
Dayton Pump & Mfg. Co., Dayton, O. "Rapdayton"  
Gilbert & Barker Mfg. Co., Springfield, Mass.  
Hayes Equipment Mfg. Co., Wichita, Kan.  
Omaha Folding Machine Co., Omaha, Neb. "Savages"  
Sexton Can Co., Everett, Mass.  
Wayne Pump Co., Ft. Wayne, Ind.  
PUMPS, Grease—See Pumps, Oil and Grease

## PUMPS, Hand and Wind Mill

Aermotor Co., Chicago, Ill.  
Barnes Mfg. Co., Mansfield, O.  
Beckman Bros., Des Moines, Ia. "B. B."  
Butler Co., Butler, Ind.  
Challenge Co., Batavia, Ill.  
Davey (W. L.) Pump Corp., Rockford, Ill.  
Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Domestic Engine & Pump Co., Shippensburg, Pa. "Economic," "Etter," "Golden Gate," "Occidental"  
Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
Flint & Walling Mfg. Co., Kendallville, Ind. "Fast Mail," "Hoosier"  
Goulds Pumps, Inc., Seneca Falls, N. Y. "Alert," "Challenge," "Columbia," "Empire," "Pyramid," "Universe"

# ... EACH SALE ... WITH THESE QUALITY



*Ask Your Jobber about them or  
inquire direct to any of our offices*

## INSECT SCREEN CLOTH

All Gold Strand Screen Cloth is carefully woven of full gauged wire to the specifications of the United States Bureau of Standards, and is properly cartoned for shipping. The Gold Strand Measuring Tape showing feet and inches and fastened along the selvage of the cloth tells what is left in every cut roll, a great aid when taking inventory. Gold Strand Cloth is produced in all standard grades and widths.

*Manufactured and distributed by American Wire Fabrics Corporation, subsidiary of Wickwire Spencer Steel Company.*

## HARDWARE CLOTH

All rolls of Clinton Hardware Cloth are uniformly neat and smooth in appearance. Each roll contains a full standard 100 feet of strong, evenly woven, durable zinc-coated cloth. Widths 12" to 72", inclusive. Made Galvanized After Weaving.

## NAILS and BRADS

Because they are clean, with sharp points and heads well centered, the man who uses nails naturally picks this brand. The line is complete; wire nails, brads, staples and double pointed tacks attractively packaged for counter display and convenient warehousing.

## DOOR SPRINGS

Perfection Door Springs are made of Wissco Wire, selected for its rust-resisting qualities and long life. The attractive Japanned finish and good boxing make them look their quality. Packed a dozen in a box, clearly labeled with hooks for installation in each box.

## GALVANIZED CLOTHES LINE

Long wear, extreme flexibility and strength are features of WISSCO CLOTHES LINES. They are furnished in five grades; Solid, 4 strand, 6 strand, Hollow Cable and our patented Reinforced Hollow Cable. The bright galvanizing increases both their lasting qualities and their appearance.

## BRIGHT WIRE GOODS

Screw eyes and hooks, cornice hooks, square bend screw hooks, brass screw and cup hooks, gate hooks and eyes, all made from wire specially manufactured for the purpose. Uniformly threaded and carefully inspected for accurate count and weight.

*Mention Hardware Age When Writing*

Digitized by Google

# **SATISFIED CUSTOMER**

## **PRODUCTS . .**

### **WIRE PICTURE CORD**

The Wissco Trade Mark is an absolute guarantee of full length and full number of strands. The braiding is always smooth. Both finishes, tinned or gilt, are packed in boxes, or spooled in standard or special lengths.

### **HEX MESH NETTING**

Clinton Hexagonal Mesh Netting—frequently referred to as Poultry Netting is woven of cold drawn Wissco wire made from special steel stock, thus giving great tensile strength. Made Galvanized After and Galvanized Before weaving in all standard mesh and wire gauges, widths 12" to 72" inclusive.

### **STRAIGHT LINE POULTRY NETTING**

This Clinton Netting is of the parallel wire construction that permits easy stretching between posts. It does not sag. Produced in both Galvanized Before and Galvanized After grades, all standard mesh and wire gauges, widths 12" to 72", inclusive, and standard length rolls of 150 linear feet each.

### **CHAIN LINK FENCE**

This type of fence provides ideal protection for all kinds of properties—such as, homes, factories, water-works, playgrounds, hospitals. Wickwire Spencer Chain Link Fence is strong and long lived, because both the framework and netting are made of extra heavy sections of copper bearing steel, hot-dipped galvanized. Furnished to the hardware trade as netting only, as a complete fence, or delivered and erected. Three to ten feet in height, in all meshes and wire gauges.

### **SINGLE and DOUBLE GATES**

These are real gates, so sturdy yet attractive with their bright galvanizing they have real sales appeal. The rigid construction with electrically welded corners make the frame ONE PIECE. Hinges for pipe and wooden posts.

## **AMERICAN WIRE FABRICS CORPORATION**

*Subsidiary of*

# **WICKWIRE SPENCER STEEL COMPANY**

General Offices: 500 Fifth Avenue, New York City; Branches and Warehouses: Worcester, New York, Buffalo, Chicago, San Francisco, Los Angeles, Portland; Export Sales Department: New York

Mention Hardware Age When Writing





# AMERICAN SWISS

PATTERN FILES

AND

MECHANICS HAND TOOLS AND KNURLS

## PUNCHES

A COMPLETE LINE

Pin, Center, Prick, Solid Metal and Arch Punches

ARCH PUNCHES



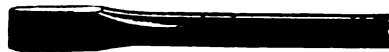
STAR DRILLS



Look for this mark



CHISELS



A Complete Line Including  
Brick, Tile, Cold, Cape, Diamond Point,  
Round Nose, Floor, Ripping, Plumbers and  
Plugging Chisels.



KNURLS

We carry a complete line of both hand and machine knurls. Special knurls made to order promptly.

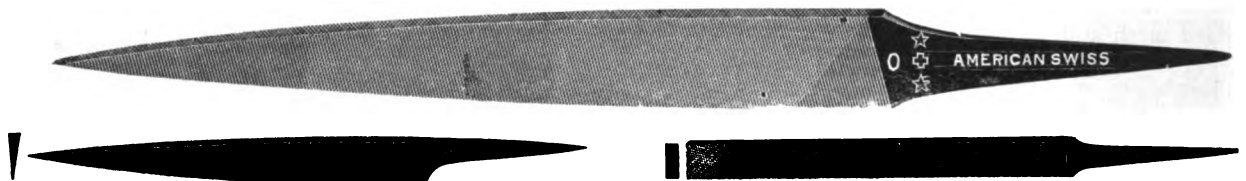
Adjustable Knurl Holder



STONE DRILLS



American Swiss Pattern Files made in the U. S. A.



American Swiss File & Tool Co., • Elizabeth, N. J.

*Good merchandisers know*  
**NO SUBSTITUTION FOR VALUE**

**Atlas** offers the progressive  
hardware man **VALUE plus PROFITS**

Mechanization . . . industrial speed-ups . . . emphasis on vocational education for the big job of the nation—they mean but one thing to hardware merchants who sell Atlas Equipment—a greater market for these machine tools than ever before!

There can be no delay in this national program. The time to prepare to serve the factories, schools, garages, and home workshops in your community is right now. Send for the current Atlas Catalog today.

**THERE IS**

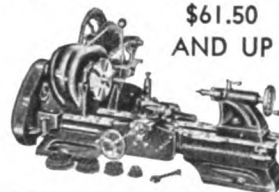
DRILL PRESSES

\$17.25  
TO  
\$44.75



METAL LATHES

\$61.50  
AND UP

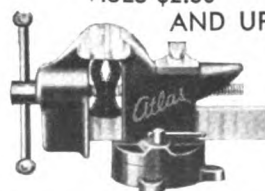


METAL SHAPERS

\$198.00  
AND UP



VICES \$2.50  
AND UP



MOTORS & GRINDERS



\$7.95 AND UP

**ATLAS PRESS CO., 741 No. Pltcher St., Kalamazoo, Michigan**  
Mention Hardware Age When Writing

# **PUMPS, Hand and Windmill (Continued)**

Heller-Aller Co., Napoleon, O.  
Hudson (H. D.) Mfg. Co., Chicago, Ill. "Oshkoosh"  
Humphries Mfg. Co., Mansfield, O.  
Mast, Foss & Co., Springfield, O. "Buckeye"  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Advance," "Ashland," "Branch Pipe," "Cog  
Gear," "Defiance," "Hercules," "Victor," "Wind  
mill Regulator"  
Red Cross Mfg. Co., Bluffton, Ind.  
Red Jacket Mfg. Co., Davenport, Ia. "So-Easy-to-  
Fix"  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
"Trahern"  
Rumsey Pump Corp., Seneca Falls, N. Y.  
U. S. Wind Engine & Pump Co., Batavia, Ill. "Cur-  
tis," "Royal Blue"  
Woodmanse Mfg. Co., Freeport, Ill.

# **PUMPS, House, Electric**

American Well Works, Aurora, Ill.  
Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Dorr Pump & Mfg. Co., 638 Gaslight Bldg., Mil-  
waukee, Wis. "Dorr"  
Electric Fence Co., 177 Knilians Bldg., Whitewater,  
Wis. "Electric"  
Everite Pump & Mfg. Co., Inc., Lancaster, Pa.  
"Everite"  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chi-  
cago, Ill. "F-M"  
Flint & Walling Mfg. Co., Kendallville, Ind. "Hoos-  
ier"  
Fort Wayne Engineering & Mfg. Co., Fort Wayne,  
Ind. "Paul"  
Gould Pumps, Inc., Seneca Falls, N. Y.  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Micro-Westco, Inc., Bettendorf, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Self-Oiling"  
Pomona Pump Co., 206 E. Commercial, Pomona,  
Cal. "Little Chief"  
Red Jacket Mfg. Co., Davenport, Ia.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Rumsey Pump Corp., Seneca Falls, N. Y.  
Shetler-Calkins Co., Clio, Mich. "SS"  
Uniflow Mfg. Co., Erie, Pa. "Uniflow"  
Worthington Pump & Mchry. Corp., 2 Park Av.,  
New York, N. Y.

# **PUMPS, House, Force**

Deming Co., Salem, O.  
Hartley (C. J.) Co., Peoria, Ill.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago,  
Ill.  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Cog Gear"  
Red Cross Mfg. Co., Bluffton, Ind.  
Red Jacket Mfg. Co., Davenport, Ia.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Worthington Pump & Mchry. Corp., 2 Park Av.,  
New York, N. Y.

# **PUMPS, Irrigating**

Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chi-  
cago, Ill. "F-M"  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Micro-Westco, Inc., Bettendorf, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Roots-Connersville Blower Corp., Connersville, Ind.

# **PUMPS, Meat Curing**

Bump Pump Co., West Av., & Travis, La Crosse,  
Wis.  
Morton Salt Co., 310 S. Michigan Av., Chicago, Ill.  
"Morton's"  
Salem Tool Co., Salem, O.

# **PUMPS, Molasses**

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila.,  
Pa. "Enterprise"

# **PUMPS, Oil and Grease**

Blackmer Pump Co., Grand Rapids, Mich. "Big Boy"  
Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Micro-Westco, Inc., Bettendorf, Ia.  
National Enameling & Stamping Co., 270 N. 12th,  
Milwaukee, Wis. "Nesco"  
Par-X Pump Corp., 400 Stinson Blvd., Minneapolis,  
Minn. "Par-X"  
Roots-Connersville Blower Corp., Connersville, Ind.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Straton & Terstegge Co., Inc., Mfg. Div., Louis-  
ville, Ky. "Falls City"  
Tokheim Co., Cedar Rapids, Ia. "Vac"  
Wayne Pump Co., Ft. Wayne, Ind.  
Worthington Pump & Mchry. Corp., 2 Park Av.,  
New York, N. Y.

# **PUMPS, Pitcher Spout**

(See also Pumps, Diaphragm)

Barnes Mfg. Co., Mansfield, O.  
Davey (W. L.) Pump Corp., Rockford, Ill.  
Deming Co., Salem, O.  
Dempster Mill Mfg. Co., Beatrice, Neb.

Douglas (W. & B.) Pump Co., 6245 State Rd.,  
Phila., Pa.  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago,  
Ill.  
Humphries Mfg. Co., Mansfield, O.  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Cog Gear"  
Nelson Bros. Co., Saginaw, Mich. "Jumbo"  
Red Cross Mfg. Co., Bluffton, O.  
Red Jacket Mfg. Co., Davenport, Ia.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper,"  
"Trahern"  
Rumsey Pump Corp., Seneca Falls, N. Y.

# **PUMPS, Plunger**

Barnes Mfg. Co., Mansfield, O.  
Deming Co., Salem, O.  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
"Wurkeze"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Red Jacket Mfg. Co., Davenport, Ia.

# **PUMPS, Portable, Hand**

Barnes Mfg. Co., Mansfield, O. "Hydroject"  
Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Douglas (W. & B.) Pump Co., 6245 State Rd.,  
Phila., Pa.  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Humphries Mfg. Co., Mansfield, O.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Red Cross Mfg. Co., Bluffton, O.  
Red Jacket Mfg. Co., Davenport, Ia. "So-Easy-to-  
Fix"  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Rumsey Pump Corp., Seneca Falls, N. Y.  
Worthington Pump & Mchry. Corp., 2 Park Av.,  
New York, N. Y.

# **PUMPS, Power**

American Well Wks., Aurora, Ill.  
Barnes Mfg. Co., Mansfield, O. "Hercules," "Pro-  
mier," "Quadruplex," "Triplex"  
Blackmer Pump Co., Grand Rapids, Mich.  
Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Douglas (W. & B.) Pump Co., 6245 State Rd.,  
Phila., Pa. "Miracle," "Perfecto," "Pneutank"  
Evinrude Motors, Div. of Outboard Marine & Mfr.  
Co., 4464 N. 27th, Milwaukee, Wis. "Evinrude"  
"Waterboy"  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chi-  
cago, Ill. "F-M"  
Flint & Walling Mfg. Co., Kendallville, Ind. "Hoos-  
ier"  
Gardner-Denver Co., 102 Williamson, Quincy, Ill.  
"Gardner-Denver"  
Goulds Pumps, Inc., Seneca Falls, N. Y. "Chal-  
lenge," "Pyramid"  
Heller-Aller Co., Napoleon, O.  
Hender's (A. L.) Sons, E. Wilmington, Del.  
(Hydraulic)  
Hinman (D. A.) & Co., Sandwich, Ill. "Sandwich"  
Humphries Mfg. Co., Mansfield, O.  
Labaw, L. R. H., Belle Meade, N. J.  
Luther Mfg. Co., Inc., Olean, N. Y. "Eclipse"  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Mast, Foss & Co., Springfield, O. "Buckeye"  
Micro-Westco, Inc., Bettendorf, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Ashland," "Bulldozer," "Defiance," "Direct  
Line," "Faultless," "Hercules," "Myers," "New  
Century," "Self-Lubricating," "Self-Oiling"  
Novo Engine Co., Lansing, Mich.  
Peters Pump Co., Kewanee, Ill.  
Red Cross Mfg. Co., Bluffton, Ind.  
Red Jacket Mfg. Co., Davenport, Ia.  
Roots-Connersville Blower Corp., Connersville, Ind.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Rumsey Pump Corp., Seneca Falls, N. Y.  
Steiner (M.) & Co., Dayton, O. "Beaty"  
Uniflow Mfg. Co., Erie, Pa. "Uniflow"  
Viking Pump Co., Cedar Falls, Ia.  
Witte Engine Wks., Kansas City, Mo.  
Worthington Pump & Mchry. Corp., 2 Park Av.,  
New York, N. Y.

# **PUMPS, Rotary**

Blackmer Pump Co., Grand Rapids, Mich. "Big  
Boy," "Big Brother," "Black Mer Maid"  
Deming Co., Salem, O.  
Douglas (W. & B.) Pump Co., 6245 State Rd.,  
Phila., Pa.  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chi-  
cago, Ill. "F-M"  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Howell (E. E.) & Co., Minneapolis, Minn.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago,  
Ill.  
Lobe Pump & Machinery Co., Inc., 129 Dearborn,  
Buffalo, N. Y. "Lobe"  
Par-X Pump Corp., 400 Stinson Blvd., Minneapolis,  
Minn. "Liquid Master"  
Red Cross Mfg. Co., Bluffton, Ind.  
Red Jacket Mfg. Co., Davenport, Ia.  
Roots-Connersville Blower Corp., Connersville, Ind.  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper,"  
"Trahern"  
Rumsey Pump Corp., Seneca Falls, N. Y.

Sexton Can Co., Everett, Mass.  
Viking Pump Co., Cedar Falls, Ia.  
Worthington Pump & Mchry. Corp., 2 Park Av.,  
New York, N. Y.

# **PUMPS, Sink—See Pumps, Cistern and Sink**

# **PUMPS, Siphon**

Aermotor Co., Chicago, Ill.  
Barnes Mfg. Co., Mansfield, O.  
Challenge Co., Batavia, Ill.  
Deming Co., Salem, O.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Douglas (W. & B.) Pump Co., 6245 State Rd.,  
Phila., Pa.  
Flint & Walling Mfg. Co., Kendallville, Ind. "Hoos-  
ier"  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Humphries Mfg. Co., Mansfield, O.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Rumsey Pump Corp., Seneca Falls, N. Y.

# **PUMPS, Spray**

Armstrong Products Corp., Huntington, W. Va.  
Barnes Mfg. Co., Mansfield, O. "Gem," "Perfection"  
Bean (John) Mfg. Co., Lansing, Mich. "Little  
Giant," "Magic"  
Brown (E. C.) Co., Rochester, N. Y. "Autospray"  
Deming Co., Salem, O.  
Domestic Engine & Pump Co., Shippensburg, Pa.  
Douglas (W. & B.) Pump Co., 6245 State Rd.,  
Phila., Pa. "Arlington," "Forester," "Saybrook"  
Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis.  
"Sprayit"  
Friend Mfg. Co., Inc., Gasport, N. Y.  
Goulds Pumps, Inc., Seneca Falls, N. Y. "Bordeaux,"  
"Fruital," "Pomona"  
Hardie Mfg. Co., Hudson, Mich.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago,  
Ill. "Magic," "Marvel," "Modoc," "Mohawk,"  
"Moro"  
Humphries Mfg. Co., Mansfield, O. "Perfected"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Cog Gear," "Defiance," "Faultless," "Fountain,"  
"Handy," "Imperial," "Little Giant," "O. K.,"  
"Panama," "Peerless," "Perfect," "Pitman,"  
"Portable"  
Red Cross Mfg. Co., Bluffton, Ind. "Champion,"  
"Handy," "Utility"  
Rumsey Pump Corp., Seneca Falls, N. Y.  
Stahl (Wm.) Sprayer Co., Quincy, Ill. "Excelsior"

# **PUMPS, Spray, Power**

Bean (John) Mfg. Co., Lansing, Mich. "Giant"  
Deming Co., Salem, O.  
Douglas (W. & B.) Pump Co., 6245 State Rd.,  
Phila., Pa. "Charter Oak," "Woodland"  
Hardie Mfg. Co., Hudson, Mich.  
Hydraulic Press Mfg. Co., Mt. Gilead, O. "Mount  
Gilead," "Oil-Rite"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Bulldozer," "Cub," "Du-All," "Giant," "Junior,"  
"Self-Oiling," "Senior"  
Stahl (Wm.) Sprayer Co., Quincy, Ill. "Excelsior"

# **PUMPS, Sump**

(See also Drainers, Cellar)

American Well Works, Aurora, Ill.  
Aldrich Pump Co., Allentown, Pa.  
Deming Co., Salem, O.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Everite Pump & Mfg. Co., Inc., Lancaster, Pa.  
"Everite"  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chi-  
cago, Ill. "F-M"  
Gould Pumps, Inc., Seneca Falls, N. Y.  
Mummert-Dixon Co., Hanover, Pa.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
Oberdorfer (M. L.) Brass Co., Syracuse, N. Y.  
Penberthy Injector Co., Detroit, Mich.  
Roots-Connersville Blower Corp., Connersville, Ind.  
Rumsey Pump Corp., Seneca Falls, N. Y.  
Shetler-Calkins Co., Clio, Mich. "SS"  
Uniflow Mfg. Co., Erie, Pa. "Uniflow"  
Worthington Pump & Mchry. Corp., 2 Park Av.,  
New York, N. Y.

# **PUMPS, Tank**

Armstrong Products Corp., Huntington, W. Va.  
Barnes Mfg. Co., Mansfield, O.  
Blackmer Pump Co., Grand Rapids, Mich. "Big  
Brother"  
Butler Co., Butler, Ind.  
Decatur Pump Co., Decatur, Ill. "Burks"  
Deming Co., Salem, O.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Douglas (W. & B.) Pump Co., 6245 State Rd.,  
Phila., Pa. "Royal"  
Everite Pump & Mfg. Co., Inc., Lancaster, Pa.  
"Everite"  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chi-  
cago, Ill. "F-M"  
Flint & Walling Mfg. Co., Kendallville, Ind.  
"Hoosier"  
Goulds Pumps, Inc., Seneca Falls, N. Y.  
Heller-Aller Co., Napoleon, O.  
Humphries Mfg. Co., Mansfield, O.  
Mast, Foss & Co., Springfield, O. "Buckeye"  
McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
Micro-Westco, Inc., Bettendorf, Ia.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
"Ashland," "Century," "Cog Gear," "Faultless,"  
"Giant," "Low Down," "New Model"  
Par-X Pump Corp., 400 Stinson Blvd., Minneapolis,  
Minn. "Par-X"  
Red Cross Mfg. Co., Bluffton, Ind.  
Red Jacket Mfg. Co., Davenport, Ia.

# Here's Your Brand New FLASHLIGHT *and* BATTERY Department

Actual Tests in 2500  
Retail Outlets Show a  
**100 to 500%**  
Sales Increase

## A FLASHLIGHT FOR EVERY PURSE AND PURPOSE...

Ray-O-Vac makes merchandising history with this new shortcut to multiplied flashlight profits. Included are lights for every purpose, batteries for every use--yet the department takes **ONLY 15 INCHES** on your counter. 2500 dealers all claim it's "selling magic." And you'll say that it's the smartest profit builder ever achieved.

### HERE'S YOUR BALANCED FLASHLIGHT STOCK

The entire balanced stock of 18 Ray-O-Vac flashlights in 6 different styles retails for \$12.02; costs you \$8.13 (the department fixture is free). Order by number M-1 from your good friend, the Jobber Salesman.



### FEATURE RAY-O-VAC'S GUARANTEED LEAKPROOF FLASHLIGHT CELLS

The only battery guaranteed (in writing) not to bulge, swell or stick in the flashlight case--and costs no more! It's included in the battery department along with 3 additional sizes in proper proportion. 78 cells in department, retail for \$7.40, costs dealer \$4.81. Order by number B-1 from your friend, the Jobber Salesman.

# RAY-O-VAC COMPANY

MADISON, WISCONSIN



**PUMPS, Tank (Continued)**

Roots-Connersville Blower Corp., Connersville, Ind.  
 Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
 Rumsey Pump Co., Seneca Falls, N. Y.  
 Uniflow Mfg. Co., Erie, Pa. "Uniflow"  
 Viking Pump Co., Cedar Falls, Ia.  
 Whitaker Mfg. Co., Chicago, Ill. "Baltic"  
 Worthington Pump & Mchry. Corp., 2 Park Av., York, N. Y.

**PUMPS, Tank, Pressure**

American Well Works, Aurora, Ill.  
 Barnes Mfg. Co., Mansfield, O.  
 Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
 Decatur Pump Co., Decatur, Ill. "Burks"  
 Deming Co., Salem, O.  
 Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa. "Pneutank"  
 Flint & Walling Mfg. Co., Kendallville, Ind. "Hoosier"  
 Goulds Pumps, Inc., Seneca Falls, N. Y.  
 Hudson (H. D.) Mfg. Co., Chicago, Ill. "Oshkosh"  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Micro-Westco, Inc., Bettendorf, Ia.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 "Bulldoser," "Century," "Defiance," "Direct," "Self-Lubricating," "Self-Oiling"  
 Peters Pump Co., Kewanee, Ill.  
 Pomona Pump Co., 206 E. Commercial, Pomona, Cal. "Little Chief"  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
 Uniflow Mfg. Co., Erie, Pa. "Uniflow"  
 Worthington Pump & Mchry. Corp., 2 Park Av., New York, N. Y.

**PUMPS, Tire, Hand**

Ajax Auto Parts Co., Racine, Wis.  
 Autoquip Mfg. Co., Inc., Rochester, N. Y.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Codman & Shurtliff, Boston, Mass.  
 Hite Mfg. Co., Chattanooga, Tenn.  
 Ideal Clamp Mfg. Co., 200 Bradford, B'klyn, N. Y.  
 Imperial Brass Mfg. Co., Chicago, Ill. "Wixon"  
 Jaden (F.) Mfg. Co., Hastings, Neb. "Golden Rod"  
 Kellogg Mfg. Co., Rochester, N. Y.  
 Michigan Steel Tube Products Co., Detroit, Mich. "Acme"  
 Monroe Auto Equipment Co., Monroe, Mich.  
 Noara Mfg. Co., Waterbury, Conn. "Waterbury"  
 Rose (Frank) Mfg. Co., Hastings, Neb.  
 Shawver Co., Springfield, O. "Springfield"

**PUMPS, Vinegar**

Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Sommer (John) Faucet Co., 32 Morris Ave., Newark, N. J. (Wooden)  
 Tokheim Co., Cedar Rapids, Ia. "Vac"

**PUMPS, Volley Ball—See Pumps, Foot Ball, Etc.**

**PUMPS, Well—See Pumps, Chain; also Pumps, House**

**PUMPS, Well, Hand and Power**

Deming Co., Salem, O.  
 Dempster Mill Mfg. Co., Beatrice, Neb.  
 Iowa Pump Co., 918 E. Vermont, Indianapolis, Ind.  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Micro-Westco, Inc., Bettendorf, Ia.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
 Sta-Rite Products, Inc., Delavan, Wis.  
 Uniflow Mfg. Co., Erie, Pa. "Uniflow"

**PUMPS, Windmill—See Pumps, Hand and Windmill**

**PUMPS, Windmill, Regulator**

Dempster Mill Mfg. Co., Beatrice, Neb.  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
**PUNCH SETS—See Sets, Chisel & Punch**

**PUNCHES, Belt and Saddlers'**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
 Eyelet Tool Co., Boston, Mass.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 Manufacturers Belt Hook Co., Chicago, Ill. "L-X"  
 Millers Falls Co., Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
 Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn. "Bernard"  
 "Lodi," "Paragon"  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Tuck Mfg. Co., Brockton, Mass.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."

**PUNCHES, Blacksmiths'**

Albert Tool Co., Mercer, Pa.  
 Drew (C.) & Co., Kingston, Mass.  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 Oxford Tool Co., 1633 N. Second, Phila., Pa.  
 P & C Hand Forged Tool Co., Portland, Ore.  
 Penn Tool Co., 718 N. Broad, Phila., Pa.  
 Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"

Tiffany (Carroll R.), Conklin, N. Y. "Ace"  
 Vlehek Tool Co., 3006 E. 87th, Cleveland, O.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

**PUNCHES, Center, Cartridge**

Ensign-Bickford Co., Simsbury, Conn.

**PUNCHES, Center and Prick**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
 Billings & Spencer Co., Hartford, Conn.  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
 "Bridgeport" "Cant-Rol"  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, Bklyn., N. Y.  
 Buck Bros., Millbury, Mass.  
 Carver Tool Wks., Spring Valley, N. Y.  
 Chicago Tool & Kit Mfg. Co., Chicago, Ill. "C.T.K."  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"

Crescent Tool Co., Jamestown, N. Y. "S. & H."  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"

Denise, E. W., Chester, Conn.  
 Drew (C.) & Co., Kingston, Mass.  
 Duro Metal Products Co., 2651 N. Kildare Av., Chicago, Ill.

Ennis Mfg. Co., Reading, Pa.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Goodell Mfg. Co., Greenfield, Mass.  
 Harold (H. J.) Tool Co., Columbiana, O.  
 Hood Bros., Inc., 4336 Orchard, Phila., Pa.  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"

Iron City Tool Works, Pittsburgh, Pa.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 Lufkin Rule Co., Saginaw, Mich.  
 Marcy Tool Wks., Putnam, Conn.  
 Marion Tool Corp., Marion, Ind.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.

National Tool Co., 90 Walker, New York, N. Y.  
 Niagara Machine & Tool Wks., Buffalo, N. Y.  
 P & C Hand Forged Tool Co., Portland, Ore.  
 Paine, Benjamin O., Millbury, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Plomb Tool Co., Los Angeles, Cal.  
 Quality Tools Corp., New Wilmington, Pa. "Old Forge"

Rainey Mfg. Co., Titusville, Pa.  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.

Ryan (James J.) Tool Wks., Southington, Conn.  
 Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.

Starrett (L. S.) Co., Athol, Mass.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Syracuse Twist Drill Co., Syracuse, N. Y.  
 Tiffany (Carroll R.), Conklin, N. Y. "Ace"  
 Trimble & Fink Co., Inc., Baltimore, Md. "Sharp Shooter"

Tuck Mfg. Co., Brockton, Mass.  
 Union Tool Co., Orange, Mass.  
 United States Tool Corp., Louisiana, Mo.  
 United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Unitool"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Village Blacksmith Folks, Watertown, Wis.  
 Vlehek Tool Co., 3006 E. 87th, Cleveland, O.

**PUNCHES, Drift—See Patches, Blacksmiths'**

**PUNCHES, Eyelet**

Bates Mfg. Co., Orange, N. J. "Samson"  
 Eyelet Tool Co., Boston, Mass.  
 Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn. "Bernard"  
 Stimpson (Edwin B.) Co., 68 Franklin Av., B'klyn, N. Y.

**PUNCHES, Hand**

Bates Mfg. Co., Orange, N. J. "Samson"  
 Buffalo Forge Co., Buffalo, N. Y.  
 Cleveland Steel Tool Co., Cleveland, O.  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Dikeman Mfg. Co., Norwalk, Conn.  
 Drew (C.) & Co., Kingston, Mass.  
 Duro Metal Products Co., 2651 N. Kildare Av., Chicago, Ill.

Eyelet Tool Co., Boston, Mass.  
 Forged Steel Products Co., Newport, Pa. "F.S.P."  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn. "Bernard Carryall Kit," "Elm City"

Snell Mfg. Co., Flakdale, Mass.  
 Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"

Tuck Mfg. Co., Brockton, Mass.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Village Blacksmith Folks, Watertown, Wis.  
 Vlehek Tool Co., Cleveland, O.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Whitney (W. A.) Mfg. Co., Rockford, Ill.  
 Whitney Metal Tool Co., Rockford, Ill.

**PUNCHES, Hand Power**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Armstrong-Blum Mfg. Co., Chicago, Ill. "Marvel"  
 Bates Mfg. Co., Orange, N. J. "Samson"  
 Bertsch & Co., Cambridge City, Ind.  
 Braun (J. G.) Co., Chicago, Ill.  
 Buffalo Forge Co., Buffalo, N. Y.  
 Champion Blower & Forge Co., Lancaster, Pa.  
 Delaware Tool Co., Wilmington, Del.  
 Ekstrom, Carlson & Co., Rockford, Ill.  
 Eyelet Tool Co., Boston, Mass.  
 Gundlach (T. J.) Machine Co., Belleville, Ill. "Little Giant"  
 Hendley & Whittemore Co., Beloit, Wis.  
 Kidder (J. F.) Mfg. Co., Burlington, Vt. "Little Blacksmith"  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Perkins Mach. Co., Warren, Mass.  
 Rock River Mach. Co., Janesville, Wis.  
 Sabin Machine Co., Cleveland, O.  
 Whitney Metal Tool Co., Rockford, Ill.  
 Whitney (W. A.) Mfg. Co., Rockford, Ill.

**PUNCHES, Harness—See Patches, Belt and Saddlers'**

**PUNCHES, Hollow**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Eyelet Tool Co., Boston, Mass.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 Niagara Machine & Tool Wks., Buffalo, N. Y.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
 Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn. "Bernard"  
 Stortz (John) & Son, 210 Vine, Phila., Pa.

**PUNCHES, Leather—See Patches, Belt and Saddlers'**

**PUNCHES, Knockout—See Cutters and Patches, Knockout**

**PUNCHES, Machine—See Patches, Blacksmiths'**

**PUNCHES, Nose, Bull**

Pratt (Wm. E.) Mfg. Co., Joliet, Ill.  
 Scully, Jas., Pomeroy, Pa. "Boss"

**PUNCHES, Pin**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Billings & Spencer Co., Hartford, Conn.  
 Buck Bros., Millbury, Mass.  
 Chicago Tool & Kit Mfg. Co., Chicago, Ill. "C.T.K."  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"

Cleveland Steel Tool Co., Cleveland, O.  
 Cornwell Quality Tools Co., Mogadore, O. "Cornwell"

Crescent Tool Co., Jamestown, N. Y. "S. & H."  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Duro Metal Products Co., 2651 N. Kildare Av., Chicago, Ill.

Drew (C.) & Co., Kingston, Mass.  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 Leontonia Tool Co., Leontonia, Ohio.  
 Marcy Tool Wks., Putnam, Conn.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Oxford Tool Co., 1633 N. Second, Phila., Pa.  
 P & C Hand Forged Tool Co., Portland, Ore.  
 Penn Tool Co., 718 N. Broad, Phila., Pa.  
 Quality Tools Corp., New Wilmington, Pa. "Old Forge"

Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.

Ryan (James J.) Tool Wks., Southington, Conn.  
 Starrett (L. S.) Co., Athol, Mass.  
 Tiffany (Carroll R.), Conklin, N. Y. "Ace"  
 Tuck Mfg. Co., Brockton, Mass.  
 United States Tool Corp., Louisiana, Mo.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Vlehek Tool Co., 3006 E. 87th, Cleveland, O.

**PUNCHES, Portable**

Armstrong-Blum Mfg. Co., Chicago, Ill. "Marvel"  
 Eyelet Tool Co., Boston, Mass.  
 Gundlach (T. J.) Machine Co., Belleville, Ill. "Little Giant"  
 Kidder (J. F.) Mfg. Co., Burlington, Vt. "Little Blacksmith"  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.  
 Rock River Mach. Co., Janesville, Wis.  
 Whitney (W. A.) Mfg. Co., Rockford, Ill.  
 Whitney Metal Tool Co., Rockford, Ill.

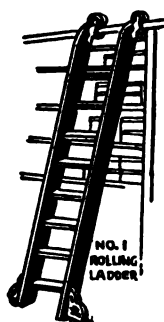
**PUNCHES, Poultry**

Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
 Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
 Spiller (Arthur P.) Co., Beverly, Mass. "Pelley's"  
**PUNCHES, Prick—See Patches, Center and Prick**  
**PUNCHES, Saddlers—See Patches, Belt and Saddlers'**

**PUNCHES, Rail**

Tallman Mfg. Co., Shelbyville, Ill.  
 Utility Mine Equipment Co., 620 Tower Grove Av., St. Louis, Mo. "Umeco"

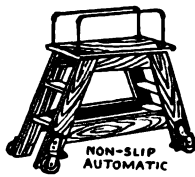
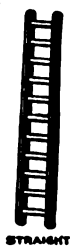
# PUTNAM ROLLING LADDERS



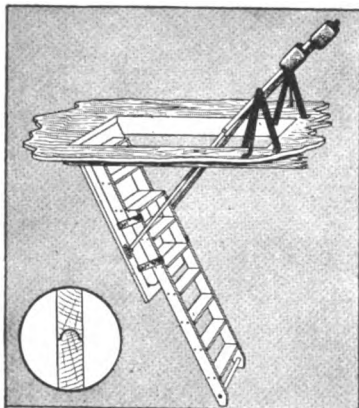
Carried in stock for immediate delivery.



We make and sell more rolling ladders than all other makes combined.

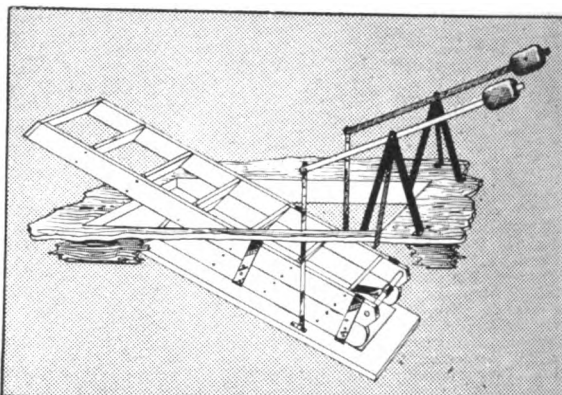


## The PUTNAM Perfect Balanced Stairway



New design.  
Truly balanced.  
No ropes—  
No pulleys—  
No springs.  
Made of  
Clear Spruce.  
Screwed together—  
no nails.  
All Forged  
Steel Parts.  
Will go in  
limited space.

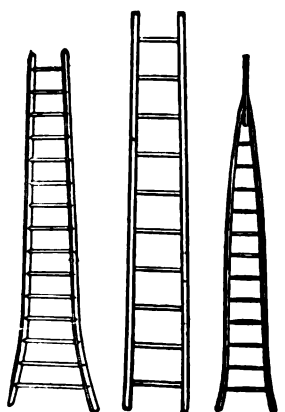
SEND FOR ILLUSTRATED CATALOGUE "D"



All completely assembled ready to be put up in opening. Note the tongue and groove in insert—makes sliding straight—and easy to work. Made in one size only.

Only one measurement to take—from floor to floor not floor to ceiling. One size opening to be cut in ceiling 26 x 68 ins. Shipped completely assembled ready to install.

32 Howard St., New York **PUTNAM & COMPANY, Inc.** Tel. Canal 6-5147



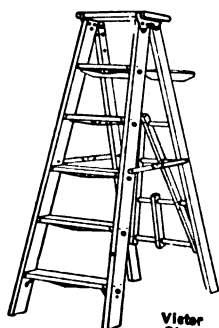
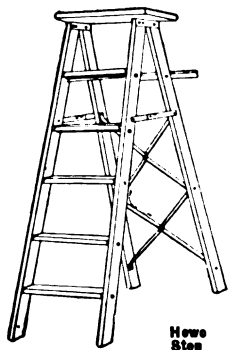
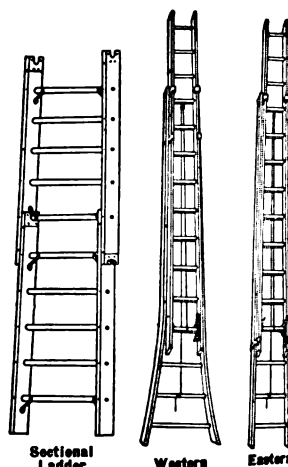
All Metal Parts Zinc Plated To Prevent Rust

# BABCOCK

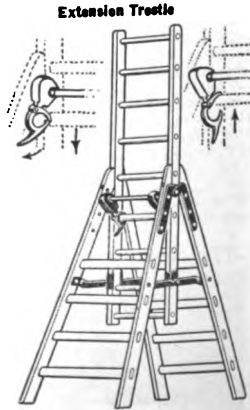
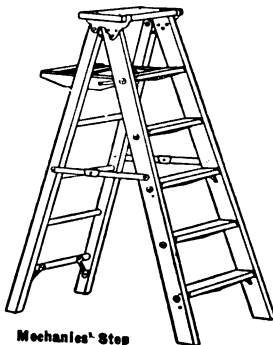
## SPRUCE LADDERS

ALL 4  
CORNERS  
OF EVERY  
EXTENSION  
AND SINGLE  
LADDER  
TIED WITH  
STEEL  
BRACES

SELL  
STRENGTH  
and  
SAFETY



W. W. BABCOCK CO.  
Bath, N. Y.



Mention Hardware Age When Writing

**PUNCHES, Revolving**

Baker (H.) & Co., 101 Duane, New York, N. Y.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
 Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn. "Bernard," "Lodi," "Paragon"  
 Village Blacksmith Folks, Watertown, Wis.

**PUNCHES, Saw**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Millers Falls Co., Greenfield, Mass.

**PUNCHES, Solid**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
 Billings & Spencer Co., Hartford, Conn.  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
 Cleveland Steel Tool Co., Cleveland, O.  
 Crescent Tool Co., Jamestown, N. Y. "S. & H."  
 Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
 Deuse, E. W., Chester, Conn.  
 Drew (C.) & Co., Kingston, Mass.  
 Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
 Marcy Tool Wks., Putnam, Conn.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Oxford Tool Co., 1633 N. Second, Phila., Pa.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Quality Tools Corp., New Wilmington, Pa. "Old-Forge"  
 United States Tool Corp., Louisiana, Mo.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Vichet Tool Co., 3006 E. 87th, Cleveland, O.

**PUNCHES, Ticket**

Barrett, Wm. L., Bristol, Conn. "Hart"  
 Ennis Mfg. Co., Reading, Pa.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.  
 Hogson & Pettis Mfg. Co., New Haven, Conn. "Crocker," "X L"  
 McGill Metal Products Co., 142 E. Prairie, Marengo, Ill.  
 Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn. "Bernard," "Paragon"  
 Stafford (N.) Co., 53d & 1st, B'klyn, N. Y.

**PUNCHES, Tinnern—See Punches, Hand****PUNCHING BAG BLADDERS—See Bladders, Foot Ball, Etc.****PUNCHING BAG MITTS—See Mitts, Striking Bag****PUNCHING BAGS—See Bags, Punching****PUNCTURE SEALING COMPOUNDS—See Compounds, Puncture Sealing****PURSES, Key—See Cases, Key****PUSH BARS—See Bars, Push****PUSH BRACES—See Braces, Push****PUSH BROOMS—See Brooms, Push****PUSH BUTTON POCKET KNIVES—See Knives, Pocket, Push Button****PUSH BUTTONS—See Buttons, Push****PUSH CARTS—See Carts, Push****PUSH CLIPS—See Clips, Push****PUSH DRILLS—See Drills, Automatic****PUSH JACKS—See Jacks, Push & Pull****PUSH PINS—See Pins, Push****PUSH PLATES—See Plates, Kick and Push****PUSH and PULL TOYS**

Anchor Toy Corp., Coudersport, Pa.  
 Bradley (Milton) Co., Springfield, Mass. "Bumpa"  
 Brown (E. C.) Co., Rochester, N. Y. "Velo-King"  
 Buddy "L" Mfg. Co., East Moline, Ill. (Pull-N-Ride)  
 Comestoga Corp., Bethlehem, Pa. "BIG-BANG"  
 Dotson (H. Hudson) Co., 200 Fifth Ave., New York, N. Y.  
 Embossing Co., Albany, N. Y.  
 Fisher-Price Toys, Inc., East Aurora, N. Y. "Chubby Chief," "Pushy-Piggy," "Wheelum"  
 Florida Playthings, Inc., St. Petersburg, Fla. "Peter Pelican"  
 Fuld (Wm.), Baltimore, Md.  
 Halsam Products Co., Chicago, Ill.  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 Holgate Bros. Co., Kane, Pa.  
 Hubley Mfg. Co., Lancaster, Pa.  
 Kenton Hdw. Co., Kenton, O. "Pickwick Nite Coach" (Also Graf Zeppelin)  
 Kingsbury Mfg. Co., Keene, N. H. "Fire Chief Siren," "Push-LoCo"  
 Lewis (G. B.) Watertown, Wis. "Tru-To-Life"  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Master"  
 Murray-Ohio Mfg. Co., Cleveland, O. "Steelcraft"  
 Schoenbut Mfg. Co., 2046 Castor Av., Phila., Pa.  
 Strombeck-Becker Mfg. Co., Moline, Ill.  
 Toy Kraft Co., Wooster, O. "Baby Bug," "Duckie Walker," "Turtle Tot"  
 Toy Tinkers, Inc., Evanston, Ill.  
**PUSHERS, Car—See Movers, Car**

**PUSHERS, Pipe**

Giant Mfg. Co., Council Bluffs, Ia. "Giant"  
 Greenlee Tool Co., Rockford, Ill.

**PUSHERS, Snow**

(See also Cleaners, Sidewalk)

Ames Baldwin Wyoming Co., Parkersburg, W. Va.  
 Blair Mfg. Co., Springfield, Mass. "EZ"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kohler," "Little Giant"  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O. "Sno-Plow"  
 Iwan Bros., South Bend, Ind. "Avalanche"  
 Kennebec Box & Lumber Co., So. Gardiner, Me. "Deering"  
 Mitchell & Scott Machine Co., Indianapolis, Ind.  
 Owosso Mfg. Co., Owosso, Mich. "Owosso"  
 Rugg Mfg. Co., Greenfield, Mass. "Keystone"  
 Starline, Inc., Harvard, Ill. "Star"  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Wirt & Knox Mfg. Co., 2340 W. York, Phila., Pa. "Lightning"

**PUTTING SHOT—See Shot, Putting****PUTTY, Casement, Metal**

Plastic Products Co., 6475 Georgia Av., Detroit, Mich. "Plastoid"

**PUTTY, Glaziers' and Painters'**

Acme White Lead & Color Wks., Detroit, Mich.  
 Allen Putty Products Co., 340 N. Ashland Av., Chicago, Ill. "Dealers," "Superfine"  
 Allentown Paint Mfg. Co., Allentown, Pa.  
 Baker Paint & Varnish Co., 218 Suydam Av., Jersey City, N. J.  
 Briggs-Maroney Co., Everett, Mass. "Peerless"  
 Colebrook's (W. H.) Sons, Syracuse, N. Y.  
 Colledge (F. J.) & Sons, Atlanta, Ga.  
 Concord Paint Co., Inc., 421 Hunts Point Av., New York, N. Y.  
 Connors (Wm.) Paint Mfg. Co., Troy, N. Y. "American Seal"  
 Crandall (E. V.) Oil & Putty Co., 1105 Metropolitan Av., B'klyn, N. Y.  
 Devoe & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
 Dicks-Pontius Co., 123 Wayne Av., Dayton, O. "D-P"

Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.

Felton-Sibley & Co., Phila., Pa.

Friedman (S.) & Sons, 26 Lorimer, Bklyn., N. Y.

Gumpert Laboratories, 2221 S. Archer, Chicago, Ill. "Nu-Puttie"

Hammond Paint & Chemical Co., Beacon, N. Y.

"Everlastic," "Hammond's," "Old English," "Storm King"

Hetzl (J. G.) Est., 67 Main, Newark, N. J.

King (E. & F.) & Co., Inc., Boston, Mass. "Breer's," "Efko"

Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Sure-Seal"

Lucas (John) & Co., Phila., Pa.

Martin-Senour Co., 2540 Quarry, Chicago, Ill.

Midway Chemical Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J.

"Radiant"

Mound City Paint & Color Co., St. Louis, Mo.

Nevin (T. H.) Co., Pittsburgh, Pa.

Patton Paint Co., Milwaukee, Wis.

Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa. "Pecora"

Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa. "Tiger"

Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa.

Plastic Products Co., 6475 Georgia Av., Detroit, Mich. "Stazon"

Ruth (B. F.) & Co., Reading, Pa.

Rutland Fire Clay Co., Rutland, Vt. "Rutland"

Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.

U. S. Plastics Co., 850 Providence Rd., Scranton, Pa.

"Good Grip," "Real Seal," "U. S."

Weatherproof Calking Co., Minneapolis, Minn. "Hennen's"

Wilhelm (A.) Co., Reading, Pa.

Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**PUTTY KNIVES—See Knives, Putty****PUTTY REMOVERS—See Removers, Putty, Electric****PUTTY, Sash, Steel**

Allen Putty Products Co., 340 N. Ashland Av., Chicago, Ill. "Vulcan"  
 Armstrong Co., 124 S. Post Av., Detroit, Mich.  
 Biddle Co., 612 S. Main, St. Louis, Mo.  
 Boydell Bros. White Lead & Color Co., 432 E. Lafayette, Detroit, Mich.  
 Dicks-Pontius Co., Dayton, O. "D-P"  
 Pecora Paint Co., 4th & Lawrence Av., Phila., Pa.  
 Plastic Products Co., 6475 Georgia Av., Detroit, Mich. "Plastoid"  
 Sterling Paint & Varnish Co., Malden, Mass.

**PUTTY, Sash, Wood**

Allen Putty Products Co., 340 N. Ashland Av., Chicago, Ill. "Premier"  
 Armstrong Co., 124 S. Post Av., Detroit, Mich.  
 Biddle Co., 612 S. Main, St. Louis, Mo.  
 Boydell Bros. White Lead & Color Co., 432 E. Lafayette, Detroit, Mich.

Dicks-Pontius Co., Dayton, O. "D-P"

Plastic Products Co., 6475 Georgia Av., Detroit, Mich. "Plastoid"

Sterling Paint & Varnish Co., Malden, Mass.

**PUTTY, Stove**

Allen Putty Products Co., 340 N. Ashland Av., Chicago, Ill. "Allen"  
 Armstrong Co., 124 S. Post Av., Detroit, Mich. "Tharco"  
 Laclede-Christy Clay Products Co., 411 N. 7th, St. Louis, Mo. "Laclede"  
 Plastic Products Co., 6475 Georgia Av., Detroit, Mich. "Plastoid"

**PUTTY, Water**

Durham (Donald) Co., 203-205 School, Des Moines, Ia. "Durham's Rock Hard"  
 Reardon (The) Co., St. Louis, Mo. "Reardon's"  
 Tamms Silica Co., 228 N. La Salle, Chicago, Ill. "Pyramid"

**PUZZLES**

Adams (S. S.) Co., Asbury Park, N. J. (Wire)  
 Bar Zim Toy Mfg. Co., Inc., 930 Newark Av., Jersey City, N. J. "Popeye"  
 Bradley (Milton) Co., Springfield, Mass.  
 Gardner Screw Corp., Gardner, Mass. (Bootleg)  
 Gilbert (A. C.) Co., New Haven, Conn. (Wire)  
 Madmar Quality Co., Utica, N. Y. (Picture)  
 Parker Bros., Salem, Mass. (Picture)  
 Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal" (Picture)

**PUZZLES, Jig-Saw**

Bradley (Milton) Co., Springfield, Mass. "Strand"  
 Dow, Louis F., St. Paul, Minn.  
 Emery Products Co., 225 Fifth Av., New York, N. Y. "Jigolette"  
 Gabriel (Samuel) Sons & Co., 200 Fifth Av., New York, N. Y. "Jig Saw Murder"  
 Harter Publishing Co., Cleveland, O. "Jiggety Jig"  
 Madmar Quality Co., Utica, N. Y. "Interloxes"  
 Parker Bros., Inc., Salem, Mass. "Jigwood," "Paramount"  
 Synco Devices, Inc., 747 Beaubien, Detroit, Mich. "Synco"

**PYROMETERS**

Russell Electric Co., 378 W. Huron, Chicago, Ill. "Hold-Heat"

**QUACK GRASS DESTROYERS—See Destroyers, Grass****QUADRANTS, Dutch Door**

Corbin, P & F., New Britain, Conn.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

Yale & Towne Mfg. Co., Stamford, Conn.

**QUILT FRAME CLAMPS—See Clamps, Frame, Quilt****QUOITS**

(See also Shoes, Horse, Pitching)

Colebrookdale Iron Co., Boyertown, Pa.  
 Harkins (T. B.) Fdry. Co., Bristol, Pa.  
 Indiana Fdry. Co., Indiana, Pa.  
 Kupferle, John C., St. Louis, Mo.  
 Laurelton Fdry. Co., Laurelton, Pa.  
 Levering Bros., Baltimore, Md.  
 Medart (Fred) Mfg. Co., St. Louis, Mo.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Shu-Quoi Game Corp., 1199 B'way, New York, N. Y. "Shu Quoi"  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Sperry (D. R.) & Co., Batavia, Ill.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Star Heel Plate Co., 357 Wilson Av., Newark, N. J.  
 Swett (A. L.) Iron Works, Medina, N. Y.  
 Williams (A. C.) Co., Ravenna, O.

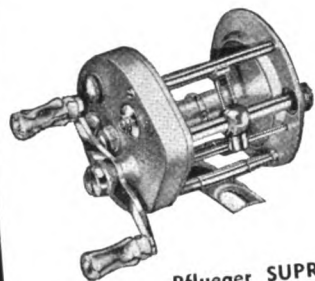
**QUOITS, Rubber**

Essex Rubber Co., Trenton, N. J.  
 Hohwieler Rubber Co., Morrisville, Pa.  
 Hooper (John P.), Trenton, N. J.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Quaker City Rubber Co., Phila., Pa.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Wolverine Supply & Mfg. Co., Pittsburgh, Pa.

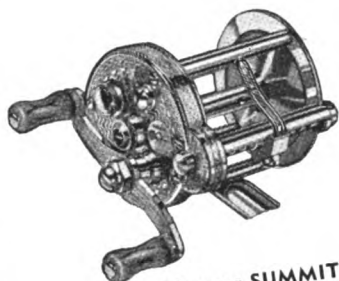
**RABBIT REPELLENTS—See Repellents, Dog, Cat and Rabbit****RACE KNIVES—See Knives, Race****RACKET PUMPS—See Pumps, Racket****RACKET BAGS—See Covers, Racket****RACKET CASES—See Covers, Racket****RACKET COVERS, Tennis—See Covers, Racket, Tennis****RACKETS, Squash**

Bancroft Racket Co., Inc., Pawtucket, R. I.  
 Cortland Line Co., Inc., Cortland, N. Y.  
 Kent, Inc., Pawtucket, R. I.  
 Magnan (N. J.) Co., North Attleboro, Mass.  
 Narragansett Machine Co., Providence, R. I.  
 Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
 Spalding (A. G.) & Bros., Chicopee, Mass.

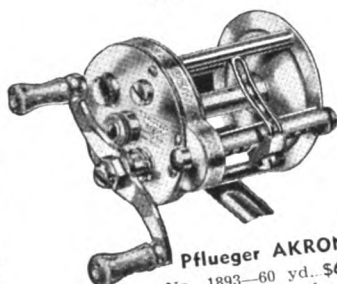




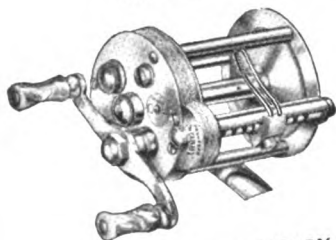
Pflueger SUPREME  
Price .....\$25.00



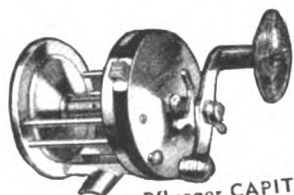
Pflueger SUMMIT  
No. 1993 .....\$10.00  
No. 1993L—Light  
Spool.....\$10.00



Pflueger AKRON  
No. 1893—60 yd..\$6.00  
No. 1893L—60 yd.  
Light Spool.....\$6.00  
No. 1894—80 yd..\$6.50



Pflueger NOBBY  
No. 1963 .....\$7.20



Pflueger CAPITOL  
with new  
Torpedo Handle  
No. 1985 .....\$7.50  
No. 1988 .....\$10.00  
No. 1989 .....\$11.25

# PFLUEGER

PRONOUNCED "FLEW-GER"

*A Great Name in Tackle*

**BAIT ACTION**  
*that lures*  
**REEL ACTION**  
*that wins*



"The above illustration is of an attractive lithographed cutout 25 x 25 inches supplied FREE to Pflueger Dealers. If you have not received one, write us."

## Sell More to More Anglers

When you display Pflueger Reels, Baits and other Pflueger tackle, you offer products backed by generations of experience in tackle building.

When you supplement this with Pflueger advertising displays, you apply the strength and power of national advertising on products familiar to millions of anglers of both sexes, and that have made Pflueger "A Great Name in Tackle."

For a Bigger, Better Season, display Pflueger Tackle and Pflueger Advertising in your store.

**THE ENTERPRISE MFG. COMPANY**  
Akron Fishing Tackle Works, Inc.

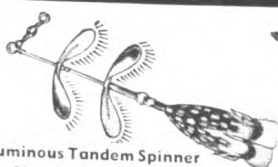
Dept. H.A.-7 "The Pfluegers" AKRON, OHIO



Chum Weedless Spoon  
No. 7172—sizes 2-3-4-5  
prices—60c, 65c, 75c



Muskill Bait  
No. 2460—sizes  
7, 9, 12—Prices  
55c, 65c, 90c



Luminous Tandem Spinner  
No. 1998—7 sizes  
40c to 80c each



Pal-O-Mine  
15 Finishes—3 sizes  
65c to 90c each



New Snapie Spinner  
6 Varieties  
Price 75c each

Mention Hardware Age When Writing

Digitized by Google

**RACKETS, Table Tennis**

Becker (P.) & Co., 323 W. Monroe, Chicago, Ill.  
Chicago Table Tennis Co., 1625 N. Milwaukee, Chicago, Ill.  
Dieterman & Jones, Jonesville, Mich. "Pro"  
Harvard Table Tennis Co., Cambridge, Mass.  
Pla-Wood Products Corp., 16606 Waterloo Rd., Cleveland, O.  
Spalding (A. G.) & Bros., Chicopee, Mass.

**RACKETS, Tennis**

Bancroft Racket Co., Inc., Pawtucket, R. I.  
Cortland Line Co., Inc., Cortland, N. Y.  
Dayton Racquet Co., Inc., Arcanum, O. "Lone Eagle"  
Godfrey (C. L.), Inc., Utica, N. Y.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "Blue Monogram," "Speed Shaft," "White Monogram" (Canadian)  
Hollywood Racket Mfg. Co., 7462 Melrose Av., Hollywood, Cal. "Strokemaster"  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Kent, Inc., Pawtucket, R. I.  
Magan (N. J.) Co., North Attleboro, Mass.  
Narragansett Machine Co., Providence, R. I. "Live-Wood"  
Rawlings Mfg. Co., St. Louis, Mo.  
Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Wilson Sporting Goods Co., 2037 Campbell Av., Chicago, Ill.

**RACKS and Assortments, Chain Display**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
Cleveland Chain & Mfg. Co., Cleveland, O. "Reel Salesman"  
Hodell Chain Co., 3934 Cooper Av., Cleveland, O.  
Peerless Chain Co., Winona, Minn.

**RACKS, Axe Display**

Burritt (O. W.) & Bro., Weedsport, N. Y.  
Canton Sash & Door Co., Canton, Ill. "Mosher's"  
Schrenk Bros., Syracuse, N. Y. "Dunbar," "Her-  
rick" (Revolving)

**RACKS, Bar**

Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.

**RACKS, Cake Cooling—See Rack, Bread Cooling****RACKS, Canning, Cold Pack**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Bromwell Wire Goods Co., Cincinnati, O.  
Grand Rapids Wire Products Co., Grand Rapids, Mich. "G-R Kol Pack"  
Hamblin & Russell Mfg. Co., Inc., Worcester, Mass.  
Moore Enameling & Mfg. Co., W. Lafayette, O.  
"Enamlat," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
Washburn Company, Worcester, Mass.

**RACKS, CLOTHES—See Dryers, Clothes****RACKS, Coat and Hat**

(See also Hooks, Coat and Hat)

American Bubble Pipe Co., Lawrence, L. I. "5 in 1"  
Atkinson Mfg. Co., Ludington, Mich. "Six-in-One"  
Bacus Novelty Co., Smethport, Pa.  
De Saussure Equipment Co., West New York, N. J.  
Ennis Mfg. Co., Reading, Pa.  
Erie City Mfg. Co., Erie, Pa.  
Fischer (Chas.) Spring Co., 240 Kent Av., B'klyn, N. Y.  
Knappe-Vogt Mfg. Co., Grand Rapids, Mich. "K-Venience"  
Lake Basket Co., Berrien Springs, Mich. "Domestic," "New Idea"  
Miller (Robert E.), Inc., 35 Pearl, New York, N.Y. "Dorak"  
Safety Auto Hat Rack Co., Inc., 14 Astor Pl., New York, N. Y.  
Timberlake (J. B.) & Sons, Jackson, Mich.  
Washburn Company, Worcester, Mass.  
Western Products, Inc., New Castle, Ind. (Wardrobe)

**RACKS, Cold Pack—See Racks, Canning, Cold Pack****RACKS, Corn Seed—See Dryers & Racks, Corn Seed****RACKS, Dish**

Artwire Creations, Inc., 104 W. 17th, New York, N. Y.  
Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Dutchman's"  
Wooster Rubber Co., Wooster, O. "Rubbermaid"

**RACKS, Garden Tool Display**

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**RACKS, Grip, Automobile—See Carriers, Luggage, Automobile****RACKS, Hat—See Racks, Coat and Hat, also Holders, Hat****RACKS, Household—See Dryers, Clothes; also Bars and Shelves, Towel****RACKS, Key**

Cushman & Denison Mfg. Co., 133 W. 23rd, New York, N. Y. "Cado"

**RACKS, Linoleum**

Rest (John H.) & Sons, Galva, Ill. (Also Rugs)  
Marvel Rack Mfg. Co., Inc., 324 N. First, Minneapolis, Minn. "Marvel"

**RACKS, Mower, Lawn**

Marvel Rack Mfg. Co., Inc., 324 N. First, Minneapolis, Minn. "Marvel"  
Eclipse Lawn Mower Co., Prophetstown, Ill. "Eclipse"

**RACKS, Pipe**

Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.

**RACKS, Shelf**

Atkinson Mfg. Co., Ludington, Mich. "ATK"  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Marshallan Mfg. Co., 5716 Euclid Av., Cleveland, O.  
Shelv-O-Matic Co., 5934 Myrtle Av., B'klyn., N. Y. "Shelv-O-Matic"  
Warren (J. D.) Mfg. Co., Montpelier, O.

**RACKS, Shoe**

(See also Hangers, Shoe)

Atkinson Mfg. Co., Ludington, Mich. "ATK"  
Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
Esmeo Auto Products Corp., 33 34th, B'klyn, N. Y. "Monar-Chrome"  
Fischer (Chas.) Spring Co., 240 Kent Av., B'klyn, N. Y.  
Imperial Metal Mfg. Corp., 38-01 Queens Blvd., Long Island City, N. Y. (Collapsible)  
Knappe-Vogt Mfg. Co., Grand Rapids, Mich. "K-Venience"  
Mackie-Lovejoy Mfg. Co., 1701 W. 13th, Chicago, Ill.  
Miller (Robert E.), Inc., 35 Pearl, New York, N.Y. "Remrak"  
Peerless Novelty Co., 105 Fulton, Grand Haven, Mich.  
Stanley Wks., New Britain, Conn.  
Wissenbach, F., 184 John, Clinton, Mass. "Shuvalot"  
Yearke Metal Products Co., Buffalo, N. Y. (Collapsible)

**RACKS, Sink, Kitchen**

Acme Metal Gds. Mfg. Co., 2 Orange, Newark, N. J.  
Autoyre Co., Oakville, Conn. "All-Purpose"  
Gatch Wire Goods Co., 801 Buren, Baltimore, Md.  
Handy Things Mfg. Co., Ludington, Mich.  
Marsh (G. A.) Co., Arlington, Mass.  
South Montrose Mfg. Co., Inc., South Montrose, Pa.  
Standard Novelty Wks., Duncannon, Pa.  
Wooster Rubber Co., Wooster, O. "Rubbermaid"

**RACKS, Steamer, Aluminum**

Cook (H. C.) Co., 27 Beaver, Ansonia, Conn. "Noburn"

**RACKS, Tie**

Autoyre Co., Oakville, Conn.  
Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
Dixon Co., New Canaan, Conn. "Six or Sixty"  
Everedy Co., Frederick, Md.  
Fischer (Chas.) Spring Co., 240 Kent Av., B'klyn, N. Y.  
Judd (H. L.) Co., Inc., Wallingford, Conn. "Simplicity"  
Klipper Specialty Co., 494 Franklin, Buffalo, N. Y. "Pina-Ty-Rak"  
Knappe-Vogt Mfg. Co., Grand Rapids, Mich. "K-Venience"  
Miller (Robert E.), Inc., 35 Pearl, New York, N.Y. "Remrak"  
Nu-Dell Mfg. Co., Inc., 501 W. Huron, Chicago, Ill.  
Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. "Non-slip"  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Unitool"  
Ventefactor Co., Inc., 434 N. Front, Baltimore, Md. "Tidy"  
Washburn Co., Worcester, Mass.

**RACKS, Tool**

Aurora Equip Co., Inc., Aurora, Ill. "Equipto"  
Berger Mfg. Co. Div. Republic Steel Corp., Canton, O. "Berloy"  
Canton Sash & Door Co., Canton, Ill. "Mosher's"  
Cleveland Wire Spring Co., Cleveland, O.  
Frick-Gallagher Mfg. Co., Wellston, O. "Rotabin"  
General Hardware Mfg. Co., 16 Warren, New York, N. Y. "3-in-1"  
Gibson Good Tools, Inc., Orange, Mass. "Gripper Clip"  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.  
New Britain Mach. Co., New Britain, Conn.  
Platt (Arthur I.) & Co., Fairfield, Conn. "Finger Grip"  
Schrenk Bros., Syracuse, N. Y. "Dunbar," "Her-  
rick" (Revolving)

Stark (James E.) Co., 25 Plum, Memphis, Tenn.  
Toledo Metal Furniture Co., Toledo, O. (Tray Truck)  
Universal Equipment Co., 3601 Arthington, Chicago, Ill.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**RACKS, Towel**

(See also Bars, Towel; also Shelves, Glass)

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Acme Specialty Mfg. Co., Toledo, O.  
American Bubble Pipe Co., Lawrence, L. I. "Star-Open"  
Autoyre Co., Oakville, Conn. "Clip-On," "Twin Clip-On"  
Boston Mirror Co., Boston, Mass.  
Church (C. F.) Mfg. Co., Holyoke, Mass.  
Daystrom Corp., Olean, N. Y.  
Dillingham Mfg. Co., Sheboygan, Wis.  
Ennis Mfg. Co., Reading, Pa.  
Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brasscrafters"  
Fernald Mfg. Co., North East, Pa. "Adjusto"  
Gem Mfg. Co., No. Girard, Pa. "Kitchenette," "O. K."  
Handy Things Mfg. Co., Ludington, Mich.  
Ideal Metalcraft Co., 3620 Superior Av., Cleveland, O.  
Krischer Trading Corp., 210 Taaffe Pl., B'klyn, N. Y. "Knight Brand"  
Landers, Frary & Clark, New Britain, Conn.  
Parker Metal Goods Co., Worcester, Mass.  
Peerless Novelty Co., 105 Fulton, Grand Haven, Mich.  
Porcelain Products, Inc., Parkersburg, W. Va.  
Racine Iron & Wire Wks., Racine, Wis.  
Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad Av., Newark, N. J.  
South Montrose Mfg. Co., Inc., South Montrose, Pa.  
Turner & Seymour Mfg. Co., Torrington, Conn. "Wilwear"  
Washburn Company, Worcester, Mass.  
Western Newell Mfg. Co., Freeport, Ill.  
"White-Steel" Sanitary Furniture Co., Grand Rapids, Mich.  
RACKS, Trunk—See Carriers, Luggage

**RACKS, Wash Basin, Portable**

Astle, W. G., 13 Penfield, Buffalo, N. Y. "Hy-Tool"

**RACKS, Window Glass**

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Marvel Rack Mfg. Co., Inc., 324 N. First, Minneapolis, Minn. "Marvel"  
Universal Equipment Co., 3601 Arthington, Chicago, Ill.

**RACKS, Wire Cloth**

Best (John H.) & Sons, Galva, Ill.  
Davis & Siehl Co., Cincinnati, O. "Bennett"  
Marvel Rack Mfg. Co., Inc., 324 N. First, Minneapolis, Minn. "Marvel"  
Reflector Hardware Corp., Western Av. & 22nd Place, Chicago, Ill.  
Schriver (O. P.) Co., Cincinnati, O.  
Universal Equipment Co., 3601 Arthington, Chicago, Ill.

**RADIANT FUEL OIL BURNING HEATERS—See Heaters, Circulating and Radiant Fuel Oil Burning****RADIANTS, Heating**

Mid-Continent Radiant Co., 118 E. 1st, Tulsa, Okla.  
Shuler Radiant Co., Inc., 4029 St. Clair Av., Cleveland, O. (Replacements)

**RADIATOR AIR MOISTENERS—See Moisteners, Air, Radiator****RADIATOR BRACKETS—See Brackets, Radiator****RADIATOR CABINETS—See Covers, Radiator****RADIATOR COVERS—See Covers, Radiator****RADIATOR FILLER CANS—See Cans, Radiator Filler, Automobile****RADIATOR FILLING FAUCETS—See Faucets, Radiator Filling****RADIATOR GRILLES—See Grilles, Radiator****RADIATOR HEATERS—See Heaters, Radiator****RADIATOR NIPPLE WRENCHES—See Wrenches, Spud, Radiator****RADIATOR SHIELDS—See Shields, Radiator****RADIATOR SPUD WRENCHES—See Wrenches, Spud, Radiator****RADIATOR VALVES—See Valves, Radiator****RADIATORS, Cooker, Fireless**

Vermont Soapstone Co., Perkinsville, Vt.

**RADIATORS, Steam, Electric**

Electric Steam Radiator Co., 2901 W. Grand Blvd., Detroit, Mich.

**RADIO AERIAL ELIMINATORS—See Eliminators, Aerial, Radio****RADIO AERIAL KITS—See Kits, Aerial, Radio****RADIO ANTENNA INSULATORS—See Insulators, Antenna, Radio****RADIO ANTENNA LEAD-INS—See Lead-ins, Antenna, Radio**

## STOCK THIS QUICK **K-R-O** KILLS-RATS-ONLY

Fast selling Rat killer—Not a poison—harmless to everything but Rats. Made of oven-dried red squill and known everywhere for over 12 years. Nationally advertised in magazines, Farm and Poultry papers. Hardware stores big outlet. Powder (for Farms) retails for 75¢—Ready Mixed 35¢ and \$1.00. A long profit item—a quick money maker. Hardware dealers write for prices. K-R-O Company, Springfield, Ohio.

## E-Z CORN POPPER

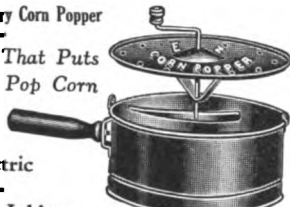
The Original Rotary Corn Popper

The Popper That Puts  
The Pop in Pop Corn

Stove Type  
or Electric

Ask Your Jobber

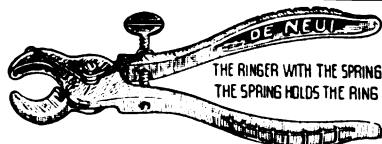
O. S. KEENE MACHINE CO., - ELKHART, IND.



Lag's Dog & Cat Chaser  
Lag's Rabbit Chaser  
Lag's Rat Attractor  
Lag's Last Meal for Rats & Mice

Circular upon request.

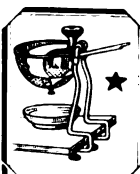
G. ANDERSON LEVY, Dept. HA  
631 Penn Ave. Pittsburgh, Pa.



### De Neu HOG RINGER

Makes ring inserting easy—patent spring holds ring when both hands are occupied. Adjustable to fit all standard rings—Blair's, Hill's, Perfect, Fish Hook, Stewart's, etc. Made of best malleable casting; reinforced at all points. Write for prices.

H. H. Lindeman, Aplington, Ia.



no paring—no coring—no waste  
**The DILVER**  
"Wife Saver"

Tested and approved by Good Housekeeping Institute—big seller to housewives, combines a fruit press, vegetable press, sieve, colander and ricer. Requires no electric current. Makes better apple sauce, jelly, soups, from a bushel of fruit in ten minutes. Gets all food value with pulp; leaves only indigestible material. Easily cleaned. Quickly clamped to table. Retailers profitably at \$3.50. Send for folder and discounts.

McDowell Mfg. Co. Pittsburgh 9, Pa.

## JAY-WAY Door Holder



NEW—Interesting—Useful—Holds door in any position—Easy to use—nothing to attach—Can't harm floor—Regulates ventilation. Retailers Standard Model nickel 50¢—Special Enamel in fancy box—popular as gifts and prizes \$1.00. Liberal discount—Write

JAY-WAY CO.  
1 EAST 42nd ST.  
NEW YORK, N. Y.

## "SUNSHINE" French Process **CHAMOIS** MADE IN U.S.A.

ASK YOUR JOBBER  
FOR OUR EXTRA VALUE  
SEWED PIECE CHAMOIS

HOYT & WORTHEN TANNING CORP.  
HAVERHILL, MASS.

## KEY BLANKS LOCKSMITHS' SUPPLIES



Catalog on Request

H. HOFFMAN CO.  
6245 No. Western Ave., Chicago

## KEY BLANKS OF EVERY DESCRIPTION



Catalogue on Request

GRAHAM MFG. CO.  
Dept. W  
Derby, Conn., U. S. A.



### FOR TERMITES DICLOROCRESOL

For Soil Treatment and Termite infested wood. Penetrating, lasting, time tested by our Exterminating Dept. Retail—\$1.65 gal. Dealer cost \$1.50 doz. gals. Satisfaction—Repeats. FREE Display Cards and valuable books on insects.

ELCO MFG. CO. (Sole Mfrs.)  
East Liberty, Pittsburgh, Pa.

## UNCLE SAM

cannot spray poultry houses, yet has recommended what to use to kill mites and fowl ticks. It is pure carbolineum. Our CARBOLINEUM AMERICA is guaranteed by affidavit to be like that recommended. One application LASTS 1 to 3 YEARS. Accept no substitutes. Can be satisfactorily diluted. Write

C-A WOOD PRESERVER COMPANY  
6623 DELMAR BLVD., ST. LOUIS, MO.

## STANLEY'S CROW REPELLENT



Protects seed corn from crows, pheasants, blackbirds, larks and all other corn-pulling birds and animal pests such as moles, gophers, woodchucks, squirrels, etc. In handy ½ pt., 1 pt., and 1 qt. cans. Free dealer ads. Write for folder and trade prices.

CEDAR HILL FORMULAE CO.  
BOX 1129, NEW BRITAIN, CONN.

## CALDWELL Sash Balances

Do not confuse cheap imitations with Genuine Caldwell Balances.

52nd Year

Caldwell Mfg. Co.  
40 INDUSTRIAL STREET  
ROCHESTER, N. Y.



## STEEL MORTAR BODS

No dripping onto the user's back.



No. 158  
Mortar

26"x12"  
x 11½"  
deep

Made entirely of steel with wooden shoulder saddle and handle. Edges are heavily reinforced. The fork is pressed from heavy gauge steel.

Write for prices.

The Cleveland Wire Spring Co.  
E. 38th St. and Hamilton Ave.  
Cleveland, Ohio

COOK'S CLIP-RITE

## CLIP-RITE

### COOK'S

NEW STREAMLINE  
SUPER VALUE  
NAIL CLIPPER

New member of Gem Nail Clipper family. Hardened jaws, nail file, cleaner. Heavily nickled. Doz. on colorful card at jobbers'. Send for details.

THE H. C. COOK CO.  
27 Beaver St., Ansonia, Conn.

## BRUSH-NU

CLEANS  
BRUSHES  
BETTER

SELLS FAST AT 10¢

## THE LEADER

FOR 20 YEARS

BRUSH-NU COMPANY  
BALTIMORE MARYLAND

## NOISELESS—GLIDES

### Buckeye

### 'Spring-Kushion'

Complete line for both Wood and Metal furniture.

## FURNITURE BRACES

### Buckeye

### 'All-Chain'

Complete line for Chairs, Beds, Tables, etc. Steel chain construction.

BUCKEYE GLIDE CO., Inc.  
131 East 23 Street, New York City

'Buckeye Antube' for ant troubles

## REFRIGERATOR ACCESSORIES... CRISPERS

Rubber ice trays, dishes, etc., etc.

Select from our big catalog, at money saving prices. Catalog free if requested on your letterhead.

THE HARRY ALTER CO.  
1728 S. MICHIGAN AVENUE, CHICAGO, ILL.

Mention Hardware Age When Writing



**RADIO AUTOMOBILE RECEIVING SETS**—See Sets, Automobile, Receiving, Radio  
**RADIO BATTERIES, Dry "A"**—See Batteries, Dry "A"  
**RADIO BATTERIES, Dry "B"**—See Batteries, Dry "B"  
**RADIO BATTERIES, Dry "C"**—See Batteries, Dry "C"  
**RADIO BATTERIES, Dry, Multi-Cell Units**—See Batteries, Dry, Multi-Cell Units  
**RADIO BATTERY CHARGERS**—See Chargers, Battery  
**RADIO BATTERY CARRIERS**—See Carriers, Battery  
**RADIO BATTERY CLIPS**—See Clips, Battery  
**RADIO BATTERY RECEIVING SETS**—See Sets, Battery, Receiving, Radio  
**RADIO BATTERY TESTERS**—See Hydrometers  
**RADIO CONSOLE RECEIVING SETS**—See Sets, Console, Receiving, Radio  
**RADIO FUSES**—See Fuses, Radio  
**RADIO INTERFERENCE ELIMINATORS**—See Eliminators, Radio Interference  
**RADIO KITS, Aerial**—See Kits, Aerial, Radio  
**RADIO LIGHTNING ARRESTERS**—See Arresters, Lightning, Radio  
**RADIO MAST FITTINGS**—See Fittings, Mast, Radio  
**RADIO MIDGET RECEIVING SETS**—See Sets, Midget, Receiving, Radio  
**RADIO OUTLETS**—See Outlets, Radio  
**RADIO-PHONOGRAPH COMBINATION SETS**—See Sets, Radio-Phonograph, Combination  
**RADIO PILLLOW SPEAKERS**—See Speakers, Pillow, Radio  
**RADIO TOWERS**—See Towers, Radio  
**RADIO TUBE TESTERS**—See Testers, Tube, Radio  
**RADIO TUBES**—See Tubes, Vacuum, Radio  
**RADIO WIRE**—See Wire, Radio  
**RADIUM PUSH BUTTONS**—See Buttons, Push  
**RADIUM SWITCH LOCATORS**—See Locators, Switch, Luminous, Radium  
**RAFTER BRACKETS**—See Brackets, Rafter  
**RAFTING AUGERS**—See Augers, Rafting  
**RAG DOLLS**—See Dolls, Cloth or Rag  
**RAIL BENDERS**—See Benders, Rail  
**RAIL PUNCHES**—See Punches, Rail  
**RAIL TONGS**—See Tonge, Rail  
**RAILING, Balcony**—See Railing, Porch, Counter, Balcony, Etc.  
**RAILING, Counter**—See Railing, Porch Counter, Balcony, Etc.  
**RAILING FITTINGS**—See Fittings, Railing

### RAILING, Pipe, Iron, Brass and Bronze

Brey-Krause Mfg. Co., Allentown, Pa.  
 Buffalo Wire Wks. Co., Buffalo, N. Y.  
 Century Fence Co., Waukegan, Wis.  
 Chase Brass & Copper Co., Watertbury, Conn.  
 Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av., Cincinnati, O. (Iron)  
 Columbus Brass Co., Columbus, O.  
 Davis & Stahl Co., Cincinnati, O.  
 Erco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.  
 Fluke (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
 Hubeny Brothers, Inc., Roselle, N. J.  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 Logan Co., Louisville, Ky.  
 Page Steel & Wire Div. of American Chain & Cable Co., Inc., Monaca, Pa.  
 Smith (F. P.) Wire & Iron Wks., 2346 Clybourn Av., Chicago, Ill.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O. (Ornamental, Stair, Stoop and Bridge)  
 Tyler (W. S.) Co., Cleveland, O.

### RAILING, Porch, Counter, Balcony, Etc.

Adams Co., Dubuque, Ia.  
 Badger Wire & Iron Wks., Milwaukee, Wis.  
 Brey-Krause Mfg. Co., Allentown, Pa.  
 Buffalo Wire Wks. Co., Buffalo, N. Y.  
 Cincinnati Iron Fence Co., Dept. F, 3300 Spring Grove Av., Cincinnati, O.  
 Columbus Wire & Iron Wks. Co., Columbus, O.  
 Enterprise Fence & Wire Mfg. Co., Indianapolis, Ind.  
 Fluke (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
 Logan Co., Louisville, Ky.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
 Smith (F. P.) Wire & Iron Wks., 2346 Clybourn Av., Chicago, Ill.  
 Southern Wire & Iron Works, Atlanta, Ga.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

### RAILING, Wire, Partition

Badger Wire & Iron Wks., Milwaukee, Wis.  
 Columbus Wire & Iron Wks. Co., Columbus, O.  
 Davis & Stahl Co., Cincinnati, O.  
 Logan Co., Louisville, Ky.  
 Page Steel & Wire Div. of American Chain & Cable Co., Inc., Monaca, Pa.  
 Smith (F. P.) Wire & Iron Wks., 2346 Clybourn Av., Chicago, Ill.  
 Southern Wire & Iron Works, Atlanta, Ga.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

**RAILINGS, Iron**—See Fence and Railings, Iron  
**RAILROAD CHAINS**—See Chains, Railroad  
**RAILROAD LANTERNS**—See Lanterns, Railroad  
**RAILROAD LOCKS**—See Locks, Railroad  
**RAILROAD SHOVELS**—See Shovels, Railroad  
**RAILROAD SPIKE MAULS**—See Mauls, Railroad Spike  
**RAILROAD TIE TONGS**—See Tonge, Railroad, Tie  
**RAILROAD TOOL HANDLES**—See Handles, Hickory; also Handles, Oak  
**RAILROAD TRACK JACKS**—See Jacks, Track, Railroad  
**RAILROAD TRACK TOOLS**—See Tools, Railroad Track  
**RAILROAD WRENCHES**—See Wrenches, Railroad

### RAILS, Loefer

Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

**RAILWAY SYSTEMS, Toy**—See Trains, Toy  
**RAIN WATER FILTERS**—See Filters, Water, Rain  
**RAIN WATER CUT-OFFS**—See Cut-offs, Rain Water  
**RAKE HANDLES**—See Handles, Repair

### RAKES, Asphalt

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Union Fork & Hoe Co., Columbus, O. "Union"  
**RAKES, Clam**—See Hooks, Clam

### RAKES, Clinker

Farrell-Cheek Steel Co., Sandusky, O.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Leetonia Tool Co., Leetonia, O.  
 National Tool Co., 90 Walker, New York, N. Y.  
**RAKES or COMBS, LAWN MOWER**—See Combs or Rakes, Lawn Mower

### RAKES, Dandelion

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Hamlin Metal Products Co., Inc., 53 W. Exchange, Akron, O.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Kew (F. D.) Mfg. Co., Beatrice, Neb.  
 Union Fork & Hoe Co., Columbus, O. "Speedy," "Union"

### RAKES, Garden or Lawn

Akron-Sells Co., Akron, O. "Aristocrat," "Tasco"  
 Alexander (G. E.) & Son, Sunapee, N. H.  
 American Fork & Hoe Co., Cleveland, O. "Bruno Rake," "Lawncomb," "True Temper"  
 Ames Baldwin Wyoming Co., Parkersburg, W. Va.  
 "Ames," "Knexall," "Owl," "Robin"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "CKR," "Champion," "Lawnmaster," "Elmira," "Ideal," "Kohler," "Little Giant," "Montour," "Standard," "Victor"  
 Cheesbrough, Thos. E., Freeport, Mich.  
 Coburn Mfg. Co., Whitewater, Wis.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa. "Diston Spring-Rake"  
 Duro Metal Products, Inc., 116 Elm, Providence, R. I. "Adjusto," "Duro"  
 Franklin Equipment Co., Monticello, Ia.  
 Gardex, Inc., 215 E. Michigan, Michigan City, Ind. "Gardex"  
 General Hdw. Corp., 3530 W. Pierce, Milwaukee, Wis.  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Gunderson, J. A. & P. W., Whitewater, Wis. "Rex"  
 Hamlin Metal Products Co., Inc., 53 W. Exchange, Akron, O. "Country Gentleman"  
 Handle & Excelsior Co., Picture Rocks, Pa. (Bamboo)  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Kant Klog Rake, Inc., Martinsville, Ind.  
 Kautenberg (W. E.) Co., Freeport, Ill. "Flexible"  
 Kees (F. D.) Mfg. Co., Beatrice, Neb.  
 Kimber, H., Oakland, Cal.  
 McGuire (Geo. W.) Co., 150-45 12th Av., White-stone, Long Island, N. Y. (Bamboo)  
 Miller Mfg. Co., Hicksville, O. "Buckhorn," "Tested Tools"  
 Myers Regulator Co., 3026 Summit, Toledo, O. "Lon-Rak"  
 New Standard Corp., Mt. Joy, Pa. "Dandy"  
 Opdyke & Opdyke, Inc., Bristol, Pa. "Nameco"  
 Pennsylvania Lawn Mower Wks., Inc., Primos, Del. Co., Pa.  
 Piqua Munising Wood Products Co., Cleveland, O. "Ole Olsen"  
 Quasi Mfg. Co., Inc., 6041 Grand Av., Chicago, Ill. "Imperial"  
 Reichard (F. H.) Mfg. Co., Bangor, Pa. "Multi-plex"  
 Rugg Mfg. Co., Greenfield, Mass. "Kleen Sweep," "Green Tipt," "Steel Neck"  
 Sabin Machine Co., Cleveland, O. "Gum Finger," "Gum Finger, Jr." (Rubber Teeth)  
 Stampit Corp., Brookfield, Ill. "Broom Rake," "Lawn Groomer"  
 Stedman (M. W.) Co., Tyringham, Mass.

Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo.  
 Thiemann Harvester Co., Inc., Albert City, Ia. (Self-Cleaning)  
 Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Speedy," "Union"  
 Van Peit, O. A., Gallen, Mich. "Van's"  
 Yeoman-Hoag Co., Monticello, Ia. (Flexible Steel Prongs)  
**RAKES, Golf Green**—See Rakes, Putting Green

### RAKES, Hay, Hand

Alexander (G. E.) & Son, Sunapee, N. H.  
 Handle & Excelsior Co., Picture Rocks, Pa.  
 Rugg Mfg. Co., Greenfield, Mass.  
 Stedman (M. W.) Co., Tyringham, Mass.  
**RAKES, Lawn**—See Rakes, Garden or Lawn  
**RAKES, YARD BROOM**—See Rakes, Garden and Lawn

### RAMS, Hydraulic

Columbiana Pump Co., Columbiana, O.  
 Deming Co., Salem, O.  
 Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
 Flint & Walling Mfg. Co., Kendallville, Ind.  
 Goulds Pumps, Inc., Seneca Falls, N. Y.  
 Humphreys Mfg. Co., Mansfield, O.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Rumsey Pump Corp., Seneca Falls, N. Y.  
 Worthington Pump & Mch. Corp., 115 B'way, New York, N. Y.

### RANGE BOILER STANDS—See Stands, Boiler, Range

**RANGE BOILERS**—See Boilers, Range  
**RANGE BURNERS**—See Units, Oil Burning, for Room Heaters, Range, Stove, etc.  
**RANGE CANOPIES**—See Hoods, Range, Gas, Ventilating

**RANGE HEATER UNITS**—See Units, Range Heater  
**RANGE KETTLES**—See Kettles, Tea, Range and Stove  
**RANGE OIL BURNING UNITS**—See Units, Oil Burning, for Room Heater, Ranges, Stove, Etc.  
**RANGE SWITCHES**—See Switches, Range, Electric  
**RANGE TOPS, Gas**—See Tops, Gas Range

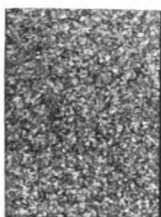
### RANGES, Coal

(See also Stoves, Coal)  
 Aga Stove Co., 19 E. 47th, New York, N. Y. "Aga"  
 A. & J. Mfg. Co., Gadsden, Ala. "A. & J."  
 Advance Stove Wks., Evansville, Ind. "Advance"  
 Agricola Furnace Co., Inc., Gadsden, Ala. "Ase," "Agricola," "Apollo," "Perfect," "Standard," "Wizard"  
 Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"  
 Allen Mfg. Co., Knoxville, Tenn. "Allen's," "Allen's Streamline," "400," "Princess"  
 Althoff (L. A.) Corp., 165 N. Clinton, Chicago, Ill.  
 American Range Corp., Shakopee, Minn. "Sanco"  
 American Stove Co., Lorain Div., 1200 Long Av., Lorain, O. "Quick Meal"  
 Anchor Stove & Range Co., Inc., New Albany, Ind. "Anchor," "Delight"  
 Andes Range & Furnace Corp., Geneva, N. Y. "Andes"  
 Atlanta Stove Wks., Atlanta, Ga.  
 Auto Stove Wks., New Athens, Ill.  
 Avondale Stove & Foundry Co., Birmingham, Ala.  
 "Avondale Diamond," "Grand Avondale"  
 Barstow Stove Co., Providence, R. I.  
 Bellaire Stove Co., Bellaire, O. "Star"  
 Birmingham Stove & Range Co., Birmingham, Ala. "Red Mountain"  
 Brown Stove Wks., Inc., Cleveland, Tenn.  
 Buffalo Co-Operative Stove Co., Buffalo, N. Y. "Amberst"  
 Charter Oak Stove & Range Co., St. Louis, Mo. "Oak"  
 Cole's Hotblast Mfg. Co., Chicago, Ill. "Cole's Down Draft"  
 Columbus Iron Wks. Co., Columbus, Ga. "Muscogee"  
 Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
 Copper-Clad Malleable Range Co., St. Louis, Mo. "Copper-Clad"  
 Crescent Stove Wks., Evansville, Ind. "Crescent"  
 Cribben & Sexton Co., Chicago, Ill. "Universal"  
 Danville Stove & Mfg. Co., Danville, Pa. "Beaver"  
 Dixie Foundry Co., Cleveland, Tenn. "Dixie Queen"  
 Dorch Stove Wks., Inc., Franklin, Tenn. "Royal"  
 Duffy-Trowbridge Stove Mfg. Co., Hannibal, Mo. "Pattern"  
 Eagle Foundry Co., Belleville, Ill. "Eagle"  
 Early Foundry Co., Dickson City, Pa. "Dickson"  
 Enterprise Fdry. Co., Belleville, Ill. "St. Clair"  
 Estate Stove Co., Hamilton, O. "Estate Heatrols"  
 Eureka Products Corp., O'Fallon, Ill. "Eureka"  
 Excelsior Stove & Mfg. Co., Quincy, Ill. "National"  
 Florence-Wehrle Stove Co., Newark, O.  
 Floyd-Weils Co., Royersford, Pa.  
 Foster Stove Co., Ironton, O. "Agate," "Foster's," "Maple"  
 Galusha Stove Co., Rochester, N. Y.  
 Gem City Stove Co., Dayton, O. "Clermont"  
 Germer Stove Co., Erie, Pa. "Radiant Home"  
 Glascock Stove & Mfg. Co., Greensboro, N. C. "Carolina Beauty," "Junior Beauty," "Pilot," "Victor"  
 Glenwood Range Co., Taunton, Mass.  
 Globe American Corp., Kokomo, Ind. "Dutch Oven," "Globe," "Glow-Maid"

# Carey

## ASPHALT and ASBESTOS PRODUCTS

CAREY Products . . . nationally known and advertised . . . backed by 67 years of manufacturing experience . . . are preferred because of their high quality and dependability. Their ready acceptance assures quick sales and extra profits for YOU. Order from nearest CAREY Branch—or write Dept. 66 for complete details.



### CORK-INSULATED SHINGLES

The asphalt shingle with outside mineral surface for weather protection—cork underside for insulation. Gives long-wearing roof and roof insulation, both for roof cost only.

### CAREY ASFALTSLATE SHINGLES

Individual and Strip



Made especially rugged to insure extra years of trouble-free service. A layer of colored mineral granules provides a beautiful and durable wearing surface. Large variety of colors.



### CAREY ROCKTEX ROCKWOOL HOME INSULATION



Reduces room temperature in summer; cuts fuel consumption in winter. Pays for itself. Will not shrink, rot or burn. Loose, granulated, pads, bats—to meet all installation conditions in old or new homes.

### CAREY FURNACE CEMENT

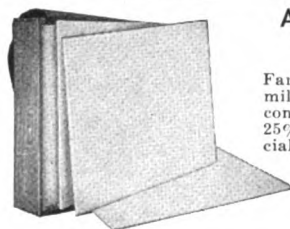
No. 20 Furnace Cement is a wet plastic refractory cement, ready for use. Furnished in 1-5-10-50-100 lb. cans.



### ASBESTOS MILLBOARD

With New Pin Point Finish

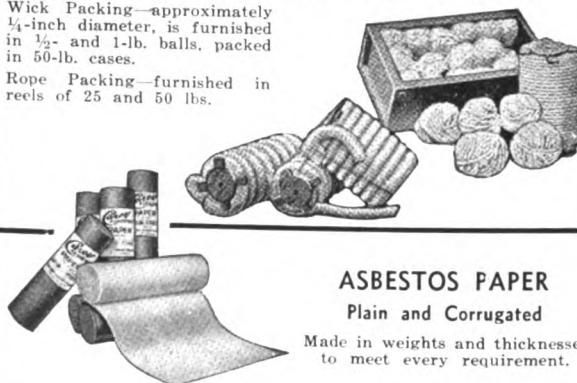
Far superior to the old, rough finish millboard, both as to quality and convenience in handling. Up to 25% lighter than ordinary commercial millboards. Uniform standard size sheets, 42 x 48 inches. Thicknesses from 1/32 to 1/2 inch. Two grades—medium and extra hard.



### ASBESTOS ROPE AND WICK PACKING

Wick Packing—approximately 1/4-inch diameter, is furnished in 1/2- and 1-lb. balls, packed in 50-lb. cases.

Rope Packing—furnished in reels of 25 and 50 lbs.



### ASBESTOS PAPER

Plain and Corrugated

Made in weights and thicknesses to meet every requirement.



### CAREYCLAD ROOF COATING

A super, asbestos-fibre Roof Coating, that sets new standards in durability and service. Lasts over 100% longer than ordinary roof coatings.

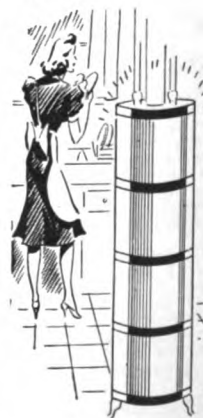
### CAREY NOAHS PITCH



A soft compound made of asbestos-fibre and water-proof oils. Stops leaks in outdoor surfaces easily, inexpensively. Hardens quickly, does not get brittle—extremely durable.

### CAREYCEL HOT WATER TANK JACKETS

Prevent excessive waste of heat through tank walls. Made of fireproof asbestos, in sizes to fit any standard tank. Easily installed. Inexpensive.



### ROLL ROOFINGS

A complete line of ready-to-lay Roll Roofings—to meet every need—from the smallest temporary shed to the more permanent building. Various weights and finishes . . . colorful mineral surfaced finishes, for use on buildings where appearance is important . . . other types in black finish, for jobs where protection is the prime consideration.



CAREY Asphalt Roofings are now manufactured under ASQU U. S. Patents, assuring uniformity of product, longer life and lower cost per year. Send for the ASQU Book.

**THE PHILIP CAREY COMPANY • Lockland, Cincinnati, Ohio**

Dependable Products Since 1873

BRANCHES IN PRINCIPAL CITIES

Mention Hardware Age When Writing

Digitized by Google

## RANGES, Coal (Continued)

Gohmann-Kahler Corp., New Albany, Ind. "Pointer"  
 Gray & Dudley Co., Nashville, Tenn. "George Washington"  
 Hammer-Bray Co., Ltd., Oakland, Cal. "Spark"  
 Hanks Stove & Range Co., Rome, Ga. "Alto," "Diamond," "Gem," "Goodyear," "Loyal," "Merit," "Model," "New South," "Novel," "Paragon," "Prince," "Supreme," "Sunset"  
 Hardwick Stove Co., Cleveland, Tenn. "Speed-Baker"  
 Hart Mfg. Co., Louisville, K. Y.  
 Hayes-Custer Stove & Furnace Co., Bloomington, Ill.  
 Indiana Stove Co., Indianapolis, Ind. "Model"  
 Hoosier Stove Co., Marion, Ind. "Century," "Daisy," "Grand," "Ideal," "Marvel," "Pearl," "Peerless," "Pride," "Prize," "Perfection," "Reliable," "Superior," "Wonder"  
 Hoensfeld Co., 2701 Spring Grove Av., Cincinnati, O. "Boss"  
 Huntington Stove & Foundry Co., Huntington, W. Va. "Sunlight"  
 Independence Stove & Furnace Co., Independence, Mo.  
 Indiana Stove Works, Evansville, Ind.  
 Indianapolis Stove Co., Indianapolis, Ind.  
 Jewett & Co., Buffalo, N. Y. "Jewett"  
 Jungers Stove & Range Co., Grafton, Wis. "Cameo"  
 Kalamazoo Stove Co., Kalamazoo, Mich.  
 Keeley Stove Co., Columbia, Pa. "Columbian"  
 Keystone Stove Foundry, Spring City, Pa. "Cable"  
 King Stove & Range Co., Sheffield, Ala. "Marco Pride," "Martin's De Luxe," "Martin's Royal"  
 Knox Stove Works, Knoxville, Tenn.  
 Kol-Ax Co., Inc., Stroudsburg, Pa. "Kol-Ax"  
 Lammers (W. J.) & Sons, Greenville, O. "Supreme"  
 Laurelton Fdry Co., Laurelton, Pa. "Mother's Range"  
 Leonard & Baker Stove Co., Taunton, Mass. "Barstow," "Glendale," "Fairmount"  
 Louisville Tin & Stove Co., Louisville, Ky. "Progress"  
 Majestic Mfg. Co., St. Louis, Mo. "Majestic"  
 Malleable Iron Range Co., Beaver Dam, Wis. "Monarch"  
 Malleable Steel Range Mfg. Co., South Bend, Ind. "South Bend Malleable"  
 March-Brownback Stove Co., Pottstown, Pa. "Apollo," "Canopy," "Globe"  
 Mascot Stove Co., Chattanooga, Tenn.  
 Moore Corp., Joliet, Ill. "Moore's"  
 Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill. "Vernola"  
 Oakland Foundry Co., Belleville, Ill.  
 Orbon Stove Co., Belleville, Ill. "Orbon"  
 Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
 Pittston Stove Co., Pittston, Pa.  
 Portland Stove Foundry Co., Portland, Me. "Atlantic," "Falmouth"  
 Portsmouth Stove & Range Co., Portsmouth, O.  
 Premier Stove Co., Belleville, Ill. "Premier"  
 Quakertown Stove Wks., Quakertown, Pa.  
 Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
 Reese Stove Co., Inc., Evansville, Ind. "Leader," "Reese"  
 Renown Stove Co., Owosso, Mich. "Empress," "Princess"  
 Richmond Stove Co., Richmond, Va. "Richmond"  
 Rock Island Stove Co., Rock Island, Ill.  
 Rockwood Stove Wks., Rockwood, Tenn. "Rockwood"  
 Round Oak Co., Dowagiac, Mich. "Arrow," "Royal," "Victor"  
 Schill Mfg. Co., Crestline, O.  
 Sheppard (Isaac A.) Co., Baltimore, Md.  
 Siegler Enamel Range Co., Centralia, Ill. "Royal Chef"  
 Somersworth Fdry. Co., Salmon Falls, N. H. "Standard"  
 Southern Co-operative Fdry. Co., Rome, Ga. "Champion," "Kitchen Comfort," "Supreme Comfort"  
 Southern Stove Wks., Richmond, Va. "Tin-Top"  
 Spear (James) Stove & Heater Co., 1823 Market, Phila., Pa. "Spear's"  
 Speece Barga Stove Co., Martins Ferry, O.  
 Stamford Foundry Co., 117 Canal, Stamford, Conn. "Stamford"  
 Standard Stove & Range Co., Rome, Ga. "Classic," "High Class," "Premier"  
 Steiger & Kerr Stove & Fdry Co., San Francisco, Cal. "Occidental"  
 Taplin Rice-Clerkin Co., Akron, O. "Climax"  
 Tappan Stove Co., Mansfield, O.  
 Tennessee Stove Wks., Chattanooga, Tenn.  
 Thatcher Co., 39 St. Francis, Newark, N. J. "Thatcher"  
 Thomas (Oscar G.) Co., Taunton, Mass. "Herald," "Oakland"  
 Union Mfg. Co., Inc., Boyertown, Pa. "Berks Choice," "Leader," "Penn Esther"  
 Union Stove Wks., 70 Beekman, New York, N. Y.  
 United States Stove Co., South Pittsburg, Tenn. "Atlantic," "Avalon," "Baltic," "Belair," "Walnut"  
 Volunteer Stove Works, Nashville, Tenn. "Volco"  
 Walker & Pratt Mfg. Co., Boston, Mass. "Crawford"  
 Washington Stove Wks., Everett, Wash. "Olympic"  
 Westkittel (A.) & Son Co., Baltimore, Md.  
 White-Warner Co., Taunton, Mass. "Household," "Quaker"  
 Woods Everts Stove Co., Springfield, Mo. "Grainiron"  
 Wright Iron Range Co., St. Louis, Mo. "Home Comfort"

## RANGES, Coal and Electric, Combination

Andes Range & Furnace Corp., Geneva, N. Y. "Andes"  
 Comstock Castle Stove Co., 731 S. Front, Quincy, Ill. "Economy"

Globe American Corp., Kokomo, Ind. "Dutch Oven"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H"  
 Malleable Iron Range Co., Beaver Dam, Wis. "Monarch"  
 Renown Stove Co., Owosso, Mich. "Duallectric"  
 Round Oak Co., Dowagiac, Mich.  
 Westinghouse Electric & Mfg. Co., Mansfield, O.

## RANGES, Coal and Gas, Combination

Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"  
 Allen Mfg. Co., Nashville, Tenn. "Allen's"  
 Althoff (L. A.) Corp., 165 N. Clinton, Chicago, Ill.  
 American Stove Co., 825 Chouteau Av., St. Louis, Mo. "Magic Chef," "Quick Meal"  
 Andes Range & Furnace Corp., Geneva, N. Y. "Andes"  
 Barstow Stove Co., Providence, R. I.  
 Buffalo Co-operative Stove Co., Buffalo, N. Y. "Amherst"  
 Caloric Gas Stove Wks., Trenton Av. & Tioga, Phila., Pa. "Caloric"  
 Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
 Cribben & Sexton Co., Chicago, Ill. "Universal"  
 Crown Stove Wks., 4632 W. 12th Pl., Chicago, Ill.  
 Detroit-Michigan Stove Co., Detroit, Mich. "Garland," "Jewel," "Laurel"  
 Eagle Fdry. Co., Belleville, Ill. "Eagle"  
 Early Foundry Co., Dickson City, Pa. "Dickson"  
 Enterprise Fdry. Co., Belleville, Ill. "St. Clair"  
 Excelsior Stove & Mfg. Co., Quincy, Ill.  
 Florence-Wehrle Stove Co., Newark, O.  
 Floyd-Wells Co., Royersford, Pa. "Bengal"  
 Foster Stove Co., Ironton, O.  
 Glenwood Range Co., Taunton, Mass. "Glenwood"  
 Globe American Corp., Kokomo, Ind.  
 Gray & Dudley Co., Nashville, Tenn. "Washington"  
 Hammer-Bray Co., Oakland, Cal. "Spark"  
 Howes (S. M.) Co., Boston, Mass.  
 Jewett & Co., Military Rd., Buffalo, N. Y. "Jewett"  
 Kalamazoo Stove Co., Kalamazoo, Mich.  
 Keeley Stove Co., Columbia, Pa. "Columbian"  
 Knox Stove Wks., Knoxville, Tenn.  
 Lammers (W. J.) & Sons, Greenville, O. "Supreme"  
 Majestic Mfg. Co., St. Louis, Mo. "Majestic"  
 Malleable Iron Range Co., Beaver Dam, Wis. "Paramount"  
 March-Brownback Stove Co., Pottstown, Pa. "Apollo"  
 Mascot Stove Co., Chattanooga, Tenn.  
 Moore Corp., Joliet, Ill. "Moore's"  
 Orbon Stove Co., Belleville, Ill.  
 Original Enamel Range Co., Belleville, Ill. "Original"  
 Pittston Stove Co., Pittston, Pa. "Happy Thought"  
 Premier Stove Co., Belleville, Ill. "Premier"  
 Prizer-Painter Stove Co., Reading, Pa.  
 Quakertown Stove Wks., Quakertown, Pa. "Beechwood"  
 Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
 Reading Stove Wks., Royersford, Pa. "Sunshine"  
 Renown Stove Co., Owosso, Mich. "Count," "Countess"  
 Rock Island Stove Co., Rock Island, Ill. "River-side," "Roval"  
 Round Oak Co., Dowagiac, Mich.  
 Sheppard (Isaac A.) Co., Phila., Pa.  
 Siegler Enamel Range Co., Centralia, Ill. "Royal Chef"  
 Somersworth Fdry. Co., Salmon Falls, N. H. "Standard"  
 Somerville Stove Wks., Somerville, N. J. "Service"  
 Stamford Foundry Co., 117 Canal, Stamford, Conn. "Stamford"  
 Tinnerman Stove & Range Co., Cleveland, O. "Tinnerman"  
 Union Mfg. Co., Inc., Boyertown, Pa. "Penn Serv-All"  
 United States Stove Co., South Pittsburg, Tenn. "Balfour," "Capepod," "Newport," "Tudor"  
 Volunteer Stove Works, Nashville, Tenn. "Volco"

## RANGES, Electric

A-B Stove Co., Battle Creek, Mich.  
 American Gas Machine Co., Inc., Albert Lea, Minn.  
 Armstrong Products Corp., Huntington, W. Va.  
 Benjamin Electric Mfg. Co., Des Plaines, Ill. "Crysteel"  
 Crosley Corp., 1329 Arlington, Cincinnati, O.  
 Crown Stove Wks., 4622 W. 12th, Chicago, Ill. "Southwood"  
 Detroit-Michigan Stove Co., Detroit, Mich. "Garland," "Jewel"  
 Detroit Vapor Stove Div. Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "White Star"  
 Eagle Foundry Co., Belleville, Ill. "Barrett," "Eagle," "Midland"  
 Edison General Electric Appliance Co., Inc., 5500 W. Taylor, Chicago, Ill. "Hotpoint"  
 Electrical Manufacturers, Inc., Alliance, O. "Countess"  
 Electromaster, Inc., Detroit, Mich. "Electrochef," "Waldorf"  
 Estate Stove Co., Hamilton, O. "Estate"  
 Florence Stove Co., Gardner, Mass. "Florence"  
 Frigidaire Div. General Motors Sales Corp., Dayton, O. "Frigidaire"  
 General Electric Co., Nela Park, Cleveland, O. "GE"  
 Gibson Electric Refrigerator Corp., Greenville, Mich. "Gibson"  
 Gray & Dudley Co., Nashville, Tenn. "Washington"

Landers, Frary & Clark, New Britain, Conn. "Universal" (Combination Utensil Cabinet)  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H"  
 Mabey Electric & Mfg. Co., Peoria, Ill. "Hot Quick"  
 Malleable Iron Range Co., Beaver Dam, Wis. "Monarch"  
 Metal Ware Corp., Two Rivers, Wis. "Empire"  
 Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich. "Kelvinator"  
 National Stamping & Electric Wks., Chicago, Ill. "White Cross"  
 Norge Div. Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Norge"  
 Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
 Roberts & Mander Stove Co., 237 Jacksonville Rd. Hatboro, Pa. "Quality"  
 Round Oak Co., Dowagiac, Mich. "Seminole"  
 Rutenber Electric Co., Marion, Ind. "Marion"  
 Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, O. "Chief," "Hiawatha," "Mercury," "Olympian," "Streamline," "Super Chief," "Zephyr"  
 Stewart-Warner Corp., 1828 Diversey Pkway., Chicago, Ill. "Sav-A-Step"  
 Swartzbaugh Mfg. Co., Toledo, O. "Everhot"  
 Volunteer Stove Works, Nashville, Tenn. "Volco"  
 Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass. "Crawford"  
 Westinghouse Electric & Mfg. Co., Mansfield, O. "Dual-Automatic," "Flavor Zone"  
 Woolwine Metal Products Co., Atlantic Bldg., Los Angeles, Cal. "Woolwine"

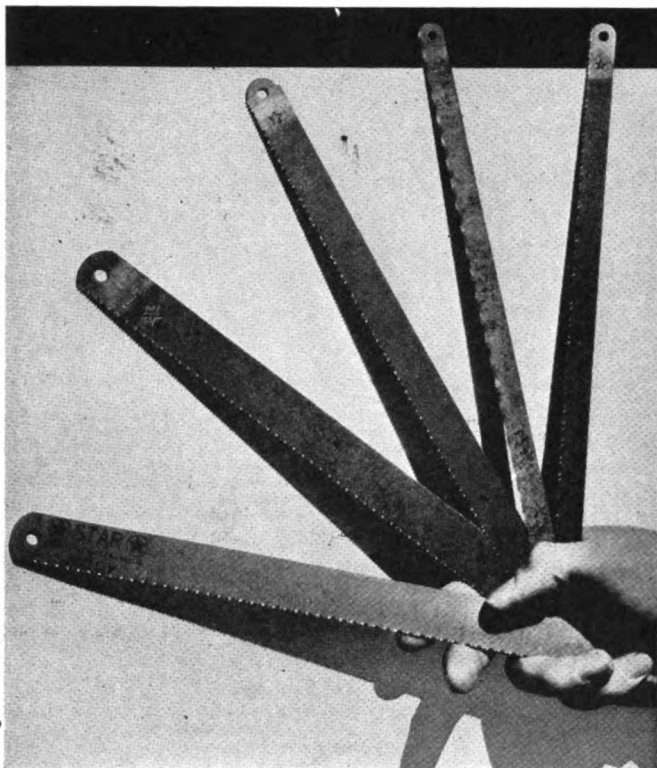
## RANGES, Electric, Portable

Eureka Vacuum Clearer Co., 6060 Hamilton Av., Detroit, Mich. "Eureka"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"

## RANGES, Gas

A-B Stove Co., Battle Creek, Mich. "Battleship"  
 A. & J. Mfg. Co., Gadsden, Ala. "A. & J."  
 Advance Stove Wks., Evansville, Ind. "Advance"  
 Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"  
 Althoff (L. A.) Corp., 165 N. Clinton, Chicago, Ill.  
 American Gas Products Corp., Chrysler Bldg., New York, N. Y.  
 American Stove Co., 825 Chouteau Av., St. Louis, Mo. "Magic Chef"  
 Anderson Stove Co., Anderson, Ind. "Great States"  
 Andes Range & Furnace Corp., Geneva, N. Y. "Andes"  
 Athens Stove Wks., Inc., Athens, Tenn. "Vesta"  
 Bards (E. H.) Range & Foundry Co., Cincinnati, O.  
 Barstow Stove Co., Providence, R. I.  
 Bellairs Stove Co., Bellaire, O. "Star"  
 Birmingham Stove & Range Co., Birmingham, Ala. "Majikbaker," "Red Mountain"  
 Buffalo Co-operative Stove Co., Amherst & Tonawanda Sts., Buffalo, N. Y. "Amberst"  
 Caloric Gas Stove Wks., Trenton Av. & Tioga, Phila., Pa. "Caloric"  
 Century Specialty Co., Johnstown, Pa. "Century," "Century"  
 Chambers Corp., Shelbyville, Ind. "Countess," "Duchess," "Lady," "Martha Washington," "Vogue"  
 Charter Oak Stove & Range Co., St. Louis, Mo. "Oak"  
 Cleveland Co-operative Stove Co., 2823 E. 67th, Cleveland, O. "Grand," "Sherman"  
 Cole Mfg. Co., Chicago, Ill.  
 Colonial Stove Co., 2154 E. Somerset, Phila., Pa.  
 Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
 Continental Stove Corp., Ironton, O. "Continental"  
 Cribben & Sexton Co., Chicago, Ill. "Universal"  
 Crosley Corp., 1329 Arlington, Cincinnati, O.  
 Crown Stove Wks., 4632 W. 12th Pl., Chicago, Ill. "Crown"  
 Danville Stove & Mfg. Co., Danville, Pa.  
 Detroit-Michigan Stove Co., Detroit, Mich. "Detroit Jewel," "Garland"  
 Detroit Vapor Stove Div. Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Detroit Star," "La Salle," "Star," "White Star"  
 Dixie Foundry Co., Cleveland, Tenn. "Challenger," "Cherokee"  
 Eagle Foundry Co., Belleville, Ill. "Eagle," "Great States"  
 Enterprise Fdry. Co., Belleville, Ill. "St. Clair"  
 Estate Stove Co., Hamilton, O. "Estate"  
 Eureka Products Corp., O'Fallon, Ill. "Eureka"  
 Excelsior Stove & Mfg. Co., Quincy, Ill. "National"  
 Florence Stove Co., Gardner, Mass. "Florence"  
 Florence-Wehrle Stove Co., Newark, O.  
 Floyd-Wells Co., Royersford, Pa. "Bengal"  
 Foster Stove Co., Ironton, O.  
 Gem City Stove Mfg. Co., Quincy, Ill.  
 Germer Stove Co., Erie, Pa. "Radiant Home"  
 Glenwood Range Co., Taunton, Mass. "Glenwood"  
 Globe American Corp., Kokomo, Ind. "Dutch Oven"  
 Gray & Dudley Co., Nashville, Tenn. "Frogil," "Sussex," "Washington"  
 Hammer-Bray Co., Oakland, Cal. "Artcraft," "Spark"  
 Hardwick Stove Co., Cleveland, Tenn.  
 Hayes-Custer Stove & Furnace Co., Bloomington, Ill. "Normal" (Pressure Gas)  
 Herd-Bailey Co., Ardmore, Okla. "Brooks"  
 Home Stove Co., Indianapolis, Ind. "Model"  
 Howes (S. M.) Co., Boston, Mass.  
 Iron City Stove & Foundry Co., Bristol, Va.  
 Ironton Stove & Mfg. Co., Front & Walnut, Ironton, O.





#### STAR ALL HARD Tungsten Hand Blades

For the skilled mechanic for use on exceptionally hard material. Also STAR Hard-Edge Flex-Back Blades.

#### STAR Tungsten SPECIAL FLEXIBLE Hand Blades

Correctly designed and tempered for use by garagemen, electricians, plumbers, structural steel workers and auto body makers.

#### STAR LIGHT POWER Tungsten Machine Blades

For heavy hand frame and light power machine work for cutting iron pipe, bronze, copper, wrought iron, copper tubing, thin metals, light angle iron.

#### STAR Rail Blades For Cutting High Carbon Rails

(STAR Hand Blades are packed in modern metal boxes)

**CLEMSON BROS. INC., Middletown, N. Y.**



#### STAR HEAVY POWER Machine Blades

For cutting large solid stock, heavy cast iron, machinery steel, soft steel, iron pipe, steel rails, heavy angle iron, bronze, brass, tool steel, steel tubing, light angle iron, etc.

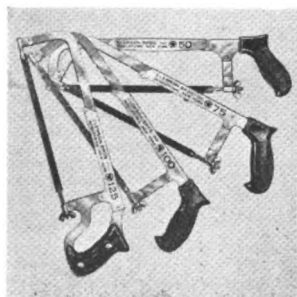
#### STAR "MOLY" HAND BLADES STAR "MOLY" POWER BLADES

STAR "MOLY" are the pioneer and original Molybdenum Hack Saw Blades. Insist on the Bronze Blades. They are stamped "MOLY." For cutting all types and shapes of stock.

#### STAR Hack Saw Frames

Finely finished in four types to fit all sizes of blades and types of work.

#### ALSO FLEXIBLE BACK METAL CUTTING BAND SAWS



615

# CLARK *Bolts and Nuts*



MACHINE BOLTS  
CARRIAGE BOLTS  
PLOW BOLTS  
COACH AND LAG  
SCREWS



SPRING CENTER  
BOLTS  
ELEVATOR BOLTS  
SET SCREWS  
CAP SCREWS



HEXAGON NUTS  
THUMB NUTS  
SPECIAL BOLTS

*Top-most*  
**QUALITY**

Since 1854



When you stock and sell THE CLARK LINE you have the assurance that you are giving your trade full quality value that will give complete satisfaction.

Permit us to quote

Clark Bros. Bolt Co.  
Milledale, Conn.



# CLARK *Screws and Rivets*

## RANGES, Gas (Continued)

Jewett & Co., Military Rd., Buffalo, N. Y. "Jewett"  
Kalamazoo Stove Co., Kalamazoo, Mich. "De Luxe"  
Karr Range Co., Belleville, Ill.  
Keystone Stove Foundry, Spring City, Pa.  
Liberty Range Wks., Nashville, Tenn.  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L. & H."  
Majestic Mfg. Co., St. Louis, Mo. "Super Service"  
Malleable Iron Range Co., Beaver Dam, Wis. "Paramount"  
Malleable Steel Range Mfg. Co., South Bend, Ind. "South Bend Malleable"  
Miller (Wm.) Range & Furnace Co., Cincinnati, O.  
Moore Bros. Co., Joliet, Ill. "Moore's"  
Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill. "Vernon's"  
Naylor Bros., Peekskill, N. Y.  
Norge Div. Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Norge"  
Noyes & Nutter Mfg. Co., Bangor, Me.  
Oakland Foundry Co., Belleville, Ill. "Oakland"  
Odin Stove Mfg. Co., Erie, Pa. "Beauty"  
Orbon Stove Co., Belleville, Ill.  
Pennsylvania Furnace & Stove Co., Warren, Pa.  
Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
Pittston Stove Co., Pittston, Pa. "Happy Thought," "Lehigh"  
Portland Stove Fdry. Co., Portland, Me.  
Portsmouth Stove & Range Co., Portsmouth, O.  
Premier Stove Co., Belleville, Ill. "Premier"  
Quad Stove Mfg. Co., Columbus, O.  
Queen Stove Wks., Inc., Albert Lea, Minn.  
Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
Renown Stove Co., Owosso, Mich. "Renown," "Waldorf Regal"  
Reznor Mfg. Co., Mercer, Pa.  
Roberts & Mander Stove Co., 237 Jacksonville Rd., Hatboro, Pa. "Quality"  
Rock Island Stove Co., Rock Island, Ill. "June"  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Round Oak Co., Dowagiac, Mich. "Chief," "Pawpaw," "Troquois," "Mohawk," "Seneca," "Sioux," "Whitehawk"  
Sexton (S. B.) Stove & Mfg. Co., Baltimore, Md.  
Sheppard (Isaac A.) Co., Baltimore, Md. "Imperial Excelsior"  
Sieglar Enamel Range Co., Centralia, Ill. "Royal Chef"  
Somerville Stove Wks., Somerville, N. J. "Service"  
Spence-Baggs Stove Co., Martins Ferry, O.  
Stamford Foundry Co., 117 Canal, Stamford, Conn. "Stamford"  
Standard Gas Equipment Corp., Bayard & Hamburg, Baltimore, Md. "Acorn," "Oriole," "Smooth-top," "Vulcan"  
Stewart-Warner Corp., 1828 Diversey Pkwy., Chicago, Ill. "Sav-A-Step"  
Stove & Range Co. of Pittsburgh, Preble Av., Pittsburgh, Pa.  
Sun Ray Stove Co., Delaware, O.  
Taplin, Rice, Clerkin Co., Akron, O.  
Tappan Stove Co., Mansfield, O.  
Tennessee Stove Wks., Chattanooga, Tenn.  
Thomas (Oscar G.) Co., Taunton, Mass.  
Toledo Stove & Range Co., Toledo, O.  
Union Mfg. Co., Inc., Boyertown, Pa. "Umco"  
Union Stove Wks., 70 Beekman, New York, N.Y. "Astor"  
Victor Stove Co., Salem, O.  
Volunteer Stove Works, Nashville, Tenn. "Volco"  
Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass. "Crawford"  
Waterman (Henry) & Bro., 811 E. 9th, New York, N. Y. "Home Pride"  
Wehrle Co., Newark, O.  
Weir Stove Co., Taunton, Mass. "Glenwood"  
Weiskittel (A.) & Son Co., Baltimore, Md. "Fire King"  
Weiskittel (Harry C.) Co., Inc., Baltimore, Md.  
Weilbitt Appliance Corp., 5718 Flushing Av., Mass-peth, L. I., N. Y. "Equi-Thermal," "Montclair," "Weilbitt"  
White (Thos.) Stove Co., Quincy, Ill. "Bacon"  
White-Warner Co., Taunton, Mass. "Household"  
Wincroft Stove Wks., Middletown, Pa.

## RANGES, Gas and Oil, Combination

Allen Mfg. Co., Nashville, Tenn. "Allen's"  
Caloric Gas Stove Wks., Trenton Av. & Tioga, Phila., Pa. "Caloric"  
Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
Early Fdry. Co., Dickson City, Pa. "Dickson"  
Excelsior Stove & Mfg. Co., Quincy, Ill.  
Florence Stove Co., Gardner, Mass. "Florence"  
Moore Corp., Joliet, Ill. "Moore's"  
Odin Stove Mfg. Co., Erie, Pa. "Beauty"  
Original Enamel Range Co., Belleville, Ill. "Original"  
Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
United States Stove Co., So. Pittsburg, Tenn.

## RANGES, Gasoline

(See also Stoves, Gasoline)  
Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"  
American Gas Machine Co., Inc., Albert Lea, Minn. "American," "Kitchenkook"  
Coleman Lamp & Stove Co., Wichita, Kan. "Coleman"  
Florence-Wehrle Stove Co., Newark, O.  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "Kerogas"  
Prestiss Wabers Products Co., Wisconsin Rapids, Wis. "Preway"  
Queen Stove Works, Inc., Albert Lea, Minn. "Queen"

## RANGES, Hotel and Restaurant

Agas Stove Co., 19 E. 47th, New York, N. Y. "Agas"  
Chambers Corp., Shelbyville, Ind. "Imperial"  
Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
Copper Clad Malleable Range Co., St. Louis, Mo. "Queen"  
Detroit-Michigan Stove Co., Detroit, Mich. "Detroit Jewel," "Garland," "Laurel"  
Estate Stove Co., Hamilton, O. "Estate"  
Excelsior Stove & Mfg. Co., Quincy, Ill. "National"  
Kol-Ax Co., Inc., Stroudsburg, Pa. "Kol-Ax"  
Majestic Mfg. Co., St. Louis, Mo. "Majestic," "Smokeater"  
Malleable Iron Range Co., Beaver Dam, Wis. "Monarch"  
Malleable Steel Range Mfg. Co., South Bend, Ind. "South Bend Malleable"  
Pittston Stove Co., Pittston, Pa. "Lehigh"  
Renown Stove Co., Owosso, Mich. "Regal," "Renown"  
Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
Spear (James) Stove & Heater Co., 1823 Market, Phila., Pa. "Spear's"  
Stamford Foundry Co., 117 Canal, Stamford, Conn. "Stamford"  
Standard Gas Equipment Corp., 18 E. 41st, New York, N. Y. "Vulcan"  
United States Stove Co., South Pittsburg, Tenn. "Imperial," "Tenn"

## RANGES, Kerosene

(See also Stoves, Gasoline)

Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"  
American Stove Co., Lorain Div., 1200 Long Av., Lorain, O. "Quick Meal"  
Florence Stove Co., Gardner, Mass. "Florence," "Gardner"  
Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Ace," "Boss," "Prize," "Royal"  
Leonard & Baker Stove Co., Taunton, Mass.  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "Everite," "Kerogas," "Premier"  
Majestic Mfg. Co., St. Louis, Mo. "Majestic"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco," "Super-De Luxe," "Tropical"  
Orbon Stove Co., Belleville, Ill. "Orbon"  
Perfection Stove Co., Inc., 7666 C Platt Av., Cleveland, O. "Ivanhoe," "Perfection," "Puritan"  
Premier Stove Co., Belleville, Ill. "Premier"  
Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
Renown Stove Co., Owosso, Mich. "Renown"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Radius" (Swedish Pressure)  
United Stove Co., Ypsilanti, Mich. "Savoi"

## RANGES, Oil Burning

Allen Mfg. Co., Inc., Nashville, Tenn. "Thrif-Kook"  
Duo-Therm Div. Motor Wheel Corp., Lansing, Mich. "Duo-Therm"  
Excelsior Stove & Mfg. Co., Quincy, Ill.  
Globe American Corp., Kokomo, Ind. "Dutch Oven"  
Gray & Dudley Co., Nashville, Tenn. "Washington"  
International Oil Burning Co., Inc., Spring & Park Aves., St. Louis, Mo.  
Jungers Stove & Range Co., Grafton, Wis. "Disto"  
Leonard & Baker Stove Co., Taunton, Mass. "Kitchenette," "Miracle"  
Malleable Iron Range Co., Beaver Dam, Wis. "Monarch"  
Quaker Mfg. Co., 221 W. Erie, Chicago, Ill. "Quaker Burnoil"  
Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
Radiant Products, Inc., 109 Radiant Bldg., Akron, O. "Radiant"  
Round Oak Co., Dowagiac, Mich. "Royal," "Royal Buffet"  
Samuel Stamping & Enameling Co., Chattanooga, Tenn. "Samco Oil-Bake"  
Stamford Foundry Co., 117 Canal, Stamford, Conn. "Shipmate," "Stamford"  
United States Stove Co., So. Pittsburg, Tenn.  
RAPID FIRE and AUTOMATIC GUNS, Toy—See Guns. Automatic and Rapid Fire, Toy  
RASPS—See Files  
RAT EXTERMINATORS—See Exterminators, Rat and Mice  
RAT TAIL FILES—See Files and Rasps  
RAT TRAPS—See Traps, Rat  
RATCHET DRILLS—See Drills, Ratchet  
RATCHET SCREW DRIVERS—See Screw Drivers, Ratchet  
RATCHET WRENCHES—See Wrenches, Ratchet

## RATCHETS, Fence

Cyclone Fence Co., Waukegan, Ill.  
Standard Fence Co., Oakland, Cal.  
Sterling Foundry Co., Sterling, Ill. "Best"  
Wrightsville Hdw. Co., Wrightsville, Pa. "Brighton"  
RATTAN BROOMS—See Brooms, Rattan  
RAWHIDE HAMMERS—See Hammers, Rawhide  
RAWHIDE MALLETS—See Mallets, Rawhide  
RAWHIDE PACKING—See Packing, Rawhide  
RAWHIDE SHOE LACES—See Laces, Shoe, Rawhide

## RAWPLUGS

Rawplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawplug"  
RAZOR BLADE KNIVES—See Knives, Razor Blade  
RAZOR BLADE PLANES—See Planes, Razor Blade

RAZOR BLADE SCRAPERS—See Scrapers, Paint  
RAZOR BLADE SHARPENERS—See Sharpeners, Razor Blade; also Sharpeners, Razor Blade, Electric

RAZOR BLADES—See Blades, Safety Razor

RAZOR HONES—See Hones, Razor

RAZOR SHARPENERS—See Sharpeners, Razor Blade; also Sharpeners, Razor Blade, Electric

RAZOR STROPS—See Strops, Razor

## RAZORS, Corn

American Safety Razor Corp., 383 Jay, B'klyn, N.Y. "Parex"  
Clausen Shear Co., Fremont, O.  
Henkel Co., Fremont, O.  
Kahn (Edgar E.), Inc., 20 W. 22nd, New York, N. Y. "Anticor"  
Schnefel Bros., 684 S. 17th, Newark, N. J. "La Cross"  
Torrey (J. R.) Razor Co., Worcester, Mass.

RAZORS, Dry, Electric—See Shavers, Dry, Electric

## RAZORS, Safety

Allbright Electric Corp., 119 W. 24th, New York, N. Y. "Razor-Lite"  
American Safety Razor Corp., 383 Jay, B'klyn, N. Y. "Ever Ready," "Gem," "Star"  
Big Four Razor Co., 402 W. 14th, New York, N. Y. "Big 4"  
Christy Sales Co., Fremont, O.  
Conrad Razor Blade Co., 36th & 47th Av., Long Island City, N. Y.  
Crater Razor Co., Constantine, Mich.  
Durham-Duplex Razor Co., Mystic, Conn. "Durham-Duplex," "Enders Speed"  
Gem Safety Razor Corp., 62 Lawrence, B'klyn, N.Y.  
Gillette Safety Razor Co., 15 W. 1st, Boston, Mass. "Algonquin," "Aristocrat De Luxe One Piece," "Big Fellow," "Blue Gold Special," "Bostonian," "Cavalier," "Chesterfield," "Chippendale," "Gillette," "Gillette Special," "Milady Decolletee," "Red & Black," "Roman," "Senator One Piece," "Sheraton One Piece," "Tech," "Valet Autostrop"  
Henkel Co., Fremont, O.  
International Safety Razor Corp., Locust Av., Bloomfield, N. J. "Bryford," "Fax," "Liberty," "Mirak," "Sha-Ve-Zee," "Speedway"  
King Razor Co., Providence, R. I. "King"  
Magazine Repeating Razor Co., 230 Park Av., "Schick," "Schick Injector"  
Miller & Robinson Mfg. Co., 1140 B'way, New York, N. Y.  
Rolls Razor, Inc., 342 Madison Av., New York, N. Y. "Rolls"  
Schermack-Thompson Co., 1164 W. Baltimore, Detroit, Mich. "Shermac"  
Segal Safety Razor Corp., 396 B'way, New York, N. Y.  
Torrey (J. R.) Razor Co., Worcester, Mass.  
Union Cutlery Co., Olean, N. Y. "Ka-Bar"  
Weck (Edward) & Co., Inc., 185 Johnson, B'klyn, N. Y. "Sextoblade," "Weck Bantam"

## RAZORS, Straight Edge

Durham-Duplex Razor Co., Mystic, Conn. "Special"  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Rodgers" (British)  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Heljestrand" (Swedish)  
Torrey (J. R.) Razor Co., Worcester, Mass. "Barber," "Old English," "Our Beauty"  
Union Cutlery Co., Olean, N. Y. "Gold Coin," "Ka-Bar," "O-Bak," "Ohlum," "Spike"

## REACHERS or LONGARMS

Pedersen (J.) Mfg. Co., Bridgeport, Conn. "Grab All"  
Perfection Co., Merchandise Mart, Chicago, Ill.

READING BOARDS—See Boards, Spelling, Counting, Reading, Etc.

READY MIXED PAINTS—See Paints, Ready Mixed

REAMER BITS—See Reamers, Bit Brace

REAMER TAPS—See Taps, Drill and Reamer

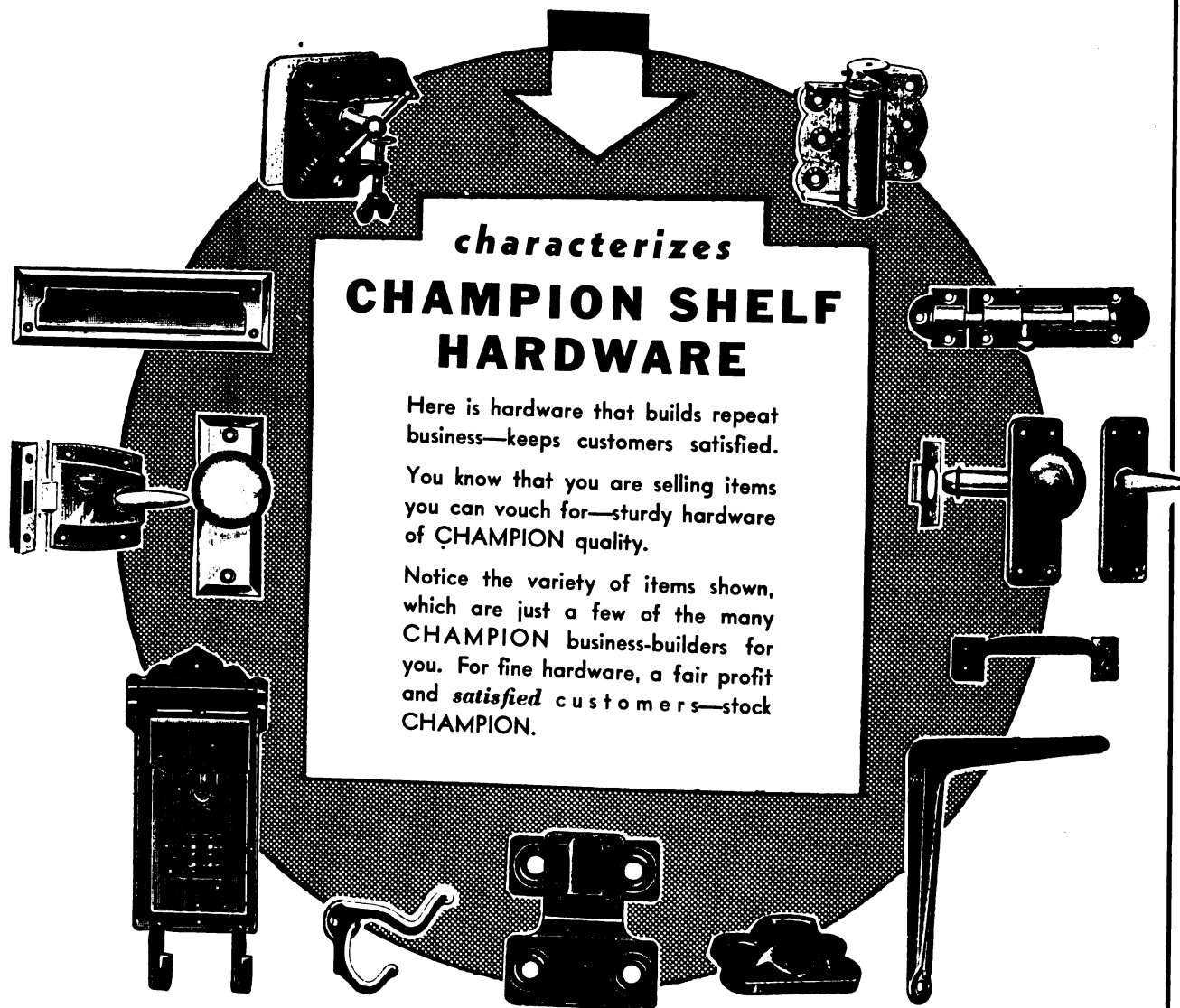
REAMERS—See article desired

## REAMERS, Adjustable

(See also Reamers, Expansion)

Alvord-Polk Tool Co., Millersburg, Pa.  
Butterfield & Co., Div., Union Twist Drill Co., Derby Line, Vt.  
Chadwick & Trefethen, Portsmouth, N. H.  
Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O. "Paradox," "Quick-Set"  
Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Cartool"  
Gisholt Mach. Co., Madison, Wis.  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D," "Reamrite"  
Keystone Reamer & Tool Co., Millersburg, Pa.  
McCrosky Tool Corp., Meadville, Pa.  
Morse Twist Drill & Mach. Co., New Bedford, Mass. "One Lock"  
Pratt & Whitney Co., Hartford, Conn.  
Schellenbach-Hunt Tool Co., Cincinnati, O. "Universal"  
Sheffield Mach. & Tool Co., Dayton, O.  
Standard Tool Co., Cleveland, O.  
Taft-Pierce Mfg. Co., Woonsocket, R. I.  
Union Twist Drill Co., Athol, Mass.  
Watervliet Tool Co., Inc., Albany, N. Y.  
Whitman & Barnes, Inc., Detroit, Mich.

## ALL-AROUND DEPENDABILITY



*characterizes*  
**CHAMPION SHELF  
HARDWARE**

Here is hardware that builds repeat business—keeps customers satisfied.

You know that you are selling items you can vouch for—sturdy hardware of CHAMPION quality.

Notice the variety of items shown, which are just a few of the many CHAMPION business-builders for you. For fine hardware, a fair profit and *satisfied* customers—stock CHAMPION.

You can have the complete CHAMPION line at your fingertips. Send for the new CHAMPION catalog of shelf and builders' hardware, or ask your jobber.

# THE CHAMPION HARDWARE co.

GENEVA, OHIO

51 MURRAY ST. — NEW YORK, N. Y.

Mention Hardware Age When Writing

Digitized by Google



**REAMERS, Bit Brace**

Alvord-Polk Tool Co., Millersburg, Pa.  
 Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong" (Pipe)  
 Brubaker (W. L.) & Bros. Co., Millersburg, Pa.  
 Butterfield & Co., Div., Union Twist Drill Co., Derby Line, Vt.  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
 Greenlee Tool Co., Rockford, Ill.  
 Hood Bros., Inc., 4336 Orchard, Phila., Pa.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 Plumb Tool Co., Los Angeles, Cal.  
 Pratt & Whitney Co., Hartford, Conn.  
 Standard Tool Co., Cleveland, O.  
 Storz (John) & Son, 210 Vine, Phila., Pa.  
 Tork Mfg. Co., Brockton, Mass.  
 Union Twist Drill Co., Athol, Mass.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill. "V. & B."  
 Vermont Tap & Die Corp., Lyndonville, Vt. "Vermont"  
 Whitman & Barnes, Inc., Detroit, Mich.

**REAMERS, Center**

Butterfield & Co., Div., Union Twist Drill Co., Derby Line, Vt.  
 Card (S. W.) Mfg. Co., Div., Union Twist Drill Co., Mansfield, Mass.  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
 Keystone Reamer & Tool Co., Millersburg, Pa.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 Pratt & Whitney Co., Hartford, Conn.  
 Standard Tool Co., Cleveland, O.  
 Swan (James) Co., Seymour, Conn.  
 Union Twist Drill Co., Athol, Mass.  
 Whitman & Barnes, Inc., Detroit, Mich.

**REAMERS, Expansion**

(See also Reamers, Adjustable)  
 Alvord-Polk Tool Co., Millersburg, Pa.  
 Chadwick & Trefethen, Portsmouth, N. H. "Critchley's"  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O. "Common Sense"  
 Conant & Donelson Div. of Mayhew Steel Products, Inc., Conway, Mass. "Reliable"  
 Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
 Gisholt Mach. Co., Madison, Wis.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
 Keystone Reamer & Tool Co., Millersburg, Pa.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 McCroskey Reamer Co., Meadville, Pa.  
 Millersburg Reamer & Tool Co., Millersburg, Pa. "Smooth-Kut"  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 New Britain Tool & Mfg. Co., New Britain, Conn.  
 Pratt & Whitney Co., Hartford, Conn.  
 Schellenbach-Hunt Tool Co., Cincinnati, O. "Acme"  
 Standard Tool Co., Cleveland, O.  
 Taft-Pierce Mfg. Co., Woonsocket, R. I.  
 Union Twist Drill Co., Athol, Mass.  
 Y-doe-Peterson Co., Quincy, Mass.  
 Watervliet Tool Co., Inc., Albany, N. Y.  
 Whitman & Barnes, Inc., Detroit, Mich.

**REAMERS, Hand**

Alvord-Polk Tool Co., Millersburg, Pa.  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Radio-Lectric"  
 Brubaker (W. L.) & Bros. Co., Millersburg, Pa.  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.  
 Conant & Donelson Div. of Mayhew Steel Products, Inc., Conway, Mass. "Reliable"  
 Deuse, E. W., Chester, Conn.  
 Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
 Gisholt Mach. Co., Madison, Wis.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
 Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
 Illinois Tool Wks., Chicago, Ill.  
 Keystone Reamer & Tool Co., Millersburg, Pa.  
 Kilborn & Bishop Co., New Haven, Conn. "Green Line"  
 McCroskey Tool Corp., Meadville, Pa.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 Plumb Tool Mfg. Co., Los Angeles, Cal.  
 Pratt & Whitney Co., Hartford, Conn.  
 Standard Tool Co., Cleveland, O.  
 Taft-Pierce Mfg. Co., Woonsocket, R. I.  
 Union Twist Drill Co., Athol, Mass.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Whitman & Barnes, Inc., Detroit, Mich.  
**REAMERS, Pipe**—See Taps and Reamers, Pipe

**REAMERS, Taper**

Alvord-Polk Tool Co., Millersburg, Pa.  
 Brown & Sharpe Mfg. Co., Providence, R. I. "Standard"  
 Brubaker (W. L.) & Bros., Millersburg, Pa.  
 Buck Bros., Millbury, Mass.  
 Butterfield & Co., Div., Union Twist Drill Co., Derby Line, Vt.  
 Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O. "Spirax"  
 Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
 Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
 Keystone Reamer & Tool Co., Millersburg, Pa.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 Pratt & Whitney Co., Hartford, Conn.  
 Ryan (James J.) Tool Wks., Southington, Conn.  
 Standard Tool Co., Cleveland, O.  
 Syracuse Twist Drill Co., Syracuse, N. Y.  
 Union Twist Drill Co., Athol, Mass.  
 Vermont Tap & Die Corp., Lyndonville, Vt. "Star," "Vermont"  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Whitman & Barnes, Inc., Detroit, Mich.  
**REAMERS, Taper Pin**—See Reamers, Taper  
**REAMERS, Taper Shank**—See Reamers, Taper  
**RESEATING FAUCET TOOLS**—See Tools, Reseating, Faucet

**RECAPPERS, Shell**

Modern Bond Mach. Co., Wilmington, Del.  
 Union Hdw. Co., Torrington, Conn.  
**RECEDING PIPE THREADERS**—See Threaders, Pipe

**RECEIVERS, Ash, Cigar**

Aladdin Mfg. Co., Muncie, Ind.  
 Aldrich Mfg. Co., Buffalo, N. Y.  
 Anchor Hockingglass Corp., 100 Fisher, Lancaster, O.  
 Art Metal Wks., 7 Mulberry, Newark, N. J.  
 Artleigh Products, Inc., 1133 B'way, New York, N. Y. "Ash-Coasts"  
 Backus Novelty Co., Smethport, Pa.  
 Baker (S. D.) Mfg. Co., 234 W. 14th, New York, N. Y. "Duplex," "King Cole"  
 Belmet Products, Inc., 250 Moore, Bklyn., N. Y. "Rollodor"  
 Briddell (Chas. D.), Crisfield, Md. "Briddell"  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
 Collins (Geo. F.) & Co., Sapulpa, Okla. "Tri-Tray," (Glass)  
 Colonial Brass Co., Middleboro, Mass.  
 Eveready Co., Frederick, Md.  
 Farie Mfg. Co., Decatur, Ill. "Serv-A-Lite"  
 Gordon Mfg. Co., 110 E. 23rd, New York, N. Y. "Master"  
 Hall China Co., E. Liverpool, O.  
 Manning, Bowman & Co., Meriden, Conn.  
 Miller (Robert E.), Inc., 35 Pearl, New York, N. Y. (Bakelite)  
 Napier Co., 389 Fifth Av., New York, N. Y. "Goofy Bird," "Safety"  
 National Sewing Machine Co., Belvidere, Ill.  
 National Sheet Metal Co., Peru, Ill.  
 Newell Mfg. Co., Ogdensburg, N. Y.  
 Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
 Reynolds Spring Co., Molded Plastics Div., Jackson, Mich. "Bonnyware"  
 Smokador Mfg. Co., Inc., Nelson, Bloomfield, N. J.  
 Syracuse Ornamental Co., Syracuse, N. Y. "Syroco"  
 West Bend Aluminum Co., West Bend, Wis.  
 Western Newell Mfg. Co., Freeport, Ill.  
 Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

**RECEIVERS, Ash, Furnace**

Gunster Bros., Scranton, Pa. "Effective"

**RECEIVERS, Dust**

Sanitary Dust Receiver Co., Malone, N. Y.

**RECEIVERS, Garbage**

(See also Cans, Ash and Garbage)

Adams Co., Dubuque, Ia.  
 Donley Bros. Co., Cleveland, O. "B. D." (Underground)  
 Eastern Can Co., 306 Bremen, East Boston, Mass. "Eastern" (Underground)  
 Fabry Mfg. Co., Inc., 760 S. Date Av., Alhambra, Cal. "Fabry" (Underground)  
 Gabriel Steel Co., Detroit, Mich.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 Ideal Can Co., Everett, Mass. (Underground)  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Klauer Mfg. Co., Dubuque, Ia.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Lynn Iron Foundry, Inc., Lynn, Mass. "Stephenson" (Underground)  
 Majestic Co., Huntington, Ind. (Underground)  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Sanette" (Step-on)  
 National Can Co., Inc., 110 E. 42nd, New York, N. Y. "Empecco"

National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Garden Girl," "Nesco"  
 National Metal Products Co., Waterloo, Ia. (Underground)  
 Niles Steel Products Co., Niles, O. "Niles" (Underground)  
 Nustone Products Corp. of N. J., Tenafly, N. J.  
 Peerless Mfg. Corp., Louisville, Ky. (Underground)  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Sanitary Receiver Co., Dunkirk, N. Y. "Sani-Can"  
 Sexton Can Co., Everett, Mass. (Also underground)  
 Sigl Plumbing & Mfg. Corp., Buffalo, N. Y. "Sanall"  
 Stover Mfg. & Engine Co., Freeport, Ill. (Underground)  
 Swett (A. L.) Iron Wks., Medina, N. Y. (Underground)  
 Witt Cornice Co., 2114 Winchell Av., Cincinnati, O. "Witt" (Concealed or Underground)

**RECEIVERS, Milk and Package**

Donley Bros. Co., Cleveland, O.  
 Gabriel Steel Co., Detroit, Mich.  
 Majestic Co., Huntington, Ind.  
 Milcor Steel Co., Milwaukee, Wis.  
 Swett (A. L.) Iron Wks., Medina, N. Y.

**RECEPTACLES, Flush**

American Automatic Electric Sales Co., 1033 W. Van Buren, Chicago, Ill. "Ajax"  
 Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Benjamin Elec. Mfg. Co., Des Plaines, Ill.  
 Bryant Elec. Co., Bridgeport, Conn. "D. D." "Hemco," "KeNeX"  
 Circle (F.) Mfg. Co., Trenton, N. J.  
 Connecticut Elec. Mfg. Co., Bantam, Conn.  
 Connecticut Molded Products Corp., Meriden, Conn.  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., Inc., 69 Hall, B'klyn, N. Y.  
 Gaynor Elec. Co., Inc., Bridgeport, Conn.  
 General Elec. Co., Inc., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Hubbell (Harvey), Inc., Bridgeport, Conn.  
 Leviton Mfg. Co., 236 Green Point Av., B'klyn, N. Y. "Meteor"  
 Marks Products Co., Inc., 84 N. 9th, Bklyn, N. Y. "Snapit"  
 Pass & Seymour, Syracuse, N. Y.  
 Paulding (John I.), Inc., New Bedford, Mass.  
 Square D Co., Detroit, Mich.  
 Steel City Elec. Co., Pittsburgh, Pa.  
 Weber Electric Co., Schenectady, N. Y.

**RECEPTACLES, Waste, Self-Closing**

Rennett Mfg. Co., Alden, N. Y. "Economy"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 Cincinnati Ball Crank Co., Cincinnati, O. "Brook-ins"  
 Durlach Can & Iron Works, 167 7th, B'klyn, N. Y.  
 Economy Baler Co., Ann Arbor, Mich.  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Sanette" (Step-On)  
 Solar-Sturges, Melrose Park, Ill.  
 Utica Products, Inc., Utica, N. Y.

**RECESSED HEAD SCREWS — Screws, Recessed Head**

**RECIPE CABINETS**—See Cabinets, Recipe  
**RECIPROCATING DRILLS**—See Drills, Reciprocating  
**RED LEAD**—See Lead, Red

**REDUCERS, Hose**

Acheson Mfg. Co., Braddock, Pa. "Bliss"  
 American Foundry & Mfg. Co., St. Louis, Mo.  
 Ross Sprinkler Co., Pasadena, Cal.  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Smith (D. B.) & Co., Utica, N. Y.

**REDUCERS, Sockets—See Sockets, Reducer****REDUCERS, Stove Pipe**

Eclipse Metal Mfg. Co., Eden, N. Y.  
 Excelsior Stove & Mfg. Co., Quincy, Ill.  
 Jackes-Evans Mfg. Co., St. Louis, Mo.  
 Ohio Stove Pipe & Mfg. Co., 2104 Woodland Av., Cleveland, O.  
 Reeves Steel & Mfg. Co., Dover, O.  
 Southwest Hdw. Mfg. Co., Ft. Smith, Ark.  
**REDUCING NIPPLES**—See Nipples, Reducing  
**REEL BRAKES, Fishing**—See Brakes, Reel, Fishing  
**REEL CASES**—See Cases, Reel  
**REEL DRAGS, Fishing**—See Drags, Reel, Fishing

**REELS, Automatic Extension Lamp**

Appleton Electric Co., 1701 Wellington Av., Chicago, Ill.  
 Woodhead (Daniel) Co., 15 N. Jefferson, Chicago, Ill. "Protex"

**REELS, Fishing**

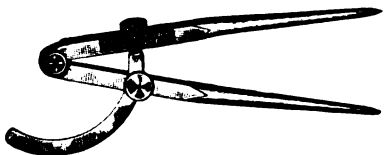
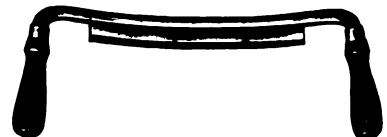
A-B-C Bait & Mfg. Co., 433 Bates, Detroit, Mich. "A-B-C"  
 A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Air-Fed Mfg. & Stamping Co., Inc., Quincy, Ill.  
 Alofs Mfg. Co., Grand Rapids, Mich.  
 Boyer Mfg. Co., Winona Lake, Ind. "Winona"  
 Bronson Reel Co., Bronson, Mich. "Bronson-Coxe," "Genuine J. A. Cox," "Symplorel"  
 Cooke-Roberts Corp., Orange, Mass.

TRADE

T. H. WITHERBY  
WARRANTED

MARK

CARPENTERS' EDGED TOOLS  
WOOD TURNERS TOOLS  
COMPASSES & DIVIDERS  
WORLD'S STANDARD



WITHERBY—PERFECT—TEMPER

Established 1827

THE WINSTED EDGE TOOL WORKS  
Winsted, Conn.

WINSTED MANUFACTURING CO.  
WINSTED, CONN.

Incorporated 1835



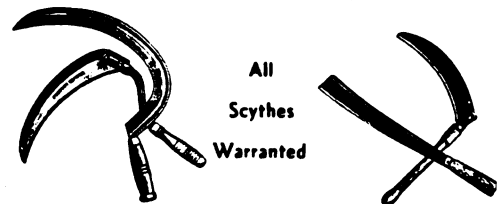
SCYTHES—GRASS HOOKS  
GRASS SICKLES  
CORN KNIVES—CORN HOOKS  
DANDELION & ASPARAGUS  
KNIVES

Manufacturers of

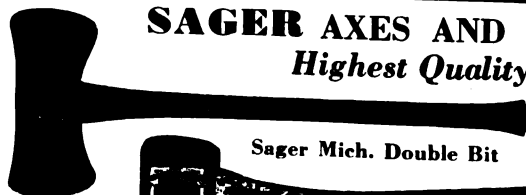
Columbia—Crown Jewel  
Red, White and Blue—Eureka

SCYTHES

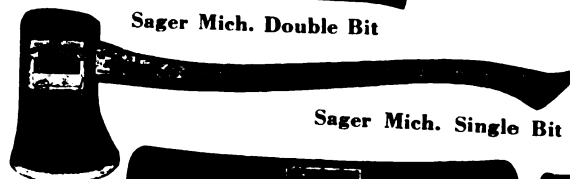
WINMANCO { SOLID STEEL ONE PIECE } SCYTHES



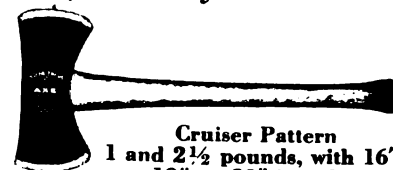
SAGER AXES AND BULL DOG LOGGING TOOLS  
*Highest Quality for the Last Half Century*



Sager Mich. Double Bit



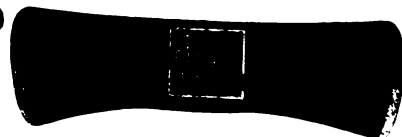
Sager Mich. Single Bit



Cruiser Pattern  
1 and 2½ pounds, with 16",  
19" or 28" handles



Dayton Pattern



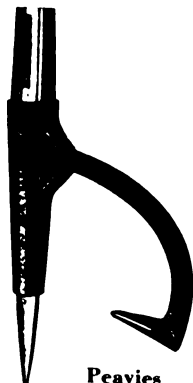
Falling Pattern



Load Binders for 3/8" to 3/4" chain



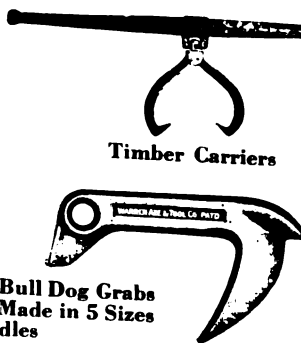
Swivels



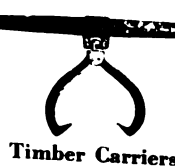
Peavies  
All sizes—hickory or maple handles



Cant Hooks



Bull Dog Grabs  
Made in 5 Sizes



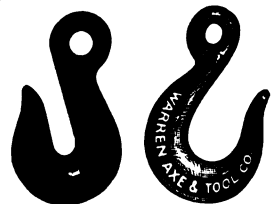
Timber Carriers



Cold Shuts



Steel Wedges  
All patterns and weights



Chain Hooks  
1/4" to 1" sizes

Buy  
through  
your  
Jobber,

We manufacture axes in all patterns and weights,  
and every tool known for logging  
**WARREN AXE & TOOL CO., WARREN, PA.**

or  
write  
for  
Catalogue

Mention Hardware Age When Writing

**EELS, Fishing (Continued)**

Enterprise Mfg. Co., Dept. HA, Akron, O. "Akerite," "Akron," "Alpine," "Ampro," "Atlacpac," "Atlas," "Autopia," "Bond," "Buckeye," "Capitol," "Captain," "Excell," "Freespeed," "Gem," "Golden West," "Interocean," "Medalist," "Monarch," "Nobby," "Norka," "Oceanic," "Ohio," "Pakron," "Par," "Pard," "Pastime," "Pfluger Superex," "Pontiac," "Progress," "Rocket," "Sal-Trout," "Sea-Vue," "Sumco," "Summit," "Supreme," "Taxi," "Temco," "Templar," "Topic," "Trump," "Trusty," "Wildwood"

ayle (Geo. W.) & Son, Frankfort, Ky. "Simplicity" o-lite Mfg. Co., Flint, Mich.

Ieddon's (James) Sons, Dowagiac, Mich.

Ildebrandt (J. J.) Co., Logansport, Ind.

Ironlocks-Ibbotson Co., Dept. S, Utica, N. Y. "Barnegat," "Fernwood," "Hendryx," "Utica," "Vernley," "Y & E" (Automatic)

Iorton Mfg. Co., Bristol, Conn. "Blue Grass," "Meek," "Meek Fly"

Iswell (Chas. H.) Co., San Francisco, Cal.

Jartin Automatic Fishing Reel Co., Mohawk, N. Y.

Meisselbach (A. F.) Div. of General Industries Co., Ellyria, O. "Autody," "Bullseye," "Flyer," "Neptune," "New Neptune," "Rainbow," "Range," "Sealine," "Surf," "Takapart," "Target"

Meisselbach-Catucci Mfg. Co., 51 Stanton, Newark, N. J. "Symphore"

Mills (Wm.) & Son, 21 Park Pl., New York, N. Y.

Montague Rod & Reel Co., Montague City, Mass. "Clipper," "Comet," "Favorite," "Fishkill," "Flash," "Filipine," "Manitowoc," "Offshore," "Rapidan," "Sunbeam," "Trail"

Newton & Thompson Mfg. Co., Brandon, Vt.

Ocean City Mfg. Co., Phila., Pa. "Chelsea"

Penn Fishing Tackle Mfg. Co., 159 W. Lehigh Av., Phila., Pa. "Penn"

Pequea Works, Strasburg, Pa. "King"

Perrine Mfg. Co., 704 S. 4th, Minneapolis, Minn.

Shakespeare Co., Kalamazoo, Mich.

Sommer (John) Faucet Co., 32 Morris Av., Newark, N. J.

South Bend Bait Co., South Bend, Ind. "Oreno," "South Bend," "Oreno-Matic"

Union Hdw. Co., Torrington, Conn. "Union"

**REELS, Hose, Garden**

Anker-Holth Mfg. Co., Inc., 2700 Conner, Port Huron, Mich. "Real Reel"

Blair Tool & Machine Corp., College Point, N. Y. C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Little Giant," "Real Easy"

Cleveland Mfg. Co., Cleveland, O.

Garton Toy Co., Sheboygan, Wis.

Grand Rapids Wire Products Co., Grand Rapids, Mich. "Handiest"

Holden (A. S.), Inc., E. 181st & St. Clair Av., Cleveland, O.

Majestic Can Corp., 296 Richardson, B'klyn, N. Y.

Nelson (L. R.) Mfg. Co., Peoria, Ill. "Roller"

Ohio Stove Pipe & Mfg. Co., 2104 Woodland Av., Cleveland, O. "Rollsey"

Piqua Emery Cutter & Fdry. Co., Piqua, O.

Specialty Mfg. Co., St. Paul, Minn. "Detachable"

Standard Sprinkler Mfg. Co., Tampa, Fla.

Steele-Alderfer Co., Cuyahoga Falls, O.

Wayne Agricultural Wks., Goldboro, N. C.

Whitehurst (R. W.) Mfg. Co., Norfolk, Va.

Wirt & Knox Mfg. Co., 2340 W. York, Phila., Pa. "Comet," "Victor," "W & K," "Wirts"

**REELS, Line, Chalk and Masons'**

Allen, Chas. I., Pequabuck, Conn.

Narragansett Mach. Co., Providence, R. I.

Seymour Products Co., Seymour, Conn. "Eastman" (Self Chalking)

Stanley Tools Div., Stanley Works, New Britain, Conn.

Union Hdw. Co., Torrington, Conn.

Warner Mfg. Co., 801 16th Av., S. E. Minneapolis, Minn. (Self Chalking)

**REELS, Line, Clothes**

(See also Pulleys, Clothes Line)

American Scale Co., Kansas City, Mo.

Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.

Forayth Metal Goods Co., Inc., East Aurora, N. Y.

Gehl Bros. Mfg. Co., West Bend, Wis.

Gem Mfg. Co., North Girard, Pa.

Handy Things Mfg. Co., Ludington, Mich.

Jiffy Products Co., 8718 W. Lancaster Av., Milwaukee, Wis. "Guide-A-Line"

Klauser Mfg. Co., Dubuque, Ia.

Little Giant Co., Mankato, Minn.

Patent Novelty Co., Inc., Fulton, Ill. "Bluebird," "Handy Ann," "Jiffy"

Rite & Pidge Mfg. Co., Fultonville, N. Y. "Peerless"

Ro-Tite Mfg. Co., 1785 Wayside Rd., Cleveland, O.

Salem Tool Co., Salem, O. "Silver"

Sommer (John) Faucet Co., 32 Morris Av., Newark, N. J.

Sundstrand Metal Products Co., 1228 B'way, Court, Rockford, Ill. "Reel-Supreme"

Super Metal Mfg. Co., Inc., 3923 Hudson Blvd., North Bergen, N. J. "Super"

Swett (A. L.) Iron Wks., Medina, N. Y.

United Royalties Corp., 1133 B'way, New York, N. Y. "Saturn"

United States Lock & Hdw. Co., Columbia, Pa.

Wells (Frank B.) Co., Bristol, N. H.

Young (J. O.) Co., Springfield, Mass.

**REFERES' WHISTLES**—See Whistles, Referes'

**REFINISHING VARNISHES**—See Varnishes, Refinishing

**REFLECTIVE INSULATION**—See Insulation, Reflective

**REFLECTOR DRIVEWAY MARKERS**—See Markers, Driveway, Reflector

**REFLECTOR LETTERS & NUMBERS**—See Letters & Numbers, Reflector

**REFLECTOR SIGN BUTTONS**—See Buttons, Sign, Reflector

**REFLECTOR SIGNS**—See Signs, Reflector

**REFLECTORS, Electric Light**

A.-A. Electric Mfg. Co., Bridgeport, Conn.

Benjamin Electric Mfg. Co., Des Plaines, Ill.

Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.

Columbian Enameling & Stamping Co., Terre Haute, Ind.

Consolidated Electric Lamp Co., Lynn, Mass. "Green Back"

Curtis Lighting, Inc., Chicago, Ill. "X-Ray"

Faries Mfg. Co., Decatur, Ill.

Holophone Glass Co., 340 Madison Av., New York, N. Y.

Hubbell (Harvey), Inc., Bridgeport, Conn.

Ingram-Richardson Mfg. Co., Beaver Falls, Pa.

Marks Mfg. Co., 521 W. Monroe, Chicago, Ill.

"Adaptor-Lite"

Multi Electrical Mfg. Co., 1840 W. 14th, Chicago, Ill. "Multi"

Persons-Majestic Mfg. Co., Worcester, Mass.

Pittsburgh Reflector Co., Pittsburgh, Pa.

Reflector-Hardware Corp., Western Av. & 22nd Place, Chicago, Ill.

Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Teco"

Testrite Instrument Co., 57 E. 11th, New York, N. Y. "Flashrite"

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa.

Wilson Lighting, Inc., 411 S. Clinton, Chicago, Ill.

**REFLECTORS, Fireplace, Rotating**

Gammon, Benjamin W., 215 E. 22nd, New York, N. Y. "Gammon"

**REFRESHMENT SETS**—See Sets, Refreshment**REFRIGERANT GAS LEAK DETECTOR**

Lenk Mfg. Co., Newton Lower Falls, Mass.

Turner Brass Wks., Sycamore, Ill.

**REFRIGERATOR ACCESSORIES**

Alter (Harry) Co., 1728 S. Michigan Av., Chicago, Ill.

Aluminum Goods Mfg. Co., Manitowoc, Wis.

Bellaire Enamel Co., Bellaire, O. "Bellaire Baskettes," "Vis-A-Dish"

Blossom Mfg. Co., 79 Madison Av., New York, N. Y. "Protectors Evr-Fresh" (Pouches)

Columbian Enameling & Stamping Co., Terre Haute, Ind.

Corning Glass Wks., Corning, N. Y. "Pyrex"

Electro Cosmic, Inc., 570 W. Adams, Chicago, Ill. "Preservo"

Federal Enameling & Stamping Co., McKees Rocks, Pa.

Geuder, Paeschke & Frey Co., Milwaukee, Wis.

Handy Andy Specialty Co., Inc., 39-40 22nd, Long Island City, N. Y.

McKee Glass Co., Jeannette, Pa. "Glasbake"

Owens-Illinois Glass Co., Toledo, O. "Tiltop" (Bottle)

Polar Ware Co., Sheboygan, Wis.

Richards, Boggs & King, Inc., 367 W. Adams, Chicago, Ill. "Sheer-O-Sheen" (Pouches)

Scurlock Kontanerette Corp., Merchandise Mart, Chicago, Ill.

Seal Sac, Inc., 385 Purchase, Fall River, Mass. "Seal Sac" (Pouches)

Sneath Glass Co., Hartford City, Ind. (Water Coolers)

United States Stamping Co., Moundsville, W. Va.

Vollrath Co., Sheboygan, Wis.

**REFRIGERATOR BAGS**—See Bags, Oil Silk**REFRIGERATOR BASKETS**—See Baskets, Refrigerator**REFRIGERATOR BOTTLES**—See Bottles, Refrigerator**REFRIGERATOR BRUSHES**—See Brushes, Refrigerator**REFRIGERATOR CARRIERS**—See Trucks, Refrigerator**REFRIGERATOR Defrosting Clock****REFRIGERATOR DISHES**—See Dishes, Refrigerator**REFRIGERATOR DOOR GASKET**—See Gasket, Door, Refrigerator**REFRIGERATOR, ELECTRICAL UNITS**—See Units, Refrigerator**REFRIGERATOR FAUCETS**—See Faucets, Refrigerator**REFRIGERATOR FOOD CONTAINERS**—See Containers, Refrigerator Food**REFRIGERATOR GLASS WARE**—See Ware, Glass**REFRIGERATOR HARDWARE**

Arcade Mfg. Co., Freeport, Ill.

Bommer Spring Hinge Co., 263 Classon Av., B'klyn., N. Y. (Spring Hinges)

Brainerd Mfg. Co., E. Rochester, N. Y.

Chicago Forging & Mfg. Co., Chicago, Ill.

Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. "Armplex" (Spring Hinges & Door Closers)

Cincinnati Refrigerator Hardware Co., Cincinnati, O.

Corbin, P. & F., New Britain, Conn.

Dent Hdw. Co., Fullerton, Pa.

Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.

Grand Haven Brass Foundry, Grand Haven, Mich.

Grand Rapids Brass Co., Grand Rapids, Mich.

Kason Hdw. Corp., 127 Wallabout, B'klyn, N. Y.

Keil (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.

Knappe & Vogt Mfg. Co., Grand Rapids, Mich.

McKinney Mfg. Co., Pittsburgh, Pa.

Milwaukee Stamping Co., Milwaukee, Wis.

Murrin Co., 719 S. Spadra Drive, Fullerton, Cal.

National Brass Co., Grand Rapids, Mich. "Dexter"

National Lock Co., Rockford, Ill.

Norwalk Lock Co., 261 B'way, New York, N. Y.

Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.

Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.

Safe Padlock & Hardware Co., Lancaster, Pa.

Sargent & Co., New Haven, Conn.

Slaymaker Lock Co., Lancaster, Pa. "Fourway"

Stanley Wks., New Britain, Conn.

Victor Products Corp., Hagerstown, Md.

**REFRIGERATOR JARS**—See Jars, Refrigerator

**REFRIGERATOR LIGHTING UNITS**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn.

**REFRIGERATOR LOCKS**—See Locks, Refrigerator**REFRIGERATOR PANS**—See Pans, Refrigerator**REFRIGERATOR SHELVES**—See Shelves, Refrigerator**REFRIGERATOR THERMOMETERS**—See Thermometers, Refrigerator**REFRIGERATOR TOP PROTECTORS**—See Protectors, Gas Ranges & Refrigerator Top**REFRIGERATOR TRUCKS**—See Trucks, Refrigerator**REFRIGERATORS, Ice**

Coolerator Co., Duluth, Minn.

Crystal Refrigerator Co., Fremont, Neb. "Crystal," "Hammond"

Dillingham Mfg. Co., Sheboygan, Wis. "Economy," "New Iceberg"

Eau Claire Cold Storage Corp., Eau Claire, Wis. "Cold Storage"

Harder Refrigerator Corp., Cobleskill, N. Y. "Kleen Kold"

Heins & Munschauer, Buffalo, N. Y. "Buffalo," "Erie," "Niagara," "Polar," "Zero"

Ice Cooling Appliance Corp., 6611 Euclid Av., Cleveland, O. "Automatic"

Illinois Refrigerator Co., Morrison, Ill.

Jewett Refrigerator Co., 2 Letchworth, Buffalo, N. Y.

Leominster Refrigerator Co., Leominster, Mass.

McCray Refrigerator Co., Kendallville, Ind.

Maine Mfg. Co., Nashua, N. H. "Green Mountain," "North Pole," "White Mountain"

National Refrigerator Co., St. Louis, Mo.

North Star Specialty Mfg. Co., Minneapolis, Minn. "Re-Ly-O"

Ranney Refrigerator Co., Greenville, Mich.

Sanitary Refrigerator Co., Fond du Lac, Wis.

Success Mfg. Co., Gloucester, Mass.

Ward Refrigerator & Mfg. Co., 6501 S. Alameda, Los Angeles, Cal. "Olympic"

**REFRIGERATORS, Electric**

Apex Rotarex Corp., 1070 E. 152nd, Cleveland, O. "Apex-Deluxe"

Barlow & Seelig Mfg. Co., Ripon, Wis. "Speed Queen"

Brenner (Alphonse) Co., Inc., Shreveport, La.

Brunswick-Balke-Collider Co., Inc., 623 W. Wabash Av., Chicago, Ill. "Blue Flash"

Copeland Refrigeration Corp., Sidney, O. "Copeland"

Crosley Corp., 1329 Arlington, Cincinnati, O. "Shelvalor"

Deissler Machine Co., Greenville, Pa. "Dicaler"

Domestic Industries, Inc., 282 N. Diamond, Mansfield, O. "Buckeye," "Richland," "Vege Top"

Eddy Refrigerator Co., Boston, Mass.

Edison General Electric Appliance Co., Inc., 5600 W. Taylor, Chicago, Ill. "Hotpoint"

Electro-Kold Corp., Spokane, Wash.

Frigidaire Div. General Motors Sales Corp., Dayton, O. "Frigidaire"

Gale Products Div., Outboard Marine & Mfg. Co., Galesburg, Ill. "Gale," "Mayflower"

General Electric Co., Nela Park, Cleveland, O. "GE"

General Household Utilities Co., 2638 N. Crawford Av., Chicago, Ill. "Grunow"

Gilbert Electric Refrigerator Corp., Greenville, Mich. "Gibson"

Gillilan Bros., Inc., 1815 Venice Blvd., Los Angeles, Cal.

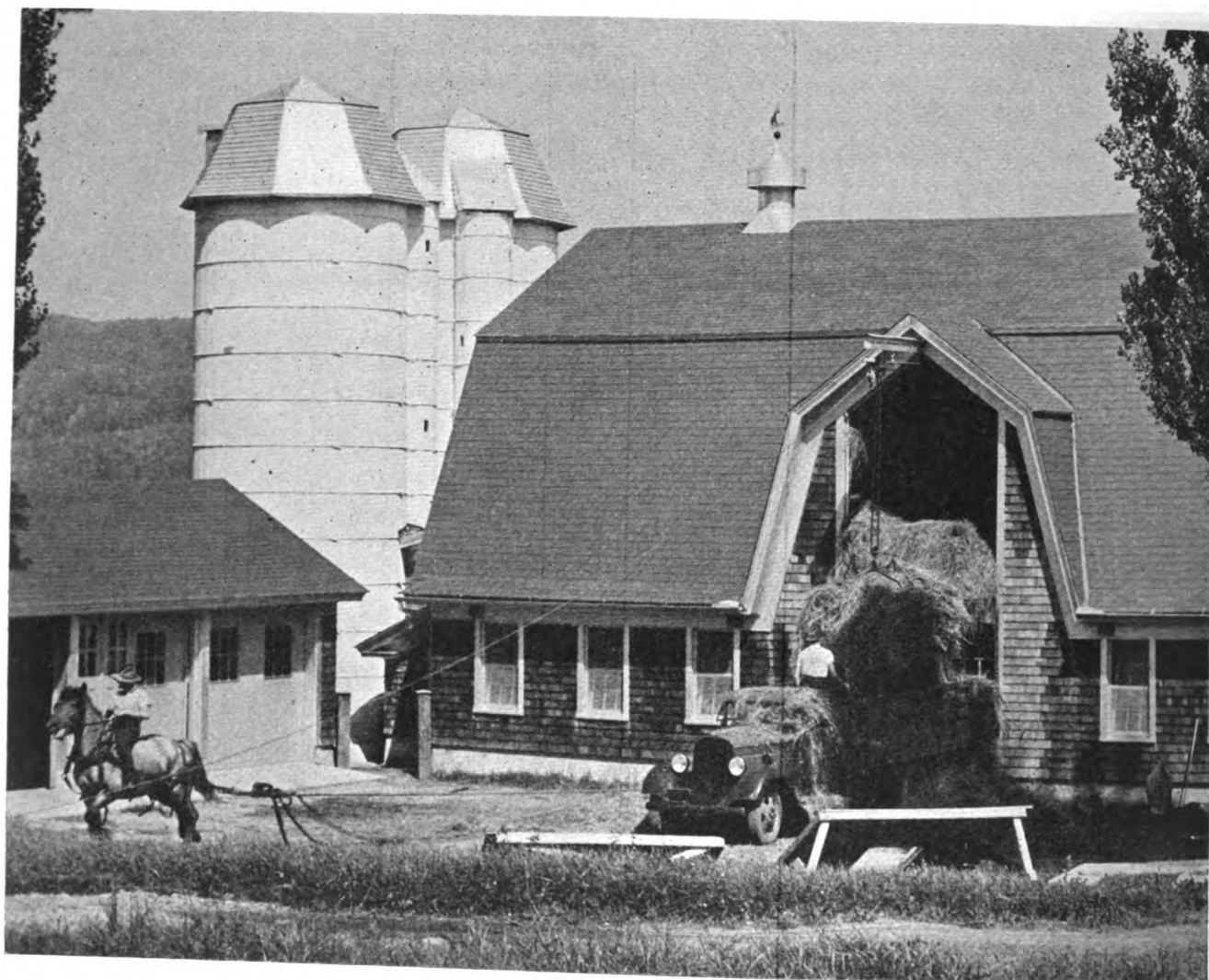
Heinz & Munschauer, 20 Superior, Buffalo, N. Y. "Dayton"

Iceberg Corp., Gardner, Mass.

Icemaster Co., Haverhill, Mass.

Jewett Refrigerator Co., 2 Letchworth, Buffalo, N. Y.





## Sell the Rope That's Proven Best for Farm Use



**I**MPARTIAL tests consistently prove that Amco "All-Weather" treated manila rope retains its high tensile strength and unusual flexibility longer under the rigors of farm work than any other similar rope. The special cordage solution used is practically impervious to sun and rain. Word of Amco's exceptional service spreads rapidly among rope users. That's why dealers who take on Amco "All-Weather" rope enjoy such worthwhile increases in their rope business.

For all its extra value Amco "All-Weather" manila rope weighs no more per foot nor costs no more per pound. Specify Amco on your next rope order.

**AMERICAN MANUFACTURING COMPANY**  
NOBLE & WEST STREETS, BROOKLYN, N. Y.

*Western factory branch:*

**ST. LOUIS CORDAGE MILLS**

11TH ST. & LAFAYETTE AVE., ST. LOUIS, MO.

**AMCO**  
**ALL-WEATHER MANILA ROPE**  
AMERICAN "SUPERIOR" MANILA ROPE  
TWINE • OAKUM • PACKING

*Mention Hardware Age When Writing*

Digitized by Google

**REFRIGERATORS, Electric (Continued)**

Jomoco, Inc., Sub. of Johnson Motor Co., Waukegan, Ill. "Jomoco"  
 Keokuk Refrigerating Co., Keokuk, Ia.  
 Leonard Refrigerator Div., Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich. "Leonard"  
 Malleable Iron Range Co., Beaver Dam, Wis. "Monarch"  
 Merchant & Evans Co., 2035 Washington Av., Phila., Pa. "M. & E."  
 Muncie Gear Works, Inc., Muncie, Ind. "Zero-L-Zone"  
 Narragansett Machine Co., Pawtucket, R. I.  
 Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich. "Kelvinator"  
 Nome Refrigerator Co., Detroit, Mich.  
 Norge Div., Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich. "Norge Rollator"  
 O'Keefe & Merritt, Los Angeles, Cal.  
 Philco Refrigerator Co., 3701 N. Broad, Phila., Pa. "Conservador"  
 Potter Refrigerator Corp., Buffalo, N. Y. "Tri-cold"  
 Quality Products, Inc., Dayton, O.  
 Sparks-Withington Co., Jackson, Mich. "Sparton"  
 Starr Co., Richmond, Ind. "Star-Freeze"  
 Stewart-Warner Corp., 1828 Diversy Pkwy., Chicago, Ill. "Sav-A-Step"  
 Uniflow Mfg. Co., Erie, Pa. "Lectrik-Ice"  
 Universal Cooler Corp., Detroit, Mich.  
 Weisbach Co., Gloucester, N. J.  
 Westinghouse Electric & Mfg. Co., Mansfield, O.  
 "Dual-Automatic"  
 Williams Oil-O-Matic Heating Corp., Bloomington, Ill. "Ice-O-Matic"

**REFRIGERATORS, Gas**

Servel, Inc., Evansville, Ind. "Electrolux"

**REFRIGERATORS, Gasoline**

Waukeha Motor Co., Waukeha, Wis.

**REFRIGERATORS, Nursery**

Kreamer (A.) Inc., 307 Kent Av., B'klyn, N. Y.  
 McAleer (E. J.) & Co., Inc., 1422 N. 8th, Phila., Pa.

**REFRIGERATORS, Oil Burning**

Crosley Corp., 1329 Arlington, Cincinnati, O.  
 "Flame-Freezer"  
 Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Superflex"  
 Servel, Inc., Evansville, Ind. "Electrolux"

**REFRIGERATORS, Toy**

Greist Mfg. Co., New Haven, Conn.

**REFRIGERATORS, Window**

Corcoran Mfg. Co., Covington, Ky. "Peerless"  
 Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
 Hillson (H. M.) Co., 118 Lincoln, Boston, Mass.  
 Kennedy Mfg. Co., Van Wert, O.  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Louisville Tin and Stove Co., Louisville, Ky. "Progress"  
 McAleer (E. J.) & Co., Inc., 1422 N. 8th, Phila., Pa.  
 Mitchell (G. F.) & Sons Co., Cleveland, O.  
 National Box & Can Co., 4131 B'way Av., Cleveland, O.  
 Penn Supply & Metal Corp., 948 N. 8th, Phila., Pa.  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
**REGISTER CHAINS—See Chains, Register**  
**REGISTER SHIELDS—See Shields, Register**  
**REGISTERING BANKS, Toy—See Banks, Children's**

**REGISTERS, Cash**

Burroughs Adding Machine Co., Detroit, Mich.  
 Ery Register Co., Dayton, O.  
 McCaskey Register Co., Alliance, O.  
 National Cash Register Co., Dayton, O.  
 Ohmer Register Co., Dayton, O.  
 Remington-Rand, Inc., 465 Washington, Buffalo, N. Y.

**REGISTERS, Cash, Toy**

American Flyer Div. of A. C. Gilbert Co., New Haven, Conn. "American Flyer"  
 Durable Toy & Novelty Co., 200 Fifth Av., New York, N. Y. "Uncle Sam"  
 Kingsbury Mfg. Co., Keene, N. H.

**REGISTERS, Floor and Wall—See Registers, Warm****REGISTERS, Warm Air**

Auer Register Co., Cleveland, O. "Aristocrat," "Aueristocrat," "Colonial," "Economy," "Pro-Tex-Wall"  
 Hart & Cooley Mfg. Co., Chicago, Ill.  
 Independent Register & Mfg. Co., Cleveland, O. "Fabiakat"  
 Majestic Co., Huntington, Ind. "Regisat"  
 Minor Steel Co., Milwaukee, Wis.  
 Mueller (L. J.) Furnace Co., Milwaukee, Wis.  
 Rock Island Register Co., Rock Island, Ill. "Island City," "No Streak," "Out O' Wall," "Vol-Yum"  
 Tuttle & Bailey, Inc., New Britain, Conn. "Hifon-cast"  
 Tuttle & Bailey Mfg. Co., 101 Park Av., New York, N. Y. "Super-Regs"  
 U. S. Register Co., Battle Creek, Mich. "Jones," "National"  
 Waterloo Register Co., Waterloo, Ia.  
**REGRINDING VALVES—See Valves, Regrinding**

**REGULATORS, Circulating Heater**

Shenandoah Equipment Corp., Harrisonburg, Va. "Riteheat"

**REGULATORS, Furnace**

Automatic Heat Regulator Co., 2655 W. Harrison, Chicago, Ill.  
 Automatic Products Co., 2442 N. 32nd, Milwaukee, Wis. "A-P"  
 Conco Engineering Works, Mendota, Ill. "Field"  
 Cook Electric Co., 2700 Southport Av., Chicago, Ill. "Cook"  
 Davis & Daggett Co., Springfield, Mass. (Oil Burning) "D. & D."  
 Hart & Cooley Mfg. Co., Chicago, Ill. "H. & C."  
 Hotstream Heater Co., 8007 Grand Av., Cleveland, O. "Draft-O-Stat"  
 Industrial Engineering Corp., Evansville, Ind.  
 Mercoid Corp., 4217 Belmont Av., Chicago, Ill.  
 Minneapolis-Honeywell Regulator Co., So. Minneapolis, Minn. "Electric Janitor," "Jewell Junior"  
 Pioneer Heat Regulator Corp., Dayton, O.  
 Quaker Mfg. Co., 221 W. Erie, Chicago, Ill.  
 Robertshaw Thermostat Co., Youngwood, Pa.  
 Russell Electric Co., 378 W. Huron, Chicago, Ill. "Hold-Heat"  
 Uni-Therm Products Co., Elyria, O. "Furnace Watchman"

**REGULATORS, Gas**

Luther Mfg. Co., Inc., Olean, N. Y.  
 Robertshaw Thermostat Co., Youngwood, Pa. "Automatic Cook"  
 Wilson (H. A.) Co., Newark, N. J. "Wilcolator"

**REGULATORS, Hot Water**

American Radiator Co., 40 W. 40th, New York, N. Y.  
 Cash (A. W.) Co., 550 N. 18th, Decatur, Ill.  
 Coyne & Delany Co., 850 Kent Av., Bklyn, N. Y.  
 Ford Regulator Valve Co., Inc., 400 Broome, N. Y.  
 G. & W. Regulator Co., Elmhurst, N. Y.  
 Power Regulator Co., 2736 Greenview Av., Chicago, Ill.  
 Minneapolis-Honeywell Regulator Co., 2709 4th Av., Minneapolis, Minn.

**REGULATORS, Windmill**

Flint & Walling Mfg. Co., Kendallville, Ind. "Star"  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Red Jacket Mfg. Co., Davenport, Ia.

**REINFORCEMENTS, Wire, Concrete—See Wire Reinforcements****REINFORCING STEEL—See Steel, Reinforcing****REINS, Toy**

Gong Bell Mfg. Co., East Hampton, Conn.  
 Hill (N. N.) Brass Co., East Hampton, Conn.

**RELAYS, Photo-Electric**

Ray-Alarm Co., 225 Fifth, Des Moines, Ia.  
 Rhamstine, J. Thos., Detroit, Mich. "Rhamstine Electric Eye"  
 Stanley Works, New Britain, Conn. "Magic Door"  
 Yale & Towne Mfg. Co., Stamford, Conn. "Phantom"

**RE-LEVELING BLOCK MACHINES—See Machines, Block, Re-Leveling, Portable, Electric****RELIEF VALVES—See Valves, Relief****RELOADING TOOLS—See Tools, Loading, Cart-ridge and Shell****REMEDIES, Bird**

Burnett's, Inc., 217 Plane, Newark, N. J. "Burnett's"  
 Champion Animal Food Co., Minneapolis, Minn.

**REMEDIES, Dog and Cat**

Jamaica Laboratories Co., 182-02 92nd, Jamaica, N. Y. "Itch-A-Way"  
 Polk Miller Products Corp., Richmond, Va.  
 Spratt's Patent, Ltd., 14 Congress, Newark, N. J.

**REMEDIES, Fish**

Burnett's, Inc., 217 Plane, Newark, N. J. "Burnett's"

**REMOVERS, Ice**

Tamms Silica Co., 228 N. La Salle, Chicago, Ill. "Double Duty"  
 Thompson Materials Corp., 204 West, New York, N. Y. "Shur-Melt"

**REMOVERS, Mar and Scratch**

American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
 Baldwin Laboratories, Inc., Saegertown, Pa. "Dwin Mar Off"  
 General Cement Mfg. Co., 1041 Kilburn Av., Rockford, Ill. "General Scratch Stik"  
 Golden Star Polish Mfg. Co., Kansas City, Mo. "Handy"  
 Midway Chemical Co., Div. American Home Products Co., 257 Cornelson Av., Jersey City, N. J. "Radiant"  
 Tilette Cement Co., Inc., 401 Lafayette, New York, N. Y. "Gon"

**REMOVERS, Paint, Electric**

Dumore Appliance Co., 149 Church, New York, N. Y. "Safe-Way"

**REMOVERS, Paint and Varnish**

Aborene Mfg. Co., St. Louis, Mo. "Zov"  
 Acme Oil Wks., Phila., Pa. "Pyro"  
 Acme White Lead & Color Works, Detroit, Mich.  
 Adams & Elting Co., Chicago, Ill. "Ad-el-ite"  
 Alabastine Co., 835 Chicago Drive S. W., Grand Rapids, Mich.  
 All-Nu Products Co., Camden, N. J. "All-Nu"  
 Ambassador Specialties, Inc., 6440 De Buel Av., Detroit, Mich. "Heart of Quality"  
 American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
 Atlantic Drier & Varnish Co., Phila., Pa. "Takitor"  
 Atlantic Varnish Works, Richmond, Va. "Rip-Off"  
 Berry Bros., Detroit, Mich.  
 Bestoscal Co., 1451 B'way, New York, N. Y. "Bestoscal"  
 Bissel Varnish Co., Bridgeport, Conn. "E Z"  
 Boyle (A. B.) Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Varnigo"  
 Bradley & Vrooman Co., Chicago, Ill.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Chamberlain-Haber Chemical Co., Cleveland, O. "Presto"  
 Chemical Supply Co., 2450 Canal Rd., Cleveland, O.  
 Chi-Namel Paint & Varnish Co., 1101 Third, So. Minneapolis, Minn.  
 DeGolyer Varnish Works, Troy, N. Y. "E-Kon-O-Me"  
 De Mert & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
 Detroit White Lead Works, Detroit, Mich. "Ab-Lu-Ent"  
 Difco Sales Co., Garwood, N. J. "Difco"  
 Double B Products Co., Inc., 60 Putnam, Hartford, Conn. "Double B"  
 DuPont (E. I.) de Nemours & Co., Wilmington, Del.  
 Duz-It Products Co., Minneapolis, Minn. "Duz-It"  
 Ebersson-Lindsley Paint Co., St. Louis, Mo. "V. & P. Solvent"  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O. "Em-Jar-Co"  
 Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill. "No-Torch"  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill. "Wash-Off"  
 Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
 Gillespie Varnish Co., 181 Dey, Jersey City, N. J. "Bull Dog"  
 Glidden Co., Madison Av. and Berea Rd., Cleveland, O. "Adelite," "Reliable"  
 Hilo Varnish Corp., Marcy & Flushing Aves., B'klyn, N. Y.  
 Indianapolis Paint & Color Co., Indianapolis, Ind. "Capital City," "Rapid"  
 Johnson (S. C.) & Son, Racine, Wis.  
 Kleen Chemical Co., 235 W. Wyoming Av., Phila., Pa.  
 Lansing Paint & Color Co., Lansing, Mich.  
 Lawrence (W. W.) & Co., Pittsburgh, Pa. "Klean-It"  
 Lowe Bros. Co., Dayton, O.  
 Lucas (John) & Co., Phila., Pa. "Mirac"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Martin Varnish Co., Chicago, Ill.  
 Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Ave., Jersey City, N. J. "Radiant"  
 Nice, Eugene E., Phila., Pa.  
 Noakrape Paint Remover Co., 4858 W. Lake, Chicago, Ill.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Rip-Zit"  
 Peninsular Paint & Varnish Co., Detroit, Mich.  
 Permatex Co., Sheepshead Bay, N. Y.  
 Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Pitcalrin"  
 Pratt & Lambert, Buffalo, N. Y. "Expedite"  
 Red Devil Paint & Varnish Wks., 523 3rd Av., Bklyn, N. Y.  
 Reliable Remover & Lacquer Corp., 42-56 Crescent, Long Island City, N. Y.  
 Savogran Co., India Wharf, Boston, Mass. "Stry-peeze"  
 Schaik Chemical Co., 357 E. Second, Los Angeles, Cal. "Double X" (Varnish)  
 Sewall Paint & Varnish Co., 1005 W. 8th, Kansas City, Mo. "Sewall's"  
 Sheffeld Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O.  
 Sherwin-Williams Co., Cleveland, O. "Cover the Earth"  
 Stakolite Co., Boston, Mass. "Re-Move-It"  
 Standard Varnish Works, 2539 Richmond Terrace, Staten Island, N. Y. "Klenas"  
 Stanley Chemical Co., E. Berlin, Conn.  
 Steelcote Mfg. Co., St. Louis, Mo.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass. "Muviit"  
 Tamms Silica Co., 228 N. La Salle, Chicago, Ill. "R. C. B.," "Pronto"  
 U. S. Lacquer & Chemical Co., St. Louis, Mo. "U. S."  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Valentine's Valcoity"  
 Wadsworth-Howland Co., Chicago, Ill. "Bay State"  
 Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested," "Old Painter"  
 Wilson-Imperial Co., 115 Chestnut, Newark, N. J. "Lingervett," "Saf-Te," "Wonderpaste"  
 Woodfinishing Products Co., 32 Industrial, New York, N. Y.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

## BUCH LINE

### WHEELBARROWS FOR HARDWARE & CONTRACTOR TRADE

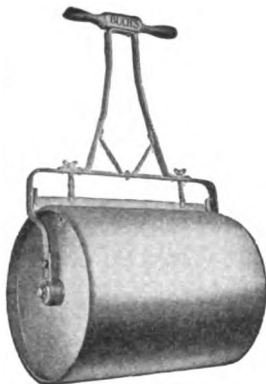
#### STEEL TRAY GARDEN HOME BARROW

With Wood, Steel or  
Rubber Tire Wheel



No. 17-B  
One Piece Tray

### WATER BALLAST LAWN ROLLERS



FILL WITH WATER  
FOR WEIGHT

ROLLER OR PLAIN BEARING  
WITH OR WITHOUT  
ADJUSTABLE SCRAPER

Sizes To Suit Conditions

Also Headquarters For—

Tampers, Golf Rollers, Saw  
Frames, Water Troughs, Corn  
Shellers, Cement Mixers, Land  
Rollers, Bag Trucks, Mortar  
Pans, Land Pulverizers.

Write for Catalogue

**BUCH MANUFACTURING CO.**

Elizabethtown,

Pa.

## ROTABIN Saves 50% FLOOR SPACE

SECTIONAL RO-  
TATING STEEL  
EQUIPMENT FOR  
NAILS, RIVETS,  
WASHERS, ETC.  
THAT DISPLAYS  
AND SELLS IN 1/2  
THE SPACE.



ROTABIN stores and displays nails, rivets, washers and any other "binable" merchandise in a compact accessible manner in 1/2 the space now occupied by such items in your store. Each ROTABIN section rotates, bringing the merchandise right to your finger tips. No time lost in looking for the correct size—no boxes to open—no sticking drawers to pull out—no more running back and forth from bin to bin. ROTABIN saves hardware dealers, time, steps, labor and money and makes storage space pay a profit the year around.

WRITE  
TODAY  
FOR  
DETAILS

**THE FRICK-GALLAGHER MFG. CO.**  
WELLSTON, OHIO

## ELECTRIC FENCE PROFITS DEPEND ON *Trouble-Free Controllers*

ELECTRITE Fence Controllers are manufactured by the oldest established electric fence company—*are unconditionally guaranteed, Wisconsin Approved, insured and priced for volume sales.*

*Oldest Established Company*

**ELECTRITE FENCE COMPANY**

WHITEWATER, WIS., U. S. A.

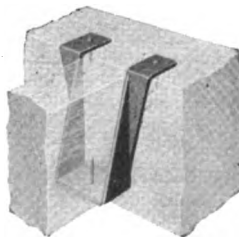
CABLE: RITELEC

\*\*\* \*\*

Also manufacturers of COBURN Wire Lawn Rakes through affiliated company:

Coburn Mfg. Company  
Whitewater, Wisconsin

## IDEAL Joist Hangers



These hangers are preferred by builders because they lay flat against the joist and girder which gives a neat corner appearance. Their close fitting on *all sides* does not interfere with furring if required. Also adapted for stair well, chimney, light shaft and similar framing. Made of best open hearth steel bars. Single or double styles carried in stock for every size timber. Mfd.

by the Ideal Hanger Co., Division, Cleveland, Ohio.

## CLEVELAND SASH PULLEYS

Formerly Columbian, are furnished in a wide selection of finishes. Wheels are furnished with *combination groove* accurately machined to fit cord or chain, and double square groove type when specified. Also Cleveland Overhead Sash Pulleys for single, twin or triple windows. Remember Cleveland Sash Pulleys are made of quality castings of grey iron, bronze, brass or aluminum. They permit easy mortising. Send for Folder, Prices and Guide for Architectural Specifications or Ordering which shows the correct series pulley to use according to weight of sash.

Manufactured by  
**CLEVELAND LOCK WORKS,**  
Division of

**THE CONSOLIDATED IRON-STEEL MFG. CO.**  
1290 East 53rd Street, CLEVELAND, OHIO





## REMOVERS, Putty, Electric

Fletcher, Terry Co., Forrestville, Conn. "Fletcher"  
Lawrence Tool Corp., 15 Union, Lawrence, Mass.  
"Speedy"  
Prospect Mfg. Co., 1900 Riverside Av., Minneapolis, Minn. "Mascot"

## REMOVERS, Wall Paper

Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
Commercial Products Co., 2618 Hampshire Rd., Cleveland Heights, O.  
Consumers Glue Co., 3820 S. B'way, St. Louis, Mo.  
"Dandy"  
Difco Sales Co., Garwood, N. J. "Difco"  
Haberland Mfg. Co., So. Bloomfield Av., Passaic, N. J. "Speedee"  
Hyde Mfg. Co., Southbridge, Mass.  
Murray-Black Co., Springfield, O.  
Savogran Co., 28 India Wharf, Boston, Mass.  
Tamm Silica Co., 228 N. La Salle, Chicago, Ill.  
"Soak-It"  
Volcano Corp., 1430 Main, Kansas City, Mo.  
Warner Mfg. Co., 891-16th Av., S.E., Minneapolis, Minn. "Jiffy," "Lightning"  
Wet-It Products Co., 4158 Grand Av., Chicago, Ill.  
"Wet-It"

## REMOVERS, Wax

Carder Mfg. Co., Arlington Station, Baltimore, Md.  
"Carder"  
Schalk Chemical Co., 357 E. Second, Los Angeles, Cal. "Waxoff"  
Stakolite Co., Boston, Mass. "Re-Move-It"  
Tamm Silica Co., 228 N. La Salle, Chicago, Ill.  
"Off-Wax"

RENEWABLE DISC VALVES—See Valves, Renewable Disc

REPAIR HANDLES—See Handles, Repair

## REPAIRERS, Gun

Abel (W. A.) Co., Syracuse, N. Y.  
Griffin & Howe, Inc., 202 E. 44th, New York, N. Y.  
Hart Arms Co., Cleveland, O.  
Sedgley (R. F.) Inc., 2311 N. 16th, Phila., Pa.  
Winchester Repeating Arms Co., New Haven, Conn. (Winchester Guns only)

REPAIR KITS, Tire—See Kits, Tire Repair

## REPAIRS, Boiler

Brauer (A. G.) Supply Co., St. Louis, Mo.  
Beelgroth & Co., 22 Edison Pl., Newark, N. J.  
Northwestern Stove Repair Co., 654 W. Roosevelt Rd., Chicago, Ill.

## REPAIRS, Furnace

Brauer (A. G.) Supply Co., St. Louis, Mo.  
Beelgroth & Co., 22 Edison Pl., Newark, N. J.  
Miller (C. Arthur) & Son, Elmira, N. Y.  
Northwestern Stove Repair Co., 654 W. Roosevelt Rd., Chicago, Ill.  
Spokane Stove & Furnace Repair Works, Spokane, Wash.

REPAIRS, Heater—See Repairs, Stove

REPAIRS, LAWN MOWER—See Mowers, Lawn, Replacement Parts

## REPAIRS, Sewing Machine

Bielock Mfg. Co., St. Louis, Mo.  
Brewer Sewing Supplies Co., 302 W. Adams, Chicago, Ill.  
Consolidated Sewing Machine & Supply Co., Inc., 1115 B'way, New York, N. Y.

## REPAIRS, Stove

Adams Co., Dubuque, Ia.  
Aurora Stove Repair Parts Co., Aurora, Ill. "Acorn"  
Brauer (A. G.) Supply Co., St. Louis, Mo.  
Des Moines Stove Repair Co., Des Moines, Ia.  
Beelgroth & Co., 22 Edison Pl., Newark, N. J.  
Howard Furnace & Stove Repair, Ralston, Neb.  
Marry Stove Repair Co., 340 Grove, Jersey City, N. J.  
Northwestern Stove Repair Co., 654 W. Roosevelt Rd., Chicago, Ill.  
Omaha Stove Repair Wks., Omaha, Neb.  
Spokane Stove & Furnace Repair Works, Spokane, Wash.  
Stove Mfgs. Corp., 184 Mulberry, Newark, N. J.  
U. S. Stove Repair Co., Minneapolis, Minn.

## REPELLENTS, Crow

Bonide Chemical Co., Inc., Utica, N. Y. "Crowfex"  
Cedar Hill Formulas Co., New Britain, Conn.  
"O. K." "Stanley"  
Davis (O. H.) Co., Rome, N. Y. "Davis"  
Good (James), Inc., 2200 Martha, Phila., Pa.  
Goulard & Olsen, Inc., 140 Liberty, New York, N. Y.  
Hammond Paint & Chemical Co., Beacon, N. Y. "Hammond's," "No-Crow"

## REPELLENTS, Dog, Cat and Rabbit

Acme White Lead & Color Wks., Detroit, Mich.  
"Dawg-Gone"  
Bohlender Plant Chemicals, Inc., Tippecanoe City, O. "Dogzoff"

Bonide Chemical Co., Inc., Utica, N. Y. "Dogzix"  
Hammond Paint & Chemical Co., Beacon, N. Y. "Dog Skat"  
Levy, G. Anderson, 631 Penn Av., Pittsburgh, Pa. "Lag's"  
Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
Nott Mfg. Co., 87 Frankfort, New York, N. Y. "Dogskoop"  
Tobacco By-Products & Chemical Corp., Inc., Louisville, Ky. "Black Leaf 40"

## REPELLENTS, Fly and Mosquito

"A-B-C" Bait & Mfg. Co., 433 Bates, Detroit, Mich. "Skeeter-Skare"  
All-Nu Products Co., Camden, N. J. "All-Nu"  
Agkem, Inc., Quincy, Ill. "Fly-Mist"  
Alten Co., 1102 Hamilton Av., Cleveland, O. "Skeeter Skram"  
American Products Co., 3265 Colerain Av., Cincinnati, O. "Fly-Jinx"  
Astor Exterminating Co., 276 Devonshire, Boston, Mass. "Astorex"  
Baldwin Laboratories, Saegertown, Pa. "Dwin"  
Bohlender Plant Chemicals, Inc., Tippecanoe City, O. "Flyzoff," "Mosquitozoff"  
Bonide Chemical Co., Inc., Utica, N. Y.  
Boyer Chemical Laboratory Co., Chicago, Ill.  
Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
Calumet Refining Co., 4323 S. Western Blvd., Chicago, Ill. "Liqui-Swat"  
Carbola Chemical Co., Natural Bridge, N. Y. "C. C. C."  
Carpenter (W. D.) Co., Syracuse, N. Y.  
Chamberlain-Haber Chemical Co., Cleveland, O. "Presto"  
Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Crescent"  
Double B Products Co., Inc., 60 Putnam, Hartford, Conn. "Sure Dead"  
Eureka Mower Co., Utica, N. Y. "Will-Kill-Flies"  
General Laboratories, Inc., 1000 Widener Bldg., Phila., Pa. "Indor," "B-K Knox-Out"  
Germa Mfg. Co., St. Louis, Mo.  
Glidden Co., Madison Av. and Berea Rd., Cleveland, O. "Toxol"  
Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulf"  
Hammond Paint & Chemical Co., Beacon, N. Y. "Fly-Away," "Hammond's"  
Heller (B.) & Co., Chicago, Ill.  
Kil-Tone Chemical Co., Vineland, N. J.  
Kimball Bros. & Co., Inc., Enosburg Falls, Vt.  
Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
Merrill, E. H., 50 Cross, Winchester, Mass.  
Millsite Steel & Wire Works, Inc., Howell, Mich. "Sket-O-Loehun"  
Murray (Edgar A.) Co., Detroit, Mich. "Doom"  
National Carbon Co., Inc., 30 E. 42nd, New York, N. Y. "Sta-Way"  
Nowak Milling Corp., Hammond, Ind. "Soy-O-Cide"  
Reade (Morris B.), Inc., 126 Ralph, Belleville, N. J. "Pro-Fax"  
Reynolds (Jas. T.) & Son, Lapeer, Mich. "Lac-A-Fly"  
Sherwin-Williams Co., Cleveland, O.  
Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "Bug-A-Boo"  
Sollicide Laboratories, Inc., 8 Laurel Pl., Upper Montclair, N. J. "TAT"  
So-Lo Works, Cincinnati, O. "So-Lo's"  
Stanco Distributors, Inc., 2 Park Av., New York, N. Y. "Flit"  
Standard Tar Products Co., Milwaukee, Wis. "Rid-A-Pest," "Usol"  
Superior Laboratories, Grand Rapids, Mich. "Mistalgas"  
Tanglefoot Co., Grand Rapids, Mich. "Tanglefoot"  
Tongue (R. E.) & Bros. Co., Inc., Allegheny Av. & Amber, Phila., Pa. "Araba"  
Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
West Disinfecting Co., 16 Barn, Long Island City, N. Y. "Fly-Bane"  
Willis (L. R.) Sanitary Products Co., Lincoln, Neb.

REPLACEMENT FAUCET STEMS—See Faucets, Replacement Stems

REPLACEMENT HEATING RADIANTS—See Radiants, Heating

REPLACEMENT RUBBER CREAM SEPARATOR PARTS—See Separators, Cream, Replacement Parts, Rubber

REPLACEMENT RUBBER MILKING MACHINE PARTS—See Milking Machines, Replacement Parts, Rubber

REPLACEMENT VACUUM CLEANER PARTS—See Cleaners, Vacuum, Replacement Parts

REPLACEMENT WASHING MACHINE PARTS—See Washing Machine, Replacement Parts

REPLACEMENT WRINGER ROLLS—See Rolls, Wringer, Rubber, Replacement

RESEATING FAUCET TOOLS—See Tools, Reseating, Faucet

RESERVE TANKS—See Tanks, Emergency or Reserve

RESIDENCE ELECTRIC ELEVATORS—See Elevators, Residence, Electric

RESIDENCE INDIVIDUAL ELEVATORS—See Elevators, Residence, Individual

RESINS, Synthetic

Resinox Corp., 230 Park Av., New York, N. Y. "Resinox"

## RESPIRATORS

Chicago Eye Shield Co., 2308 Warren Blvd., Chicago, Ill.  
Cover, H. S., Chippewa Av., South Bend, Ind.  
Goodrich (B. F.) Co., Akron, O.  
Mine Safety Appliances Co., 224 N. Braddock Av., Pittsburgh, Pa. "M. S. A. Comfo"  
Pulmosan Safety Equipment Corp., 168 Johnson, Bklyn., N. Y.  
Sellstrom Mfg. Co., 621 N. Aberdeen, Chicago, Ill.  
Willson Products, Inc., Reading, Pa.

RESTAURANT DUMBWAITERS—See Dumbwaiters, Restaurant

RESTAURANT KITCHEN SUPPLIES—See Supplies, Kitchen, Hotel and Restaurant

RESTAURANT RANGES—See Ranges, Hotel and Restaurant

## RESTS, Beach Back

Dillingham Mfg. Co., 118 S. Water, Sheboygan, Wis.  
General Wood Products Co., 2408 S. 11th, Rockford, Ill. "Golden Rule"  
Paris Mfg. Co., South Paris, Me.  
Relax Mfg. Co., 844 W. Erie, Chicago, Ill. "Re-Lax"  
Wade & McKinstry, Hudson, N. Y.

## RESTS, Bed Back

General Wood Products Co., 2408 S. 11th, Rockford, Ill. "Golden Rule"  
Paris Mfg. Co., South Paris, Me.

## RESTS, Butt, Rubber Surf Red

Hohwieler Rubber Co., Morrisville, Pa.

## RESTS, Foot

Brehme Special Products Co., Springfield, Ill.  
"Levelrite" (Adjustable)  
Fate-Root-Heath Co., 1333 High, Plymouth, O.  
RESTS, SAD IRON—See Stands, Sad Iron

## RESTS, Shelf

(See also Supports, Shelf; also Brackets, Shelf)  
Champion Hardware Co., Geneva, O.  
Corbin, P. & F., New Britain, Conn.  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich. "Samson," "Victor"  
Penn Hdw. Co., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
Sargent & Co., New Haven, Conn.  
Yale & Towne Mfg. Co., Stamford, Conn.

## RETAINERS, Oil

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.

RE-TIRING MACHINES—See Machines, Re-Tiring

## RETORTS, Steel Seamless

Burpee Can Sealer Co., 218 W. Liberty, Barrington, Ill. "Burpee"  
National Pressure Cooker Co., Eau Claire, Wis. "National"  
Wisconsin Aluminum Fdry. Co., Inc., Manitowoc, Wis.

REVOLVER CARTRIDGES—See Cartridges, Rifle, Pistol, Etc.

REVOLVER CLEANERS—See Cleaners, Pistol

REVOLVER SIGHTS—See Sights, Firearms

## REVOLVERS

(See also Pistols)

Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.  
Harrington & Richardson Arms Co., Worcester, Mass. "Eureka," "Sportsman"  
Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass. "Hammer the Hammer," "I. J. Target," "22 Supershot," "U. S."  
Sedgley (R. F.), Inc., 2311 N. 16th, Phila., Pa. "Baby"  
Smith & Wesson, Springfield, Mass.  
REVOLVERS, AIR—See Pistols, Air  
REVOLVING CHIMNEY TOPS—See Tops, Chimney, Revolving  
REVOLVING DISPLAY FIXTURES—See Fixtures, Display Hardware  
REVOLVING JAR KITS—See Kits, Jar, Revolving  
REVOLVING PUNCHES—See Punches, Revolving  
REVOLVING ROOF VENTILATORS—See Ventilators, Roof, Revolving  
REVOLVING TURF EDGERS—See Edgers, Revolving Turf  
REVOLVING WINDOW VENTILATORS—See Ventilators, Window, Revolving  
RIBBON ZINC—See Zinc, Ribbon  
RICE BOILERS—See Boilers, Rice  
RICE HULLERS AND POLISHERS—See Hullers and Polishers, Rice  
RICERS, Potato—See Mashers, Potato



**HANDY GRIP GALVANIZED CANS** for oil and gasoline have Triple Lock body seams that prevent leakage. The Handy Grip cap assure easy opening. Large spouts. Sturdily built for long service. 5 gallon capacity. Also made in 1, 2 and 3 gallon capacities.



**WELDED STEEL CANS** for oil and gasoline. Built for heavy duty. Seams are acetylene welded. "Handy Grip" cap. Guaranteed leak-proof. Tested under air pressure. 1, 2, 3 and 5 gallon capacities.



## EAGLE CANS AND OILERS

**All Sizes - All Styles - For Every Purpose**

Eagle Cans are sturdily built of galvanized or welded steel. Eagle *Galvanized* Gasoline and Oil Cans have: Handy-Grip Caps, Triple Lock Body Seams, Wide Mouth Filler Openings. All are made from Standard Gauge Prime Galvanized Sheets.

Eagle *Welded Steel* Gasoline and Oil Cans are built for heavy duty. Bodies are drawn from 24 gauge steel. Acetylene welded. No solder used. Bottoms reinforced with steel bands. ½ to 5 gallon capacity with various pouring arrangements.

Eagle Oilers are available in All-Metal or Transparent Styles. *Eagle Oilers* have seamless drawn bodies, precision rolled or machine cut threads, and leak-proof construction throughout. Rigid or flexible spouts may be had in a variety of styles and sizes.

Eagle Oilers with *Transparent Bodies* are the modern oils for mill, factory and farm use. They save time and prevent mistakes. All have *double-seamed* leak-proof bottoms. The plastic body material is unaffected by oil, gasoline, or kerosene.



**FLEXO-SPOUT FILLER CAN.** For boats or for general use. Valve and air vent operate automatically. Available in ¼, 2½ and 5 gallon capacities.



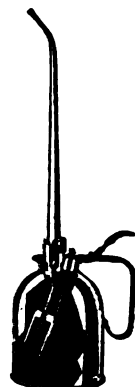
**TROWELS.** Eagle Trowels are made of hard, bright steel. No rivets. Improved design gives perfect balance. Three styles: Pointing, Brick and Plaster.



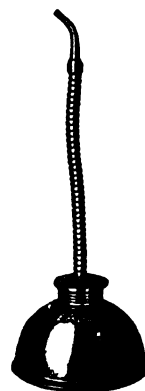
**JEWEL ASSORTMENT.** Displays 2 dozen improved Transparent "Scan-Cans." Assorted sizes of these popular oilers in Red, Green, Blue, Amber and Crystal.



**SOLDER-LESS TRU-BLUE OILERS** with seamless drawn heavy steel bodies. Durable blue finish on bodies assures easier grip. Carbon steel bottoms seamed to bodies. Most economical oiler for Mills, Mines, Factories, Foundries, Garages, etc.



**IMPROVED HYDRAULIC PUMP OILERS** that far surpass all others in ease of operation, serviceability and durability. Pumps any kind of oil. Seamless drawn steel bodies. Acetylene welded spouts. Coppered finish. Available with upright, angle or flexible spouts.



**113F FLEXIBLE SPOUT OILERS** for hard-to-reach oiling vents. Copper plated steel with reinforced insert type spouts. Drawn seamless steel bodies. Spring steel bottoms. For farm, household, or shop use.



**RAINBOW DISPLAY.** Displays ½ dozen Improved Hydraulic Pump Oilers. Enamored Red, Green, and Blue in equal quantities. Popular size. Fast moving merchandise. ¼ pint capacity. 6" Welded Steel bent spouts.



**NO. 32 OILER DISPLAY.** Displays one dozen of the popular size No. 32 copper plated oilers. ½ pint capacity. 3" straight spout.



**NO. 05 ASSORTMENT.** Displays 5¢ copper plated household oilers in the following sizes: 2 dozen ½ oz. capacity with 1½" and 2" spouts.



**ECONOMY ASSORTMENT.** Displays one dozen enamored Harvester or Utility Oilers. ¼ pint capacity. 3" diameter. 4" reinforced insert type spouts.

Ask your Jobber about the complete Eagle line . . . or write to us for information.

**EAGLE MANUFACTURING COMPANY** Dept. HAD **WELLSBURG, WEST VIRGINIA**

## RIDDLES, Foundry

Jelliff (C. O.) Mfg. Co., Southport, Conn.  
Jelliff (Geo. H.) & Son, New Canaan, Conn.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

RIDDLES—See Sieves, Ash

RIDGE ROLL—See Rolls, Ridge

RIDGE ROLL FASTENERS—See Fasteners, Ridge Roll

RIDGING, Plain and Ornamental—See Rolls, Ridge

RIDING SADDLE PADS—See Pads, Riding Saddle

RIDING SADDLES—See Saddles, Riding

RIFLE BRUSHES—See Brushes, Firearms

RIFLE CARTRIDGES—See Cartridges, Rifle

RIFLE CASES—See Cases, Gun

RIFLE CLEANING RODS—See Rods, Cleaning, Gun and Rifle

RIFLE COVERS—See Cases, Gun

RIFLE GREASES—See Greases, Rifle, Shot Gun, Etc.

RIFLE SCORE BOOKS—See Books, Score, Rifle and Pistol

RIFLE SHOOTING MEDALS—See Medals, Rifle and Pistol Shooting

RIFLE SHOOTING TROPHIES—See Trophies, Rifle and Pistol Shooting

RIFLE SIGHTS—See Sights, Firearms

RIFLE SILENCERS—See Silencers, Gun

RIFLE SLINGS—See Slings, Gun and Rifle

RIFLE TARGETS—See Targets, Rifle

RIFLE TELESCOPES—See Telescopes, Rifle

## RIFLES

(See also Guns, Shot)

Belding & Mull, Inc., Phillipsburg, Pa.  
Griffin & Howe, Inc., 202 E. 44th, New York, N. Y.  
Hamilton (C. J.) & Son, Plymouth, Mich.  
Hart Arms Co., Cleveland, O.  
Hunter Arms Co., Inc., Fulton, N. Y. "L. C. Smith"  
Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
Marlin Firearms Co., New Haven, Conn.  
Mossberg (O. F.) & Sons, Inc., 131 St. John, New Haven, Conn. "Mossberg"  
Remington Arms Company, Inc., Bridgeport, Conn.  
"Fieldmaster," "Gamemaster," "Rangemaster," "Scoremaster," "Speedmaster," "Sportmaster," "Targetmaster," "Woodmaster"

Savage Arms Corp., Utica, N. Y. "Savage," "Stevens"  
Sedgley, R. F., Phila., Pa. "Springfield"  
Springfield Arms Co., Chicopee Falls, Mass.  
Stevens (J.) Arms Co., Div. Savage Arms Corp., Chicopee Falls, Mass. "Buck Horn," "Springfield," "Stevens"  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

RIFLES, Air  
Benjamin Air Rifle Co., 1525 So. 8th, St. Louis, Mo. "Benjamin"  
Crosman Arms Co., Inc., Rochester, N. Y.  
Daisy Mfg. Co., 414 Union, Plymouth, Mich. "Buck Jones," "Buzz Barton" (Lightning-Loader)  
Quackenbush (H. M.), Herkimer, N. Y.  
Upton Machine Co., St. Joseph, Mich.

RIGID STEEL CONDUIT—See Conduit, Rigid Steel

RIGS, Saw, Portable  
American Saw Mill Machy. Co., Hackettstown, N. J.  
Leach Co., Oshkosh, Wis. "Oshkosh"  
Novo Engine Co., Lansing, Mich.  
Stover Mfg. & Engine Co., Freeport, Ill.  
United Engine Co., Lansing, Mich.  
Wallace (J. D.) & Co., Chicago, Ill. "Workace"  
Witte Engine Wks., Kansas City, Mo.  
RIM CEMENT—See Cement, Rim

RIM LOCKS—See Locks, Mortise and Rim

RIMS, Bicycle  
American Wood Rim Co., Onaway, Mich.  
Loddell-Emery Mfg. Co., Alma, Mich.  
Williams Steel Wheel & Rim Co., Inc., Utica, N. Y.

RIMS, Carriage and Wagon Wheel  
Sparta Spoke Factory, Inc., Sparta, Tenn.  
RING AUGERS—See Augers, Ring  
RING BOLTS—See Bolts, Ring

RINGERS, Hog  
Decker Mfg. Co., Keokuk, Ia. "Bar Type," "Blair," "Brown," "Fish Hook," "Hold 'Em," "Never-Roat," "Original Hill," "Universal," "Wolverine"  
Lakeside Malleable Castings Co., Racine, Wis.  
"Hill"  
Lindeman, H. H., Aplington, Ia. "De Neui"  
Pratt (Wm. E.) Mfg. Co., Joliet, Ill.  
Stearns (E. C.) & Co., Syracuse, N. Y.  
Stewart Hog Ring Co., Inc., Paris, Ill.

RINGS, Brass  
Brooks (M. S.) & Sons, Chester, Conn.  
Kenney Mfg. Co., Cranston, R. I. "Drapewell"  
Kirsch Co., Sturgis, Mich.  
Turner & Seymour Mfg. Co., Torrington, Conn.  
Turner & Stanton Co., Norwich, Conn.

RINGS, Bridle—See Harness and Saddlery, Hardware

## RINGS, Bridle, Expansion

Chicago Expansion Bolt Co., 126 S. Clinton, Chicago, Ill.

Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"

RINGS, CURTAIN—See Rings, Pole, Curtain & Drapery

## RINGS, Flush, Drawer, Etc.

Detroit Hdw. Mfg. Co., Detroit, Mich.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

Ludwig (A.) & Co., 75 Spring, New York, N. Y.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
Sargent & Co., New Haven, Conn.  
Stanley Wks., New Britain, Conn.

RINGS, Fruit Jar—See Rubbers, Fruit Jar

## RINGS, Hog

Chambers Bering-Quinlan Co., Decatur, Ill.  
Decker Mfg. Co., Keokuk, Ia. "Bar Type," "Blair," "Brown," "Fish Hook," "Hold 'Em," "Never-Roat," "Original Hill," "Universal," "Wolverine"  
Pratt (Wm. E.) Mfg. Co., Joliet, Ill. "Blair," "Brown," "Champion," "Fish Hook," "Hill," "Major," "Perfect," "Perfection," "Wolverine"  
Stewart Hog Ring Co., Paris, Ill.  
Weber-Kirch Mfg. Co., Keokuk, Ia.

## RINGS, Iron and Steel

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
Brooks (M. S.) & Sons, Chester, Conn. (Malleable)  
Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
Carroll Chain Co., Columbus, O.  
Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S. E., Cleveland, O.  
Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
Imperial Bit & Snap Co., Racine, Wis. (Harness)  
Malleable Iron Fittings Co., Branford, Conn.  
Midland Co., S. Milwaukee, Wis.  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Roehling's (John A.) Sons Co., Trenton, N. J.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

RINGS, Jar—See Rubbers, Fruit Jar

## RINGS, Key

Adams (Henry) Mfg. Co., Chicago, Ill.  
American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
"Brown," "Triumph"  
Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
Buxton, Inc., Springfield, Mass. "Keytainer"  
Cleveland Chain & Mfg. Co., Cleveland, O.  
Corbin Cabinet Lock Co., New Britain, Conn.  
Ferree (E. H.) Co., Lockport, N. Y.  
Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. (French)  
Gray (W. L.) & Co., 1426 W. 3rd, Cleveland, O. "Atlas"  
Hoffman (H.) Co., 6243 N. Western Av., Chicago, Ill.  
Independent Lock Co., Fitchburg, Mass. "Tico"  
Moore, Geo. W., 44 Farnsworth, Boston, Mass. "Matchless"  
North & Judd Mfg. Co., New Britain, Conn.  
Snow & Petrelli Mfg. Co., New Haven, Conn.  
Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad Av., Newark, N. J.  
Special Hdw. Corp., Medford, N. Y.  
Ulrich (B.) Co., Milwaukee, Wis.  
Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
Waterbury Button & Mfg. Co., Waterbury, Conn.  
Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.

## RINGS, Nose, Bull

Allover Mfg. Co., 18th & Flett, Racine, Wis. "Lock-Easy"  
Decker Mfg. Co., Keokuk, Ia. "New Idea"  
Imperial Bit & Snap Co., Racine, Wis.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
North & Judd Mfg. Co., New Britain, Conn.  
Sargent & Co., New Haven, Conn.  
Smith (Seymour) & Son, Inc., Oakville, Conn.  
"Giant," "Self-Piercing," "Standard," "Toros Bronze"  
Wagner Specialty Co., Burlington, Wis. "Piercing"

## RINGS, Pole, Curtain and Drapery

Cooke-Roberts Corp., Orange, Mass.  
Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
Gould-Meserue Co., Inc., 189 Lexington Av., New York, N. Y.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Kirsch Co., Sturgis, Mich. "Spring-Grip"  
Kroder, Reubel Co., Inc., 108 Meeker Av., Bklyn., N. Y.  
Roth, John, 601 Madison Av., New York, N. Y. (Glass)  
Rowe (Henry) Mfg. Co., Newaygo, Mich.  
Stevenson Mfg. Co., South Bend, Ind.  
Stiles (H. A.) & Co., Boston, Mass.  
Turner & Seymour Mfg. Co., Torrington, Conn.

## RINGS and STAPLES

Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.

## RINGS, Trap Door

City Plating & Mfg. Co., St. Louis, Mo.  
Hess (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.  
Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"

Sargent & Co., New Haven, Conn.  
Stover Mfg. & Engine Co., Freeport, Ill.

RINSING TUBS—See Tubs, Rinsing

RIP SAWS—See Saws, Rip

RIPPERS, Slaters' and Shingle—See Tools, Roofing

RIPPING CHISELS—See Chisels, Electricians'; also Chisels, Plumbers'

RIVET CLIPPERS—See Clippers, Bolt and Rivet

RIVET SETS—See Sets, Rivet

RIVET SQUEEZERS—See Squeezers, Rivet

RIVET TONGS—See Tongs, Rivet

RIVETING HAMMERS—See Hammers, Riveting, Forged Steel

## RIVETING MACHINES

Chicago Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill.  
Manufacturers' Belt Hook Co., Chicago, Ill. "Gem"  
Monroe-Witt Mfg. Co., N. Chicago, Ill. "Gem," "Monarch"  
Rock Island Mfg. Co., Rock Island, Ill.  
Smith (F. H.) Mfg. Co., 3047 Carroll Av., Chicago, Ill. "Best Yet," "Pony," "Rex"  
Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Av., Newark, N. J. "Clincher"  
Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Ecco"  
Thomson (J. L.) Mfg. Co., Waltham, Mass.  
Tubular Rivet & Stud Co., Wollaston, Mass.  
Williams (A. C.) Co., Ravenna, O. "Little Giant"

RIVETS—See also Burrs

## RIVETS, Aluminum

Aluminum Co. of America, Pittsburgh, Pa.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Blake & Johnson Co., Waterville, Conn.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Chicago Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill.  
Hassall (John), Inc., 402 Oakland, Bklyn., N. Y.  
Holland Mfg. Co., Baltimore, Md.  
Massillon Rivet & Mfg. Co., Massillon, O.  
National Rivet & Mfg. Co., Waupun, Wis.  
Progressive Mfg. Co., Torrington, Conn.  
Shelton Tack Co., Shelton, Conn.  
Shelton Tubular Rivet Co., Shelton, Conn.  
Townsend Co., New Brighton, Pa.  
Waterbury Brass Goods Corp., Waterbury, Conn.  
York Tack & Nail Wks., York, Pa.

## RIVETS, Belt

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Chase Brass & Copper Co., Waterbury, Conn.  
Chicago Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
Hassall (John), Inc., 402 Oakland, Bklyn., N. Y.  
Holland Mfg. Co., Baltimore, Md. "Superior"  
Manufacturers' Belt Hook Co., Chicago, Ill.  
National Rivet & Mfg. Co., Waupun, Wis.  
Plume & Atwood Mfg. Co., Waterbury, Conn. "Eagle"  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Shelton Tack Co., Shelton, Conn.  
Shelton Tubular Rivet Co., Shelton, Conn.  
Townsend Co., New Brighton, Pa.  
York Tack & Nail Wks., York, Pa.

RIVETS, BIFURCATED—See Rivets, Tubular and Clinch

## RIVETS, Boiler

Atlas Bolt & Screw Co., Cleveland, O.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Oliver Iron & Steel Corp., Pittsburgh, Pa.  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
Townsend Co., New Brighton, Pa.

## RIVETS, Brake Band

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Chase Brass & Copper Co., Waterbury, Conn.  
Chicago Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
Hassall (John), Inc., 402 Oakland, Bklyn., N. Y.  
Holland Mfg. Co., Baltimore, Md. "Superior"  
Manufacturers' Belt Hook Co., Chicago, Ill.  
National Rivet & Mfg. Co., Waupun, Wis.  
Plume & Atwood Mfg. Co., Waterbury, Conn. "Eagle"  
Shelton Tack Co., Shelton, Conn.  
Shelton Tubular Rivet Co., Shelton, Conn.  
Thomson (Judson L.) Mfg. Co., Waltham, Mass.  
Townsend Co., New Brighton, Pa.  
Tubular Rivet & Stud Co., Wollaston, Mass.  
York Tack & Nail Wks., York, Pa.





## FORGED TOOLS

CONSTRUCTION  
MINING

SINCE 1854

AGRICULTURAL  
TRACK

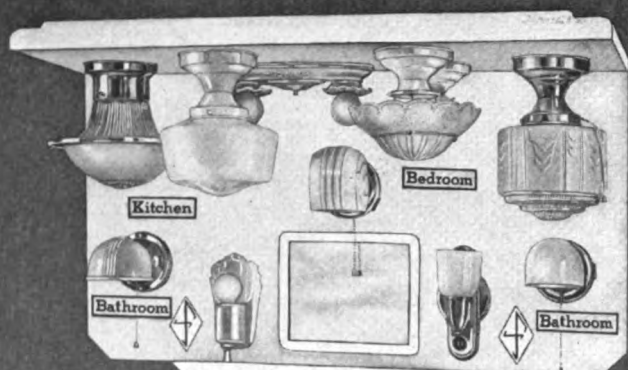
THERE IS NO SUBSTITUTE FOR  
**EXPERIENCE**

THE WARWOOD LINE TODAY REFLECTS  
ACCUMULATED EXPERIENCE FROM  
86 YEARS' CONTINUOUS OPERATION

**WARWOOD TOOL COMPANY**  
WHEELING... WEST VIRGINIA



*Double YOUR MONEY Double YOUR SALES*



WITH NEW MINIATURE **ELECTRIC FIXTURE "STORE"**  
OF BEDROOM, BATHROOM, AND KITCHEN FIXTURES



Why let profitable fixture business and store traffic go somewhere else when it's now so easy to land with the "Diamond F" Electric Fixture "Store." Assortment consists of 50 hand picked, fast selling Lighting Fixtures furnished in Chrome, Ivory, Ivory Poly, White Enamel and Porcelain—priced for quick resale! The "Store" (beautifully finished in white with red trim, and embellished with a mirror) comes completely equipped with all fittings and drilled for

wiring; anyone can wire it and attach the 11 quick turnover all year selling numbers (shown in illustration).

Order from your jobber. Write for complete 48 pg. catalog of Residential and Commercial Fixtures

Jobbers! Write at once for special prices and order sample for display.

**THE FRANKELITE CO.**

50 Fixtures Retail at \$99.84  
Cost Dealer..... 41.34  
**PROFIT \$58.50**

2623 E. 51st St.,  
Cleveland, Ohio.



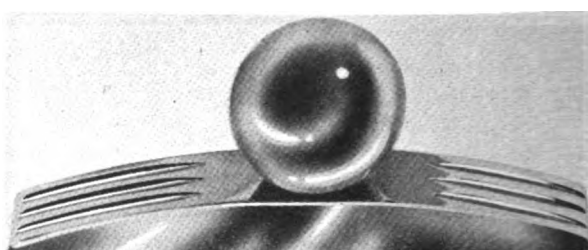
Order No. 160-B.C. Vaughan's Improved CAN OPENER COMBINATION... BOTTLE OPENER... CORK SCREW... AND A NEW OPENER FOR ALL CANNED LIQUIDS! The only complete Can Opener Combination on the market, at a popular price. Packed on individual display cards. One dozen to the box. A fine seller. Send for prices.



### Vaughan's SAFETY ROLL JR. CAN OPENER

No. 170-W. The only can opener that cuts the top out of SQUARE, round, or oval cans and leaves a safety rolled edge. Best seller. More than fifty million sold. Individually packed on three-color display card. Two dozen to the box. Order now.

**VAUGHAN NOVELTY MFG. CO. INC.**  
3211-25 CARROLL AVE. CHICAGO, ILL.



Style No. 500 Draw Pull. Solid Chromium with Plastic Ball, 3 1/2 inches wide; ball, 1 inch. Retail at 35 cents.

Plastic Knobs made in Red, Green, Black, Ivory, Blue and Walnut. Packed, 1 doz. to box.

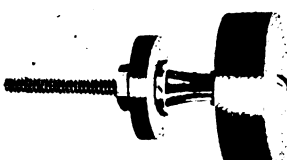


No. 1500 Drawer Knobs. Catalin. Retail at 10 cents. (Illustration 3/4 size.)

### MODERN DRAWER PULLS THAT PULL TRADE

The Drawer Pulls and Drawer Knobs shown are Modernized right up-to-date. They are sturdily made, beautifully finished, outstanding sellers to modern home owners. Our line is in constant demand.

**VALUE SPECIALTY  
MANUFACTURING CO.**  
10 Van Buren St., Brooklyn, N. Y.

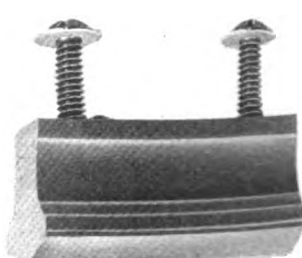


No. 1200 Drawer Knobs. Catalin. Retail at 10 cents. (Illustration 3/4 size.)

No. 120 Drawer Pulls. Plastic. With 2 Machine Screws. Sizes: 3" and 2".

3" Retail at 20c.

2" Retail at 15c.



# RIVETS, Brass and Copper

Atlas Bolt & Screw Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas," Sunburst  
Blake & Johnson Co., Waterbury, Conn. "Star Brand"  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Chase Brass & Copper Co., Waterbury, Conn.  
Chicago Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill.  
Clendenin Bros., Inc., 110 South, Baltimore, Md.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
General Mfg. Co., Waterbury, Conn.  
Hassall (John), Inc., 402 Oakland, Bklyn., N. Y.  
Holland Mfg. Co., Baltimore, Md. "Superior"  
Hussey (C. G.) & Co., Pittsburgh, Pa.  
Manufacturers' Belt Hook Co., Chicago, Ill.  
National Rivet & Mfg. Co., Waupun, Wis.  
National Screw & Mfg. Co., Cleveland, O.  
Plume & Atwood Mfg. Co., Waterbury, Conn. "Eagle"  
Progressive Mfg. Co., Torrington, Conn.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Revere Copper & Brass, Inc., 230 Park Av., New York, N. Y.  
Shelton Tack Co., Shelton, Conn.  
Shelton Tubular Rivet Co., Shelton, Conn.  
Steele & Johnson Mfg. Co., Waterbury, Conn.  
Stimpson (E. B.) Co., 68 Franklin Av., Bklyn., N. Y.  
Taunton Rivet Works, Taunton, Mass.  
Thomson (Judson L.) Mfg. Co., Waltham, Mass.  
Townsend Co., New Brighton, Pa.  
Tubular Rivet & Stud Co., Wollaston, Mass.  
Waterbury Brass Goods Corp., Waterbury, Conn.  
York Tack & Nail Wks., York, Pa.

RIVETS, Clinch—See Rivets, Tubular and Clinch

# RIVETS, Coopers'

Atlas Bolt & Screw Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
National Rivet & Mfg. Co., Waupun, Wis.  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Townsend Co., New Brighton, Pa.

RIVETS, Copper—See Rivets, Brass and Copper

# RIVETS, Galvanized

Atlas Bolt & Screw Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
(Also Cadmium Plated)  
Hassall (John), Inc., 402 Oakland, Bklyn., N. Y.  
National Rivet & Mfg. Co., Waupun, Wis.  
Stimpson (Edwin B.) Co., 68 Franklin Av., Bklyn., N. Y.  
Townsend Co., New Brighton, Pa.  
Tubular Rivet & Stud Co., Wollaston, Mass.  
Wilson Steel & Wire Co., Chicago, Ill.

# RIVETS, Golf Stud

Atlas Tack Corp., Fairhaven, Mass. "Atlas"

RIVETS, Iron—See Burrs and Rivets, Iron

# RIVETS, Iron and Steel

Atlas Bolt & Screw Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Bethlehem Steel Co., Bethlehem, Pa.  
Blake & Johnson Co., Waterbury, Conn.  
Bloss Bolt & Nut Co., Chicago, Ill.  
Buffalo Bolt Co., N. Tonawanda, N. Y.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Hampton Rivet Co., Cleveland, O. "Victor"  
Chicago Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill. (Tubular & Split)  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
Columbus Bolt Wks. Co., Columbus, O.  
Corry (E. W.) Screw Products, Inc., 8219 Almira Av., Cleveland, O. (Stainless Steel)  
Farland Mfg. Co., Pittsburgh, Pa.  
General Mfg. Co., Waterbury, Conn.  
General Screw Mfg. Co., 3217 W 47th, Chicago, Ill.  
Hassall (John), Inc., 402 Oakland, Bklyn., N. Y.  
Holland Mfg. Co., Baltimore, Md.  
Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland, O.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Manufacturers' Belt Hook Co., Chicago, Ill. (Steel)  
Milton Mfg. Co., Milton, Pa.  
National Rivet & Mfg. Co., Waupun, Wis.  
Nelson Nut Bolt Co., Pittsburgh, Pa. "Nubolt"  
Nelson Rivet Co., Taunton, Mass.  
New England Screw Co., 44 Farnsworth, Boston, Mass.  
Oliver Iron & Steel Co., Pittsburgh, Pa.  
Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
Progressive Mfg. Co., Torrington, Conn.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
Republic Steel Corp., Republic Bldg., Cleveland, O.  
Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"  
Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"

Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
Scovill Mfg. Co., Waterbury, Conn.  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Shelton Tack Co., Shelton, Conn.  
Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
Stimpson (Edwin B.) Co., 68 Franklin Av., Bklyn., N. Y.  
Thomson (Judson L.) Mfg. Co., Waltham, Mass.  
Townsend Co., New Brighton, Pa.  
Tubular Rivet & Stud Co., Wollaston, Mass.  
York Tack & Nail Wks., York, Pa.

# RIVETS, Monel

Atlas Bolt & Screw Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Chicago Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
Hassall (John), Inc., 402 Oakland, Bklyn., N. Y.  
National Rivet & Mfg. Co., Waupun, Wis.  
Stimpson (Edwin B.) Co., 68 Franklin Av., Bklyn., N. Y.

# RIVETS, Shovel

Atlas Bolt & Screw Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Townsend Co., New Brighton, Pa.

RIVETS, SPLIT—See Rivets, Tubular and Clinch

RIVETS, Steel—See Rivets, Iron and Steel

# RIVETS, Stove

Atlas Bolt & Screw Co., Cleveland, O.  
Berry Bros., Columbus, O.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
Ohio Nut & Bolt Co., Berea, O.  
Reading Screw Co., Norristown, Pa.  
Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
Townsend Co., New Brighton, Pa.

# RIVETS, Structural

Atlas Bolt & Screw Co., Cleveland, O.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Townsend Co., New Brighton, Pa.

# RIVETS, Tank

Atlas Bolt & Screw Co., Cleveland, O.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Townsend Co., New Brighton, Pa.

# RIVETS, Tinner's

Atlantic Steel Co., Atlanta, Ga. "Dixsteel"  
Atlas Bolt & Screw Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Berry Bros., Columbus, O.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
Hassall (John), Inc., 402 Oakland, Bklyn., N. Y.  
Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
National Rivet & Mfg. Co., Waupun, Wis.  
Nelson Rivet Co., Taunton, Mass.  
Ohio Nut & Bolt Co., Berea, O.  
Plume & Atwood Mfg. Co., Waterbury, Conn. "Eagle"  
Reading Screw Co., Norristown, Pa.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Townsend Co., New Brighton, Pa.  
Tubular Rivet & Stud Co., Wollaston, Mass.  
United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
Wilson Steel & Wire Co., Chicago, Ill.

# RIVETS, Trunk

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Chicago Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill.  
Cobb & Drew, Inc., Plymouth, Mass. "Plymouth"  
Hassall (John), Inc., 402 Oakland, Bklyn., N. Y.  
National Rivet & Mfg. Co., Waupun, Wis.  
National Screw & Mfg. Co., Cleveland, O.  
Penn Rivet Corp., 3rd & Huntington, Phila., Pa.  
Plume & Atwood Mfg. Co., Waterbury, Conn. "Eagle"  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Stimpson (Edwin B.) Co., 68 Franklin Av., Bklyn., N. Y.  
Townsend Co., New Brighton, Pa.

# RIVETS, Tubular and Clinch

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Chicago Rivet & Machine Co., 1835 S. 54th Av., Chicago, Ill.  
Continental Screw Co., New Bedford, Mass. "Holtite" (Tubular)  
Holland Mfg. Co., Baltimore, Md. "Superior" (Tubular and Split)  
Manufacturers' Belt Hook Co., Chicago, Ill. (Tubular)

National Rivet & Mfg. Co., Waupun, Wis.  
Penn Rivet Corp., 3rd & Huntington, Phila., Pa.  
Shelton Tack Co., Shelton, Conn.  
Shelton Tubular Rivet Co., Shelton, Conn.  
Standard Belt Fastener Co., 168 Water, Unionville, Conn. (Split)  
Stimpson (Edwin B.) Co., 70 Franklin Av., Bklyn., N. Y.  
Thomson (Judson L.) Mfg. Co., Waltham, Mass.  
Tubular Rivet & Stud Co., Wollaston, Mass.  
RIVETED PIPE—See Pipe, Riveted  
RIVETING WASHERS—See Burrs, Copper & Brass  
ROACH POWDER—See Powder, Roach  
ROACH TRAPS—See Traps, Roach, Glass  
ROAD DRAGS—See Scrapers, Drag  
ROAD SCRAPERS—See Scrapers, Drag  
ROAD WARNING TORCHES—See Torches, Road Warning

# ROADBEDS, Felt, Model Train

Fidelity Felt Co., Front & Venango, Phila., Pa. "Fidelity"

# ROASTERS

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
Aluminum Goods Mfg. Co., Manitowoc, Wis.  
"Comet," "Mirror," "Vapo-Seal"  
Aluminum Products Co., La Grange, Ill. "Lifetime," "Thermaware"  
American Aluminum Mfg. Co., Lemont, Ill. "American Maid"  
Behrens (H.) Mfg. Co., Winona, Minn.  
Bellair Enamel Co., Bellair, O. "White House"  
Brannon, Inc., 14807 Third Av., Detroit, Mich. "Zephyr" (Electric)  
Bremser Aluminum Corp., New Washington, O. "Dr. Koch"  
Buckeye Aluminum Co., Wooster, O. "Buckeye"  
Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)  
Columbian Enameling & Stamping Co., Terre Haute, Ind. "Blue," "Cesco," "Onyx," "Royal Blue"  
Enterprise Aluminum Co., Massillon, O.  
Everedy Co., Frederick, Md. "Speedy-Clean"  
Federal Enameling & Stamping Co., McKees Rocks, Pa.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E" (Electric)  
Geuder, Paschke & Frey Co., St. Paul, Minn. "Juicy Krip," "Standard"  
Grissold Mfg. Co., Erie, Pa. "Chrome," "Du-Chro," "Silverlike," "Tite-Top"  
Health-Maid, Inc., Cleveland, O.  
Hodges (Wm.) Co., Phila., Pa.  
Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
Kewaskum Aluminum Co., Kewaskum, Wis.  
Lisk Mfg. Co., Canandaigua, N. Y.  
Landers, Frary & Clark, New Britain, Conn. "Universal" (Aluminum & Electric)  
Lodge Mfg. Co., So. Pittsburg, Tenn.  
Marshall Mfg. Co., 5716 Euclid Av., Cleveland, O.  
Moore Enameling & Mfg. Co., W. Lafayette, O.  
"Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco Roastmaster" (Electric)  
National Pressure Cooker Co., Eau Claire, Wis.  
Polar Ware Mfg. Co., Sheboygan, Wis.  
Proctor Electric Co., 7th & Tabor Rd., Phila., Pa. (Electric)  
Samson-United Corp., Rochester, N. Y. "Red Seal" (Electric)  
Savory, Inc., 591 Ferry, Newark, N. J.  
Stainless Steel Products Co., La Grange, Ill. "Lifetime" (Stainless Steel)  
Swartzbaugh Mfg. Co., Toledo, O. "Everhot," "Ideal" (Electric)  
Toledo Stamping & Mfg. Co., Toledo, O.  
United States Stamping Co., Mountville, W. Va.  
Vollrath Co., Sheboygan, Wis. "Kook-King"  
Wagner Mfg. Co., Sidney, O. "Drip-Drop"  
West Bend Aluminum Co., West Bend, Wis.  
Westinghouse Electric & Mfg. Co., Mansfield, O. "Adjust-O-Matic," "Electro-Speed" (Electric)

# ROASTERS, Frankfurter and Hamburger

Collis Co., Clinton, Ia.  
Hamblin & Russell Mfg. Co., Worcester, O.  
Hamlin Metal Products Co., 50 W. Exchange, Akron, O. "Bestway"  
Michigan Wire Goods Co., Niles, Mich.  
Washburn Co., Worcester, O.  
ROASTING OVENS—See Ovens, Baking, Portable  
ROBE HOOKS—See Hooks, Coat & Hat  
ROBE LOCKS—See Locks, Robe  
ROCK CRUSHERS—See Crushers, Rock  
ROCK SALT—See Salt, Rock  
ROCK WOOL—See Wool, Mineral  
ROCKING CHAIRS, Children's—See Chairs, Children's  
ROCKING HORSES—See Horses, Hobby, Rocking  
ROD CASES—See Cases, Rod  
ROD CEMENT, Fishing—See Cement, Rod, Fishing  
ROD COVERS—See Cases, Rod  
ROD CUTTERS—See Cutters, Rod, Wire and Bar  
ROD FIBRE—See Fibre Sheet, Rod, etc.  
ROD SOCKETS—See Sockets, Pole and Rod  
ROD UNITS—See Elements, Electric Heating

# The only heater in America with Synco-Matic Mechanical Draft!



MODEL 1213 SUPER

MODEL 1210 SUPER

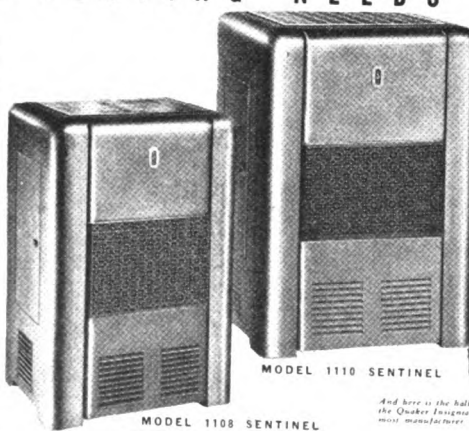
**QUAKER BURNOIL SUPER SERIES.** Here is tomorrow's heater—TODAY! A heater that is absolutely independent of the chimney except as a vent . . . a heater that supplies both oil and air to the burner in scientifically determined proportions . . . a heater that assures the lowest operating costs ever obtained with ANY oil-burning space heater! It will deliver full capacity in any installation—will perfectly fulfill its task of heating where no other heater could begin to perform! Exclusive, patented Quaker Synco-Matic Mechanical Draft makes this performance possible—but this is only one feature. T-shaped Heating Drum provides 46% greater heating surface. Optional Thermo-Controlled Forced Circulation offers perfect heat delivery. Radiators on each side permit "spot" heat when desired. Front Dial Console Design adds distinctive beauty to any room.



## QUAKER REACHES INTO TOMORROW TO FULFILL *today's* HEATING NEEDS

**QUAKER BURNOIL SENTINEL SERIES.** Dependability and economy of operation—low turndown and widest range of clean-burning flame . . . these features, which have long made Quaker the leader of its field, are brought to their highest degree of perfection with natural draft in the Quaker Sentinel Series. And, if desired now or at any future time, the Sentinel can be equipped with the plus advantages of Mechanical Draft. Featuring new Console-type Cabinet, there is no denying the regal beauty of the Sentinel—while its perforated Front Grille provides a plus comfort zone around the heater. Radiators make possible "spot" heat—and optional Thermo-Controlled Forced Circulation assures the most comfortable delivery of forced circulation offered on any heater.

**QUAKER BURNOIL CHALLENGER SERIES.** The Quaker Challenger offers you the foremost name in oil heating, priced to challenge comparison with heaters of unknown make—and available with features at least a year ahead of the field! Large Perforated Grille provides wide-angle heat distribution—combines the advantages of both a radiant and a circulating heater in one unit. Famous Quaker Economiser Burner, the same as used on more expensive Quaker models, assures dependable, carefree heat—and can be equipped, now or at any future time, with oil heat's greatest advancement: Mechanical Draft. This is your assurance that the Quaker Sentinel is one heater that will not become obsolete in a few years' time! Perfected Forced Circulation, too, is available if desired to make this the most complete heater in its price bracket ever offered!



MODEL 1113 SENTINEL

MODEL 1110 SENTINEL

MODEL 1108 SENTINEL



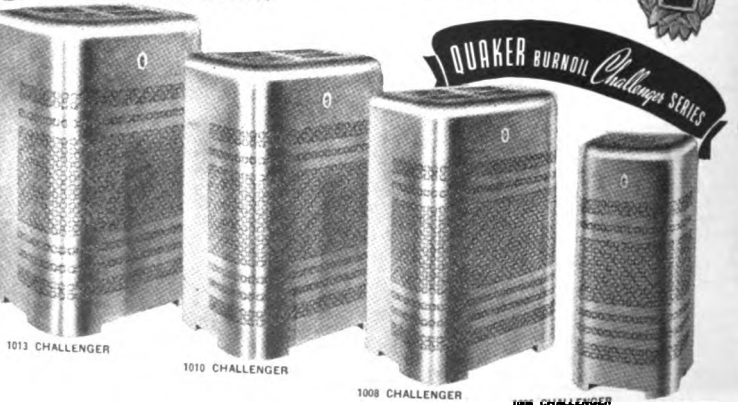
The seal of the Institute of Cooking and Heating Appliances Manufacturers certifies to accurate testing.

And here is the hallmark of the highest quality in the industry—the Quaker Design. It is the trade-mark of the oldest and foremost manufacturer of oil-burning space heaters in the country.

SPECIFICATIONS AND HEATING CAPACITIES												
MODEL NUMBER	1006	1008	1010	1013	1108	1110	1113	1210	1213	1213	1213	1213
Diam. burner, in.	6	8	10	13	8	10	13	10	13	13	13	13
Height over-all, in.	31 1/2	39	42	37	39	42	37	39	42	39	42	47
Width over-all, in.	18	22	26	29	25	27	30	32	32	35	35	35
Depth incl. tank, in.	19	25	28 1/2	29 1/2	29	30	33	30	33	32	33	37
Cap. fuel tank, gal.	2	4	5 1/4	5 1/4	4	5 1/4	5 1/4	7 1/4	7 1/4	7 1/4	7 1/4	4 1/2
Ht. top flueoutlet, in.	22	25	25	25	25	25	25	25	25	25	25	44
Appr. shpg. wt., lbs.	70	110	127	160	130	151	175	182	217	217	217	170
Av. Htg. Cap. Cu. Ft. 2 Wall Exposure												
South	5,500	7,800	8,300	13,000	7,800	9,300	13,000	13,000	17,000	14,000		
South Central	4,100	5,800	7,000	9,700	5,800	7,000	10,000	10,000	12,500	10,500		
North Central	3,300	4,400	5,500	7,700	4,600	5,600	8,000	8,000	10,000	8,400		
Extreme North	2,900	3,900	4,700	6,500	3,900	4,700	6,700	6,700	8,300	7,000		
4 Wall Exposure												
South	4,100	5,800	7,000	9,700	5,800	7,000	10,000	10,000	12,500	10,500		
South Central	3,100	4,400	5,200	7,200	4,800	5,200	7,500	7,500	9,400	7,900		
North Central	2,500	3,500	4,200	5,800	3,500	4,200	6,000	6,000	7,500	6,200		
Extreme North	2,100	2,900	3,500	4,800	2,900	3,500	5,000	5,000	6,200	5,200		

Construction and design of Quaker Burnoil Heaters are covered by U. S. Patents Nos. 1860847, 1700428, 1945999, 2157413. Other Patents Pending.

**QUAKER MANUFACTURING COMPANY**  
221 W. ERIE STREET, CHICAGO, ILL.



1013 CHALLENGER

1010 CHALLENGER

1008 CHALLENGER

1006 CHALLENGER

Mention Hardware Age When Writing



**RODS, Barrel Gaging and Wantage**

Lufkin Rule Co., Saginaw, Mich.

**RODS, Cleaning, Gun and Rifle**

(See also Brushes, Firearms; also Cleaners, Gun)

Faris Mfg. Co., Decatur, Ill. "Power"

Hartigan, W. R., Collinsville, Conn.

Johnson's (Iver) Arms &amp; Cycle Wks., Fitchburg, Mass.

Marble Arms &amp; Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble's"

National Sewing Machine Co., Belvidere, Ill.

National Target &amp; Supply Co., 1255 25th, N. W., Washington, D. C.

Perfection Mfg. Co., St. Louis, Mo.

Stevens (J.) Arms Co., Div. Savage Arms Corp., Chicopee Falls, Mass.

Union Hdw. Co., Torrington, Conn. "Eureka"

Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

**RODS, Clothes Closet, Extension**

Garden City Pitting &amp; Mfg. Co., Chicago, Ill.

Imperial Bit &amp; Snap Co., Racine, Wis. "Imperial"

Judd (H. L.) Co., Inc., Wallingford, Conn.

Kirsch Co., Sturgis, Mich.

Knappe-Vogt Mfg. Co., Grand Rapids, Mich. "K-Ventures"

Modern Metal Products Co., 581 Boylston, Boston, Mass. "All-Space," "Dubble-Space"

Stanley Wks., New Britain, Conn.

Washburn Company, Worcester, Mass. "Porter"

**RODS, Curtain**

Boye (James H.) Mfg. Co., 4117 N. Kirkpatrick Av., Chicago, Ill.

Gould-Merceron Co., Inc., 189 Lexington Av., New York, N. Y.

Henry (C. P.) Novelty Co., Providence, R. I.

Johnson-Clafin, Inc., Marlboro, Mass. "Marlboro"

Judd (H. L.) Co., Inc., Wallingford, Conn. "Bluebird"

Kenney Mfg. Co., Cranston, R. I. "Drapewell"

Keystone Brass &amp; Rubber Co., Broad &amp; Lehigh Av., Phila., Pa.

Kirsch Co., Sturgis, Mich. "Gold Seal," "Pioneer"

Krischer Trading Corp., 210 Taaffe Pl., Bklyn., N. Y. "Knight Brand"

Kroder, Reubel Co., Inc., 108 Meeker Av., Bklyn., N. Y.

Moriarty Mfg. Co., 5819-19th Av., Kenosha, Wis. "Easy-Up"

Newell Mfg. Co., Ogdensburg, N. Y. "Newico"

Paramount Wire Co., Inc., 98 Bleeker, New York, N. Y.

Roth, John, 601 Madison Av., New York, N. Y.

Washburn Company, Worcester, Mass.

Western Newell Mfg. Co., Freeport, Ill.

Winsted Hdw. Mfg. Co., Winsted, Conn.

Youngstown Mfg. Co., Youngstown, O. "Superior"

**RODS, Curtain, Sash**

Gould-Merceron Co., Inc., 189 Lexington Av., New York, N. Y.

Johnson-Clafin, Inc., Marlboro, Mass. "Marlboro"

Judd (H. L.) Co., Inc., Wallingford, Conn.

Kenney Mfg. Co., Cranston, R. I. "Drapewell"

Kirsch Co., Sturgis, Mich.

Krischer Trading Corp., 210 Taaffe Pl., Bklyn., N. Y. "Knight Brand"

Kroder, Reubel Co., Inc., 108 Meeker Av., Bklyn., N. Y.

Newell Mfg. Co., Ogdensburg, N. Y. "Newico"

Res Mfg. Co., Milwaukee, Wis.

Tate (E. H.) Co., 251 Causeway, Boston, Mass.

Venus Specialties Co., 1715 8th Av., Bklyn., N. Y.

Washburn Company, Worcester, Mass.

Western Newell Mfg. Co., Freeport, Ill.

Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. "Fowler"

Winsted Hdw. Mfg. Co., Winsted, Conn.

Youngstown Mfg. Co., Youngstown, O. "Superior"

**RODS, Dowel, Wooden**

Ames Mfg. Co., Centre Ossipee, N. H.

Columbus Hdl. &amp; Tool Div. American Fork &amp; Hoe Co., 1623 Euclid Av., Cleveland, O.

Cooke-Roberts Corp., Orange, Mass.

Cummings (C. B.) &amp; Sons Co., Norway, Me.

Dennis (W. J.) &amp; Co., 2110 W. Lake, Chicago, Ill.

Despres Dowel Mfg. Co., Grand Rapids, Mich.

Maine Skewer &amp; Dowel Co., 84 N. Main, Farmington, Me. "Bestix"

Mitchell Bros. Co., Kalaska Hdl. Co. Div., Cadillac, Mich.

Rowe (Henry) Mfg. Co., Newaygo, Mich.

Saunders Bros., Westbrook, Me.

Saunders Co., Bridgton, Me.

South Bend Dowel &amp; Mfg. Co., So. Bend, Ind.

Stowell-McGregor Co., Dixfield, Me.

Thurston (H. T.) &amp; Son, Bethel, Me.

Thurston (J. A.) Co., Bethel, Me.

**RODS, Filler—See Rods, Welding****RODS, Fishing, Split Bamboo**  
(See Also Poles, Bamboo)

Divine (F. D.) Co., Utica, N. Y. "Gloriwest"

Enterprise Mfg. Co., Dept. HA, Akron, O. "Corsair," "Daze," "Goodyear," "Flexo," "King-Bee," "Official," "Rivlake," "Rocky River," "Saltaire," "Sentry," "Silver Lake," "Security," "Stanby," "Thrifte," "Tidewater," "Trojan," "Twin Ocean"

Goodwin Granger Co., 431 Grant, Denver, Colo.

"Aristocrat," "Champion," "Deluxe," "Favorite," "Granger," "Premier," "Special," "Victory"

Heddon's (James) Sons, Dowagiac, Mich.

Hildebrandt (J. J.) Co., Logansport, Ind.

Hoag (M. E.) Fly &amp; Tackle Co., Los Angeles, Calif.

Horrocks-Ibbotson Co., Dept. S., Utica, N. Y. "Hexi-Super-Cane"

Horton Mfg. Co., Bristol, Conn. "Bristol," "Edward"

Leonard (H. L.) Rod Co., 21 Park Place, New York, N. Y.

Montague Rod &amp; Reel Co., Montague City, Mass.

"Brownie," "Campbell River," "Clipper," "Comet," "Cruiser," "Flashkill," "Flash," "Flipline," "Manitou," "Offshore," "Rapidan," "Red Wing," "Senate," "Splitswitch," "Sun-Beam," "Trail"

Orvis (C. F.) Co., Manchester, Vt.

Parker Bros., Meriden, Conn. "Parker-Hawes"

Payne (F. F.) Rod Co., Highland Mills, N. Y.

Shakespeare Co., Kalamazoo, Mich.

South Bend Bait Co., South Bend, Ind.

Thomas Rod Co., Bangor, Maine

Union Hdw. Co., Torrington, Conn. "Union"

**RODS, Fishing, Steel**

A. &amp; J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.

"A-B-C" Bait &amp; Mfg. Co., 438 Bates, Detroit, Mich.

"A-B-C"

American Fork &amp; Hoe Co., Geneva, O. "American Boy," "Aristocrat," "Challenge," "Invincible," "Oxford," "Pennant," "Power Master," "Professional," "Toledo," "True Temper"

Enterprise Mfg. Co., Dept. HA, Akron, O. "Acehi," "Cavalier," "Roamer," "Sentry," "Servwel," "Siren"

Gephart Mfg. Co., 224 W. Illinois, Chicago, Ill.

"Gep," "Nu-Grip"

Heddon's (James) Sons, Dowagiac, Mich.

Horrocks-Ibbotson Co., Dept. S., Utica, N. Y. "De-flance," "Mohawk," "Utica"

Horton Mfg. Co., Bristol, Conn. "Bristol"

Nelson Pistolgrip Rod, 1010 Franklin Pl., Rockford, Ill. "Pistolgrip"

Paw Paw Bait Co., Paw Paw, Mich.

Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Av., Niagara Falls, N. Y. "Premax"

Richardson Rod &amp; Reel Co., Chicago, Ill. "All-Star," "Brookside," "Champion"

Shakespeare Co., Kalamazoo, Mich.

South Bend Bait Co., South Bend, Ind. "Cross"

Union Hdw. Co., Torrington, Conn. "Union," "Vim"

United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Unitool"

**RODS, Ground**

Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Av., Niagara Falls, N. Y. "Premax"

**RODS, Lightning**

Boston Lightning Rod Co., Boston, Mass.

Burkett Lightning Rod Co., Fremont, O.

Dooley Lightning Rod Co., Topeka, Kan.

Moore Bros. Lightning Rod Co., Marysville, Mo.

Roebling's (John A.) Sons Co., Trenton, N. J.

Schrager &amp; Johnson, Inc., 400 Walnut, Atlantic, Ia. "Chief"

West Dodd Lightning Conductor Corp., Goshen, Ind.

**RODS, Mitre, Plasterers'**

Atkins (E. C.) &amp; Co., Indianapolis, Ind.

Diaston (Henry) &amp; Sons, Inc. (Tacony), Phila., Pa.

Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"

Marshalltown Trowel Co., Marshalltown, Ia.

Rose (Wm.) &amp; Bros., Sharon Hill, Pa.

**RODS, Monel Metal, and Nickel**

Alloy Metal Wire Co., Inc., Prospect Park, Pa.

Driver-Harris Co., Inc., Harrison, N. J.

International Nickel Co., Inc., 67 Wall, New York, N. Y. "Monel"

**RODS, Pump, Wood**

Red Jacket Mfg. Co., Davenport, Ia.

**RODS, Stair**

Judd (H. L.) Co., Inc., Wallingford, Conn.

Kirsch Co., Sturgis, Mich.

Kroder, Reubel Co., Inc., 108 Meeker Av., Bklyn., N. Y.

Winsted Hdw. Mfg. Co., Winsted, Conn.

**RODS, Stove and Chair**

American Screw Co., Providence, R. I.

Central Screw Co., 3511 Shields Av., Chicago, Ill.

Continental Screw Co., New Bedford, Mass. "H-tite"

Corbin Screw Corp., New Britain, Conn.

National Screw &amp; Mfg. Co., Cleveland, O.

**RODS, Tank Ball**

Hindley Mfg. Co., Valley Falls, R. I.

Hochberger (J.) Co., 7643 S. Marshfield Av., Chicago, Ill. "Flex-Stem" (Chain)

Keystone Brass &amp; Rubber Co., Broad &amp; Lehigh Av., Phila., Pa.

Perfection Products, Inc., 620 Western Reserve Bldg., Cleveland, O. "Perfection"

Russell (John M.) Mfg. Co., Naugatuck, Conn.

Williams-Bowman Rubber Co., 1939 S. 54th, Chicago, Ill. "Willow"

**RODS, TRANSDOM—See Lifts, Transom****RODS, Welding**

Air Reduction Sales Co., 60 E. 42d, New York, N. Y. "Alroco-D-B."

American Metal Products Co., Milwaukee, Wis.

American Steel &amp; Wire Co., Rockefeller Bldg., Cleveland, O.

Atlas Foundry Co., Cleveland, O. "Free"

Atlas Foundry Co., Irvington, N. J.

Challenge Mch. Co., Grand Haven, Mich. (Cast Iron)

Chicago Hdw. Fdry. Co., No. Chicago, Ill. "Fuse Well"

Chicago Steel &amp; Wire Co., Chicago, Ill. "Weldite"

Federated Metals Corp., Newark, N. J.

Haynes Stellite Co., Kokomo, Ind.

Imperial Brass Mfg. Co., Chicago, Ill.

Indiana Steel &amp; Wire Co., Muncie, Ind.

Linde Air Products Co., 30 E. 42d, New York, N. Y.

McKay Co., 1005 Liberty Av., Pittsburgh, Pa. "McKay"

Modern Eng'g Co., St. Louis, Mo.

Mueller Brass Co., Port Huron, Mich.

Revere Copper &amp; Brass, Inc., 280 Park Av., New York, N. Y. "Weld-Fast"

Ryerson (Jos. T.) &amp; Son, Inc., 16th &amp; Rockwell, Chicago, Ill.

Titan Metal Mfg. Co., Bellefonte, Pa.

Trenton Smelting &amp; Refining Co., Trenton, N. J.

Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**RODS, Wire Steel**

American Steel &amp; Wire Co., Rockefeller Bldg., Cleveland, O.

Bethlehem Steel Co., Bethlehem, Pa.

Continental Steel Corp., Kokomo, Ind.

Keystone Steel &amp; Wire Co., Peoria, Ill.

Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"

Wickwire Bros., Cortland, N. Y.

Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**ROLL DUST MOPS—See Mops, Dust, Roll**

ROLL PAPER CUTTERS—See Cutters, Paper, Roll

ROLLER CHIME TOYS—See Chimes, Roller, Toy

ROLLER MOWERS—See Mowers, Roller

ROLLER SKATE SPEEDOMETERS—See Speedometers, Skate, Roller

ROLLER SKATE WHEELS—See Wheels, Roller Skate

ROLLER SKATES—See Skates, Roller

ROLLER STIPLERS—See Stiplers, Roller

ROLLER WINDOW SCREENS—See Screens, Window, Roller

**ROLLERS, Door, Airport**

Allith-Prouty Mfg. Co., Danville, Ill.

**ROLLERS, Door, Car**

American Logging Tool Co., Ewart, Mich.

Dixie Logging Tool Co., Chattanooga, Tenn.

**ROLLERS, Graining**

Moore (Benj.) &amp; Co., 511 Canal, New York, N. Y. "Vari-Tone"

Stencil Specialty Co., Inc., 24 Eastern Parkway, Jersey City, N. J.

**ROLLERS, Ladder, Safety**

Marless Safety Roller Co., 801 W. Wis. Av., Appleton, Wis. "Marless"

**ROLLERS, Lawn, Hand**

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"

Buch Mfg. Co., Elizabethtown, Pa. "Keystone"

Donaldson Bros., Mt. Clemens, Mich.

Jackson Mfg. Co., Harrisburg, Pa.

Lansing Co., Lansing, Mich.

Stoner-Maurer Co., Monroe, Mich. "Dunham," "Whirl-Wind"

Swett (A. L.) Iron Wks., Medina, N. Y.

Whitehurst (R. W.) Mfg. Corp., Norfolk, Va. "Boss"

**ROLLERS, Lawn, Horse**

Buch Mfg. Co., Elizabethtown, Pa. "Keystone"

Stoner-Maurer Co., Monroe, Mich. "Dunham," "Whirl-Wind"

Whitehurst (R. W.) Mfg. Corp., Norfolk, Va. "Boss"

**ROLLERS, Lawn, Power**

Toro Mfg. Corp., 3042 Snelling Av., Minneapolis, Minn. "Toro"

**ROLLERS, Paper Hangers'**

Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.

Hyde Mfg. Co., Southbridge, Mass.

Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"

Smith (Landon P.) Inc., 130 Coit, Irvington, N. J. "Red Devil"

Stencil Specialty Co., Inc., 24 Eastern Parkway, Jersey City, N. J.

Stephenson Mfg. Co., South Bend, Ind.

Warner Mfg. Co., 801 16th Av., S. E., Minneapolis, Minn.

**BARTLETT****Tree Trimming Tools****No. 777 Two Hand Pruner**

Drop-forged tool steel. Rapid, easy cutter. Blade may be placed next to main limb of tree with book handle held in LEFT hand. Right hand is FREE to operate blade. White ash handles with either plain or strap ferrules.

**No. 43 and 44 Pole Saws**

For pruning larger limbs than our No. 1 Tree Trimmer. No. 43 has 12" drag tooth blade. No. 44 has 16" peg tooth blade with 7 teeth per in. 12 ft. pole recommended for general use for both types. Saw is adjustable to three positions.

**Bartlett No. 1 W Tree Trimmer**

Most powerful compound lever Tree Trimmer made. Severs branches up to 1 1/4" diam. with slightest effort. Pulley and compound lever give 9 to 1 cutting power. Light and easy to handle. Head complete weighs only 1 1/4 lbs. Handles 6 to 16 ft. one piece or sectional.

**Bartlett Compound Lever Snips**

Drop-forged crucible tool steel. Every part built to stand rigid strain. Sizes: 8" to 14". No. 12 size will cut 16 ga. metal easily. Fully guaranteed.

**Bartlett Tree Paint**

Black antiseptic pruning compound (Ant Repellent), for destroying and preventing growth of wood, destroying fungi and for protection of wounds. Easily applied with ordinary paint brush. Will not crack or blister. In 1/2 pint, pint, quart and gallon cans; also 5, 30 and 50 gal. drums. Attractive Counter display contains 8-1/2 pints, 5 pints, 4 quarts @ \$4.75.

**Bartlett Mfg. Co.**  
3034 East Grand Blvd.

Detroit,  
Michigan



Nos. 43  
& 44  
Pole Saw



Compound Lever Snips



No. 1W  
Tree  
Trimmer



ADJUSTABLE MODEL



LADIES CUBAN SIZE

It's a  
Money-  
Maker!

**The FEATHERWEIGHT ICE CREEPER**

Safe, Comfortable Walking  
for Men - Women - Children

The new adjustable model for men is the most convenient creeper in existence—It's automatic—Instantly adjusting to your heel size.

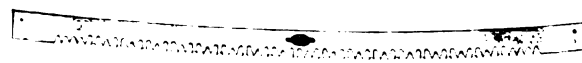
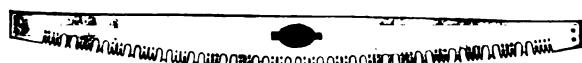
"CREEPER Months  
Become PROFIT Months"  
when you sell the  
FEATHERWEIGHT Line

Our new, modern Display  
Package makes FEATHER-  
WEIGHT Creepers sell them-  
selves.



Heel Styles Re-  
tail at 50¢ and **75¢**  
PAIR  
Instep Style —  
one size only — **25¢**  
Retails at PAIR

**CHURCHILL MFG. CO.** LOWELL, MASS.



**Circular and  
Long Saws. Cord-  
wood and Mill  
Saws.**

Send for com-  
plete illustrated  
Bulletin, S-91.

All Curtis Saws are oil-hardened, tough temper and the teeth are hand filed. Curtis Saws are fast-cutters.

**CURTIS SAW COMPANY**

Established 1854—86th Year

1974 Kienlen Ave.

St. Louis, Mo.

Cable Address "CURTISAW"

**NEW TYPE QUICK LOADING CARTRIDGE**

**CALBAR**  
**Caulk-o-Seal**  
WITH CARTRIDGE EJECTOR GUN

- Caulk-O-Seal is a permanent seal. Holds fast.
- Super-plastic. Weatherproof. Does not stain, chip or crack.
- Saves fuel. Eliminates drafts. Prevents heat waste.
- For inside or outside use. Does not exude oil.
- Easy to apply with trouble-free Calbar Pressure Gun.
- Caulk-O-Seal comes in Tubes, Cans, Drums, CARTRIDGES. Black and 12 Colors.



NEW TYPE CAULK-O-SEAL  
Vulco Fibre Cartridge Lined  
With Cellophane

The New Ejector Cartridge Gun throws out the empty Tube when the cap is removed to re-load—Adaptable for all size Cartridges; also can be changed over for Bulk use.

YOUR JOBBER CAN  
SUPPLY YOU

Send for Folder  
and Color Chart

Attractive Counter  
Displays available.

**CALBAR**  
PAINT & VARNISH CO.  
Mfrs. of Technical Products  
2612-26 N. MARTHA ST.  
PHILADELPHIA, PA.



**ROLLERS, Sash**

Corbin, P. & F., New Britain, Conn.  
 Getty (N. S.) & Co., Inc., 3348 No. 10th St., Phila., Pa.  
 Keil (Francis) & Son, Inc., 401 E. 163d, New York, N. Y. (Ball Bearing)  
 Sargent & Co., New Haven, Conn.

**ROLLERS AND FIXTURES, Shade**

Bailey & Weston, Boston, Mass.  
 Bowser (R. M.) & Son, Renfrew, Pa.  
 Cobabe (Edward C.) Co., 1529 N. Patterson Park Av., Baltimore, Md. "Easy Change" (Fixtures)  
 Columbia Mills, Inc., 225 5th Av., New York, N. Y.  
 Cowles (C.) & Co., New Haven, Conn.  
 Hartshorn (Stewart) Co. (Harrison) Newark, N. J.  
 Haviland Shade Roller Co., 108 E. 16th, New York, N. Y.  
 Rowe (Henry) Mfg. Co., Newaygo, Mich.  
 Schmid Bros., Lancaster, Pa. (Fixtures only)  
 Standard Shade Roller Co., Ogdensburg, N. Y.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Vermont Shade Roller Co., Burlington, Vt.

**ROLLERS, Stay, Barn Door**

Allith-Prouty Inc., Danville, Ill.  
 Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
 Frantz Mfg. Co., Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 National Mfg. Co., Sterling, Ill.  
 Ney Mfg. Co., Canton, O.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Western Products, Inc., Newcastle, Ind.

**ROLLERS, Towel**

Carpenter (E. W.) Mfg. Co., 1665 Railroad Av., Bridgeport, Conn. "Ecco"  
 Handy Things Mfg. Co., Ludington, Mich.  
 Hopkins (L.) Mfg. Co., N. Girard, Pa.  
 Wells (Frank B.) Co., Bristol, N. H.

**ROLLING GRILLES—See Grilles, Rolling****ROLLING LADDERS—See Ladders, Store****ROLLING PIN COVERS—See Covers, Rolling Pin & Pastry Board****ROLLING PINS—See Pins, Rolling****ROLLS, ABRASIVE, COATED—See Abrasives, Coated****ROLLS, Memorandum**

Burgess Co., Inc., Beaver Falls, Pa.  
 Patent Novelty Co., Inc., Fulton, Ill. "Mem-O-Rols"

**ROLLS, Ridge, Roof**

Badger Corrugating Co., La Crosse, Wis.  
 Berger Mfg. Co. Div. Republic Steel Corp., Canton, O. "Berloy"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Braden Mfg. Co., Terre Haute, Ind.  
 Canton Art Metal Co., Canton, O.  
 Continental Steel Corp., Kokomo, Ind.  
 Decatur Corncise & Roofing Co., Albany, Ala.  
 Downman-Doxier Mfg. Co., Atlanta, Ga.  
 Edwards Mfg. Co., Cincinnati, O.  
 Gedge Bros. Iron Roofing Co., Anderson, Ind.  
 Globe Iron Roofing & Corrugating Co., Inc., Newport, Ky.  
 Holzer (R. G.), Est., New Orleans, La.  
 Klauer Mfg. Co., Dubuque, Ia.  
 La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis. "La Crosse"  
 Leadclad Wire Co., Moundsville, W. Va. "Lead-clad"  
 Lyon, Conklin & Co., Baltimore, Md.  
 Messenger & Parks Mfg. Co., Aurora, Ill.  
 Milcor Steel Co., Milwaukee, Wis.  
 New Orleans Roofing & Metal Co., New Orleans, La. "Nola"  
 Newport Rolling Mill Co., Newport, Ky.  
 Norcor Mfg. Co., Green Bay, Wis.  
 Northwest Metal Products, Inc., Seattle, Wash. "Norwesco"  
 Ohio Corrugating Co., Warren, O.  
 Orleans Steel Products Co., New Orleans, La.  
 Parkersburg Iron & Steel Co., Parkersburg, W. Va.  
 Purdy, W. A., Manchester, Vt.  
 Reeves Steel & Mfg. Co., Dover, O.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 St. Paul Corrugating Co., St. Paul, Minn.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Shrauger & Johnson, Inc., 400 Walnut, Atlantic, Ia. "Chic"  
 Souther (E. E.) Iron Co., St. Louis, Mo.  
 Tiffin Art Metal Co., Tiffin, O.  
 York Corrugating Co., York, Pa.

**ROLLS, Tool—See Bags or Rolls, Tool****ROLLS, Wringer, Rubber, Replacement**

American Wringer Co., Woonsocket, R. I.  
 East Rubber Co., East Butler, Pa.  
 Eilat Rubber Co., Akron, O.  
 Goodrich (B. F.) Co., Akron, O.  
 Lovell Mfg. Co., Erie, Pa. (Hand & Power)  
 R-C-A Rubber Co., Akron, O. "Black Beauty," "Snow White"  
 Republic Rubber Co., Youngstown, O.  
 Bervall Co., 4413 Seyburn, Detroit, Mich.

**ROOF BRACKETS—See Brackets, Roof****ROOF COATINGS—See Coatings, Roof****ROOF DRAIN AND VENT CONNECTIONS—See Drains and Vents, Roof****ROOF FLANGES—See Flanges, Roof****ROOF FRAMING TOOLS—See Tools, Framing, Roof****ROOF GUARDS—See Guards, Ice and Snow, Roof****ROOF PAINTS—See Paints, Roof****ROOF RIDGE ROLLS—See Rolls, Ridge, Roof****ROOF SADDLES—See Saddles, Roof****ROOF VENTILATORS—See Ventilators, Roof****ROOFERS' KNIVES—See Knives, Roofers'****ROOFERS' TOOLS and SUPPLIES—See article desired****ROOFING, Asbestos**

Carey (Philip) Co. (Lockland), Cincinnati, O. "Careystone"  
 Flintkote Co., 50 W. 50th, New York, N. Y.  
 Johns-Manville Corp., 22 E. 40th, New York, N. Y.  
 Keasby & Mattison Co., Ambler, Pa.  
 National Asbestos Mfg. Co., 168 Henderson, Jersey City, N. J.  
 Ruberoid Co., 500 5th Av., New York, N. Y.  
 Western Elaterite Roofing Co., Denver, Col. "Elaterite"

**ROOFING, Asphalt**

American Asphalt Roof Corp., Kansas City, Mo. "Old American"  
 Barber Asphalt Corp., Barber, N. J.  
 Barrett Co., 40 Rector, New York, N. Y. "Anchor," "Black Diamond," "Crystal," "Diamond Point," "Elastic," "Panamoid," "Paragon Point," "Plastico," "Protexit," "Sempaphore," "S.I.S.," "Tomahawk," "Vitez," "Walkover"  
 Berkheimer (J. E.) Mfg. Co., Tacoma, Wash. "Home-stead"  
 Bird & Son, Inc., East Walpole, Mass. "Art-Hex," "Paroid," "Proslat"  
 Bishopric Mfg. Co., Cincinnati, O.  
 Carey (Philip) Co. (Lockland), Cincinnati, O.  
 Carpenter-Morton Co., Boston, Mass.  
 Certain-teed Products Corp., 100 E. 42nd, New York, N. Y.

Chatfield Mfg. Co., Div. of Flintkote Co., New Orleans, La. "Paracote"  
 Elaborated Ready Roofing Co., Chicago, Ill.  
 Eureka Mower Co., Utica, N. Y.  
 Flintkote Co., 50 W. 50th, New York, N. Y.  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.

Keystone Roofing Mfg. Co., York, Pa.  
 Lehon Co., Chicago, Ill. "Mule-Hide," "Roofrite"  
 McHenry-Millhouse Mfg. Co., South Bend, Ind. "Chimax," "Durable," "Standard"  
 Mahon (R. C.) Co., Detroit, Mich.  
 National Mfg. Corp., Tonawanda, N. Y. "Safety," "Security"

Parafine Cos., Inc., San Francisco, Cal. "Pabco"  
 Pioneer Flintkote Co., Los Angeles, Cal. "Ready Rock"  
 Piper (J. A.) Roofing Co., Greenville, S. C.  
 Ruberoid Co., 500 Fifth Av., New York, N. Y. "Genuine Ruberoid," "Starex," "Wigwam," "Zy-lux"

Rutland Fire Clay Co., Rutland, Vt. "Rutland"  
 Sonneborn (L.) Sons, 88 Lexington Av., New York, N. Y. "Storm-Tight"  
 Stone & Tar Products Co., 97 S. 6th, Bklyn., N. Y.  
 Texas Co., 17 Battery Pl., New York, N. Y. "Texaco," "Texacoat," "Texalene," "Texawax," "Texene"

Trinidad Asphalt Mfg. Co., St. Louis, Mo.  
 Weaver-Wall Co., 3700 Brookpark Rd., Cleveland, O. "Blue Label," "Buckeye," "Klymax," "Staput"

Western Elaterite Roofing Co., Denver, Col. "Elaterite"  
 Whitaker Paper Co., Cincinnati, O. "Rainyte"  
 White (A. H.) Co., New Orleans, La. "Phaltoid," "Shellene"

**ROOFING CAPS—See Caps, Roofing, Tin****ROOFING CEMENT—See Cement, Roofing****ROOFING CLIPS—See Clips, Roofing****ROOFING FELT—See Sheathing, Building, Felt****ROOFING GRANULES—See Granules, Roofing****ROOFING and SIDING, Metal**

American Rolling Mill Co., Middletown, O.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "USS Stormseal"  
 American Zinc Products, Inc., Green Castle, Ind. "Old Chateau"  
 Ames (W. R.) Co., San Francisco, Cal.  
 Badger Corrugating Co., LaCrosse, Wis.  
 Beatrice Steel Tank Mfg. Co., Beatrice, Neb.  
 Berger Mfg. Co. Div. Republic Steel Corp., Canton, O. "Berloy"  
 Bethlehem Steel Co., Bethlehem, Pa. "Stormproof"  
 Braden Mfg. Co., Terre Haute, Ind.  
 Canonsburg Steel & Iron Wks., Canonsburg, Pa.  
 Carnegie-Illinois Steel Corp., Pittsburgh, Pa. "USS Stormseal"  
 Cincinnati Sheet Metal & Roofing Co., Cincinnati, O. "Magnet," "P. A. T."  
 Cincinnati Stamping Co., Cincinnati, O.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal. "USS Stormseal"  
 Continental Steel Corp., Kokomo, Ind. "Aqua-Tite"  
 "Drainrite," "Tyl-Lyke"  
 Cortright Metal Roofing Co., 2218 Chestnut, Phila., Pa.  
 Dickelman Mfg. Co., Forest, O.

Edwards Mfg. Co., Cincinnati, O. "Edmanco," "Loxseam"

Eller Mfg. Co., Canton, O.  
 Gedge Bros. Iron Roofing Co., Anderson, Ind.  
 Globe Iron Roofing & Corrugating Co., Newport, Ky.  
 Hammond Sheet Metal Mfg. Co., St. Louis, Mo.  
 Inland Steel Co., 38 So. Dearborn, Chicago, Ill.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"

Klauer Mfg. Co., Dubuque, Ia.  
 LaCrosse Steel Roofing & Corrugating Co., LaCrosse, Wis.  
 Leadclad Wire Co., Moundsville, W. Va. "Lead-clad"

Martin Metal Mfg. Co., Wichita, Kan.  
 Messenger & Parks Mfg. Co., Aurora, Ill.  
 Meyer (F.) & Bro. Co., Peoria, Ill. "Handy"  
 Milcor Steel Co., Milwaukee, Wis. "A-One," "Milcor 3-V Two Drain Channel," "Non-Syphoning"  
 Mobile Steel Co., Mobile, Ala.  
 New Delphos Mfg. Co., Delphos, O.  
 Newport Rolling Mill Co., Newport, Ky.  
 Norman (W. F.) Sheet Metal Mfg. Co., Nevada, Mo.

Ohio Corrugating Co., Warren, O.  
 Ohio Galvanizing & Mfg. Co., Niles, O.  
 Parkersburg Iron & Steel Co., Parkersburg, W. Va.  
 Penn Metal Co., Boston, Mass. "Penco"  
 Porcelain Steels, Inc., Cedar & Ashland Rd., Cleveland, O. "Por-Ce-Lok"  
 Reeves Steel & Mfg. Co., Dover, O. "Suredrane"  
 Republic Steel Corp., Republic Bldg., Cleveland, O. (Steel and Toncan Iron)  
 Robertson (H. H.) Co., Pittsburgh, Pa. "A. P. M."  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.

St. Paul Corrugating Co., St. Paul, Minn.  
 Sharon Steel Hoop Co., Sharon, Pa. "Mahoning"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"

Simplex Brooder Stove Co., Grand Rapids, Mich.  
 Souther (E. E.) Iron Co., St. Louis, Mo.  
 Steel Roofing & Stamping Wks., Des Moines, Ia.  
 Sykes Metal Lath & Roofing Co., Niles, O.  
 Tennessee Coal, Iron & R.R. Co., Birmingham, Ala. "USS," "USS Tennessee"  
 Tiffin Art Metal Co., Tiffin, O.  
 Wheeling Steel Corp., Wheeling, W. Va. "Channel-drain"

**ROOFING NAILS—See Nails, Roofing****ROOFING PAPER—See Paper, Roofing****ROOFING TILE—See Tile, Roofing and Wall****ROOFING TIN—See Tin Plate****ROOFING TOOLS—See Tools, Roofing****ROOFING VALLEY—See Valley, Roofing****ROOM COOLERS—See Air Conditioners****ROOT FORMING CHEMICALS**

American Chemical Paint Co., Ambler, Pa. "Rootone"  
 Ellis Associates, Inc., 98 Greenwood Av., Montclair, N. J. "Plantet"  
 Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
 Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.  
 Merck & Co., Inc., Rahway, N. J. "Hormodin A"  
 Pennsylvania Chemical Corp., Orange, N. J. "Auxilin"  
 Root-Gro Chemical Co., 45-10 Vernon Blvd., Long Island City, N. Y.  
 Shur-Gro Co., 624 Second Av., Pittsburgh, Pa.  
 Thompson (W. T.) Co., 1016 E. Olympic Blvd., Los Angeles, Cal.

**ROPE—See also Cordage****ROPE, Awning and Tent**

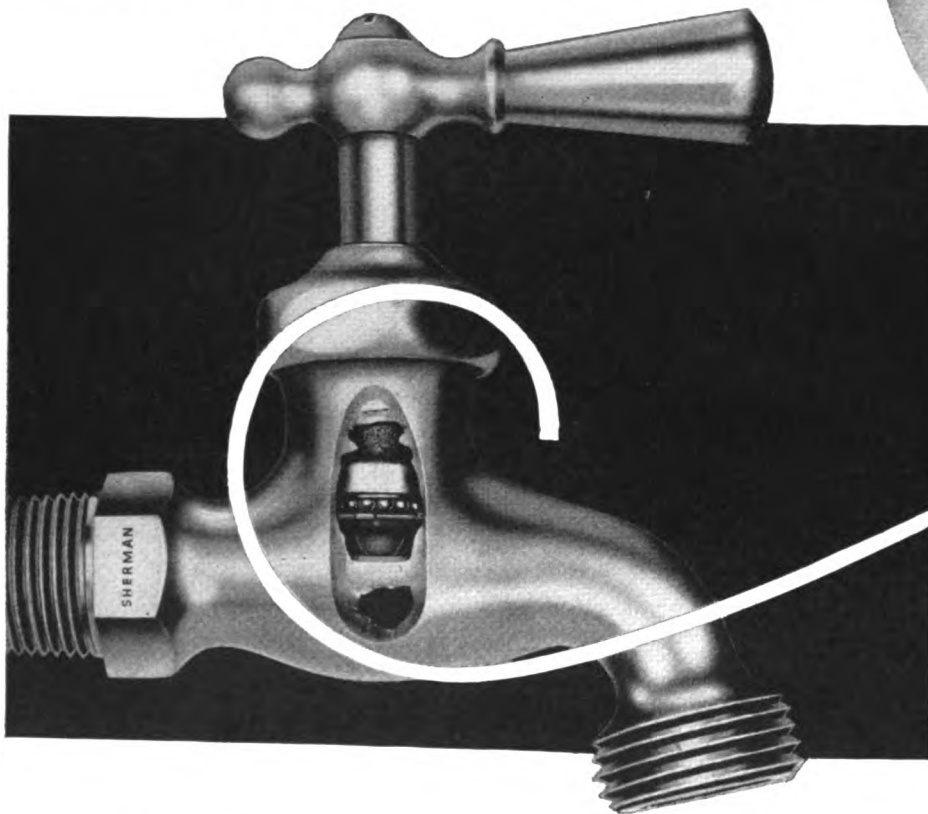
Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Arco," "Ivory"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian"  
 Cowie Mills, Eufaula, Ala.  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Hooper (Wm. E.) & Sons Co., Phila., Pa. "Imperial," "Sterling"  
 Hooven & Allison Co., Xenia, O. "Blue Heart," "Red Heart"  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Puritan Cordage Mills, Louisville, Ky. "Puritan"  
 Samson Cordage Wks., 89 Broad, Boston, Mass. "Phoenix" (Awning)  
 Silver Lake Co., Newtonville, Mass.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Waterbury Blue Marker," "Rex Brown Marker"  
 Whitlock Cordage Co., 46 South, New York, N. Y.

**ROPE, Bale**

American Mfg. Co., West & Noble, Bklyn., N. Y. "American"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian"  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Hooven & Allison Co., Xenia, O. "Economex," "Stanex"  
 Kelly (R. A.) Co., Xenia, O. "Rakco"  
 Peoria Cordage Co., Peoria, Ill. "Peerless"



# An Introductory Assortment of Sherman BALL BEARING Faucets that **WON'T LEAK!**



Get started this easy way with Sherman BALL BEARING Faucets that are *guaranteed not to leak!* Order this Introductory Assortment at a minimum investment, and get the new Sales Display Stand FREE.

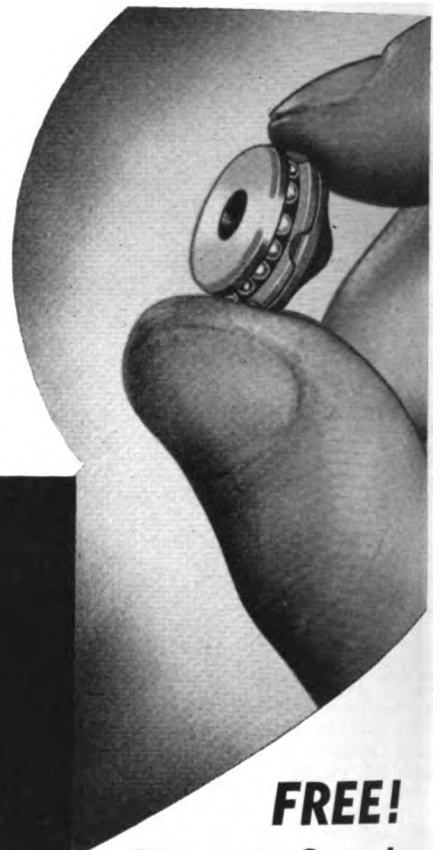
These *leak-proof* faucets **SELL**. Show *your* customers how the usual grinding action of the washer against the faucet seat is eliminated in these faucets by the *exclusive* BALL BEARING washer. Show them how these faucets cut water bills, save the cost of heating wasted water, prevent ugly rust stains on fixtures. They'll *buy*, and you'll make extra profits.

## FIND OUT About Profitable, Low Cost Introductory Assortment and FREE Display

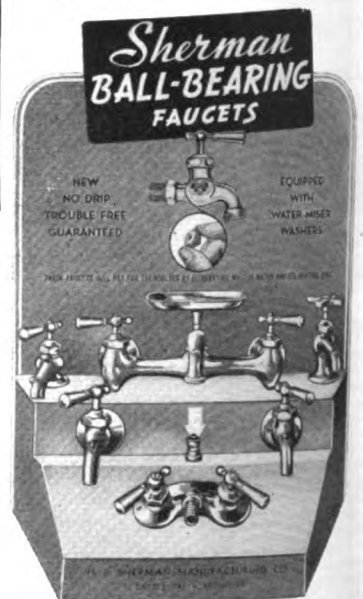
The Special Sherman Introductory Assortment costs dealers only \$20.30, yet it includes Double Sink Faucets, Individual Sink Faucets, Lavatory Faucets and Bath Faucets to

meet all normal demands. Mail the coupon **TODAY**. Find out about this easy way to start making money on today's greatest faucet line.

**H. B. SHERMAN MANUFACTURING CO.**  
BATTLE CREEK, MICHIGAN



**FREE!**  
Display Stand



This unusual and attractive display stand is colorful—an effective silent salesman. Packed with faucet assortment and shipped to you at no extra charge!

## MAIL THIS COUPON

H. B. Sherman Mfg. Co.  
Battle Creek, Mich.

Give me the facts about the Sherman BALL BEARING Faucets included in your profitable Introductory Assortment, and the FREE Display Stand that helps sell them.

Firm Name.....

By.....

City.....State.....

Mention Hardware Age When Writing

Digitized by Google

**ROPE, Bale (Continued)**

Plymouth Cordage Co., N. Plymouth, Mass. "Plymouth"  
 Tubbs Cordage Co., San Francisco, Cal.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Challenger Brand Sisal," "Waterbury Brand Java"  
 Whitlock Cordage Co., 46 South, New York, N. Y.  
**ROPE CLAMPS**—See Clamps, Rope, Manila  
**ROPE CLEATS**—See Cleats, Rope  
**ROPE CLIPS, Wire**—See Clips, Wire Rope

**ROPE, Cotton**

Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Arco," "Ivory," "Thomaston"  
 Avondale Mills, Birmingham, Ala.  
 Bibb Mfg. Co., Macon, Ga.  
 Burdett Mfg. Co., Kansas City, Mo.  
 California Cotton Mill Co., E. Oakland, Cal.  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Cleveland Mill & Power Co., Lawndale, N. C.  
 Eagle & Phenix Mills, Columbus, Ga.  
 Fricke (J. E.) Co., Phila., Pa. "Emory"  
 Holden (Jas.), Inc., Fall River, Mass.  
 Hooper (Wm. E.) & Sons Co., Phila., Pa. "Imperial," "Parkdale," "Sterling"  
 Lambeth Rope Corp., New Bedford, Mass.  
 Mt. Vernon-Woodbury Mills, Baltimore, Md.  
 Orange Cotton Mills, Orangeburg, S. C.  
 Princeton Mfg. Co., Athens, Ga.  
 Puritan Cordage Mills, Louisville, Ky. "Puritan"  
 Raucher Mfg. Co., 25 Seventh, Norwich, Conn. "Racco"  
 Samson Cordage Wks., 89 Broad, Boston, Mass. "Phoenix," "Samson"  
 Silver Lake Co., 99 Chauncy, Boston, Mass.  
 Small Bros. Mfg. Co., Fall River, Mass.  
 Southern Mills Corp., Oxford, Ala.  
 Tombighee Cotton Mills, Columbus, Miss.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Whitaker, Wm. D., Sedgley & Castor Aves., Phila., Pa. "Alpha," "Tentaw"  
 Winne (Frank W.) & Son, Inc., Phila., Pa.  
**ROPE CUTTERS**—See Cutters, Rope, Cord and Twine

**ROPE, Dumbwaiter**

American Mfg. Co., Noble & West, Bklyn., N. Y. "American"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Hooven & Allison Co., Xenia, O.  
 Johnson-Pickett Rope Co., 82 South, New York, N. Y.  
 Kelly (R. A.) Co., Xenia, O. "Rakco"  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Samson Cordage Wks., 89 Broad, Boston, Mass. "Phoenix," "Samson"  
 Silver Lake Co., 99 Chauncy, Boston, Mass.  
 Tubbs Cordage Co., San Francisco, Cal.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Waterbury Blue Marker," "Rex Brown Marker"  
 Whitlock Cordage Co., 46 South, New York, N. Y.

**ROPE, Halter**

American Mfg. Co., Noble & West, Bklyn., N. Y. "American"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian"  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Hooven & Allison Co., Xenia, O.  
 Kelly (R. A.) Co., Xenia, O. "Rakco"  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Plymouth Cordage Co., N. Plymouth, Mass. "Plymouth"  
 Silver Lake Co., 99 Chauncy, Boston, Mass.  
 Tubbs Cordage Co., San Francisco, Cal.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Waterbury Blue Marker," "Rex Brown Marker"  
 Whitlock Cordage Co., 46 South, New York, N. Y.  
**ROPE, Hay Carrier**—See Rope, Hay Stacker

**ROPE, Hay Fork**

American Mfg. Co., Noble & West, Bklyn., N. Y. "American"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian"  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Hooven & Allison Co., Xenia, O.  
 Johnson-Pickett Rope Co., 82 South, New York, N. Y.  
 Kelly (R. A.) Co., Xenia, O. "Rakco"  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Plymouth Cordage Co., N. Plymouth, Mass. "Plymouth"  
 Portland Cordage Co., Portland, Ore.

Tubbs Cordage Co., San Francisco, Cal.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Waterbury Blue Marker," "Rex Brown Marker"  
 Whitlock Cordage Co., 46 South, New York, N. Y.

**ROPE, Hay Stacker**

American Mfg. Co., Noble & West, Bklyn., N. Y. "American"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian"  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Hooven & Allison Co., Xenia, O.  
 Johnson-Pickett Rope Co., 82 South, New York, N. Y.  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Plymouth Cordage Co., N. Plymouth, Mass. "Plymouth"  
 Portland Cordage Co., Portland, Ore.  
 Tubbs Cordage Co., San Francisco, Cal.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Waterbury Blue Marker," "Rex Brown Marker"  
 Whitlock Cordage Co., 46 South, New York, N. Y.

**ROPE, Hemp**

American Mfg. Co., Noble & West, Bklyn., N. Y. "American"  
 Broderick & Bascom Rope Co., St. Louis, Mo.  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Johnson-Pickett Rope Co., 82 South, New York, N. Y.  
 Leschen (A.) & Sons Rope Co., St. Louis, Mo.  
 New Bedford Cordage Co., 233 B'way, New York, N. Y.  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Plymouth Cordage Co., N. Plymouth, Mass. "Plymouth"  
 Rauschenberger (John) Co., Milwaukee, Wis.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Whitlock Cordage Co., 46 South, New York, N. Y.  
 Winne (Frank W.) & Son, Inc., Phila., Pa.  
**ROPE HITCHES**—See Hitches, Rope

**ROPE, Hoisting**

American Mfg. Co., Noble & West, Bklyn., N. Y. "American"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian"  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Hooven & Allison Co., Xenia, O.  
 Kelly (R. A.) Co., Xenia, O. "Rakco"  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Plymouth Cordage Co., N. Plymouth, Mass. "Plymouth"  
 Tubbs Cordage Co., San Francisco, Cal.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Waterbury Blue Marker," "Rex Brown Marker"  
 Whitlock Cordage Co., 46 South, New York, N. Y.  
**ROPE HOISTS**—See Hoists, Chain and Rope  
**ROPE LADDERS**—See Ladders, Rope

**ROPE, Lariat**

Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian Manila," "Columbian Radium Java," "Columbian Yacht"  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Hooven & Allison Co., Xenia, O. "Blue Heart," "H & A," "Red Heart"  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Plymouth Cordage Co., N. Plymouth, Mass. "Junior-Lasso," "Plymouth"  
 Rochester Ropes, Inc., Jamaica, N. Y. "Rattler," "Rawhide"  
 Samson Cordage Wks., 89 Broad, Boston, Mass. "Samson Spot"  
 Silver Lake Co., 99 Chauncy, Boston, Mass.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Whitlock Cordage Co., 46 South, New York, N. Y.

**ROPE, Manila and Sisal**

American Mfg. Co., West & Noble, Bklyn., N. Y. "Amco," "American," "Anchor," "Spartan"  
 Broderick & Bascom Rope Co., St. Louis, Mo.  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Cating Rope Wks., Inc., Maspeeth, N. Y.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian Tape-marked," "Eureka," "Master," "Radium Bolt"  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa. "Fittler," "Wm. Penn." "Diamond-S"

Hooven & Allison Co., Xenia, O. "Blue Heart," "Buckeye," "Purple Heart," "Red Heart"  
 Jackson (Thos.) & Son Co., Reading, Pa.  
 Johnson-Pickett Rope Co., 82 South, New York, N. Y.  
 Kelly (R. A.) Co., Xenia, O. "Rakco"  
 Leschen (A.) & Sons Rope Co., St. Louis, Mo.  
 New Bedford Cordage Co., 233 B'way, New York, N. Y.  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Plymouth Cordage Co., N. Plymouth, Mass. "Plymouth"  
 Portland Cordage Co., Portland, Ore. "Cloverleaf," "Moro," "Seaport"  
 Rinek Cordage Co., Easton, Pa. "Bellable"  
 Rugg (E. T.) & Co., Newark, O.  
 St. Louis Cordage Mills, St. Louis, Mo. "Amco," "American," "Climax," "Defiance," "Meteor," "Pennant," "Royal," "Spartan"  
 Tubbs Cordage Co., San Francisco, Cal. "Black Hawk," "Greenrope," "Mission," "Red Thread," "Superior," "Victory"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Waterbury Rope Co., Inc., 401 Park Av., Bklyn., N. Y. "Challenge Brand Sisal," "Rex Brown Marker," "Waterbury Blue Marker," "Waterbury Brand Java"  
 Whitlock Cordage Co., 46 South, New York, N. Y. "Fibore," "Waterdex"

**ROPE MEASURING MACHINES**—See Measuring Machines, Rope

**ROPE, Sisal**—See Rope, Manila and Sisal

**ROPE, Tent**—See Rope, Awning and Tent

**ROPE THIMBLES**—See Thimbles, Rope

**ROPE, Tiller**

Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Puritan Cordage Mills, Louisville, Ky. "Puritan"  
 Samson Cordage Wks., 89 Broad, Boston, Mass. "Samson"  
 Silver Lake Co., 99 Chauncy, Boston, Mass.  
**ROPE TRAMWAYS, Wire**—See Tramways, Wire Rope

**ROPE, Transmission**

Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian"  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 Hooven & Allison Co., Xenia, O. "Blue Heart"  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Plymouth Cordage Co., North Plymouth, Mass. "Plymouth"  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Waterbury Rope Co., 401 Park Av., Bklyn., N. Y. "Waterbury Blue Marker"  
 Whitlock Cordage Co., 46 South, New York, N. Y.  
**ROPE, Wire Sockets**—See Sockets, Wire Rope

**ROPE or CABLE, Wire, Bronze**

Phosphor Bronze Smelting Co., Phila., Pa. "Elephant"  
 Riverside Metal Co., Riverside, N. J. "Omega"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wire Rope Mfg. & Equip. Co., Seattle, Wash. "Double Blue"

**ROPE or CABLE, Wire, Steel**

American Cable Div. American Chain & Cable Co., Inc., Wilkes-Barre, Pa.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American Tiger Brand"  
 Broderick & Bascom Rope Co., St. Louis, Mo. "Yellow Strand"  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal. "American Tiger Brand"  
 Fischer & Hayes Rope & Steel Co., Chicago, Ill.  
 Hazard Wire Rope Div., American Chain & Cable Co., Inc., Wilkes-Barre, Pa.  
 Leschen (A.) & Sons Rope Co., St. Louis, Mo.  
 Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
 MacWhyte Co., Kenosha, Wis.  
 Malin & Co., 2514 Vestry Av., Cleveland, O.  
 Rochester Ropes, Inc., Jamaica, N. Y. "Rainbow," "Rochester"  
 Roebbing's (John A.) Sons Co., Trenton, N. J. "Blue Center," "Roebbing"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Union Wire Rope Corp., 21st & Manchester Aves., Kansas City, Mo. "Union"  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wickwire Spencer Steel Co., 41 E. 42d, New York, N. Y.  
 Williamsport Wire Rope Co., Williamsport, Pa.

**ROPES, Jumping**

Anchor Mfg. Co., Piqua, O.  
 Gong Bell Mfg. Co., E. Hampton, Conn.  
 Hance Mfg. Co., Westerville, O.  
 Hill (N. N.) Brass Co., E. Hampton, Conn.  
 Metamora Rubber Wks., Metamora, O.  
 Raucher Mfg. Co., 25 Seventh, Norwich, Conn. "Racco"

**★ OXFORD ★  
COLD CHISELS**

Because of their perfectly proportioned bevels, Oxford Cold Chisels cut sharp and clean and are fast working. They are forged of premium steel, they stay sharp longer.

**★ OXFORD ★  
STAR DRILLS**

Oxford Star Drills, hand-forged of high carbon premium steel, are self-centering and specially forged to maintain their diameter under hard use.

Oxford Quality Drills, Chisels, Punches and other forged tools at low prices — are **GUARANTEED 2 for 1.**

**OXFORD TOOL CO.**  
1633 N. 2nd St., Phila., Pa.

**HARDWARE  
& Painters' Specialties**

**SCRAPERS—**  
PUTTY KNIVES—  
Plain & Bolstered  
**CHISELS—** Carpenter —  
Tool Steel  
**CHISELS—** Cold &  
Punches  
**CUTLERY—** Kitchen  
**SCREW DRIVERS—**  
Unbreakable and all  
types  
**TROWELS—**  
COPING SAWS—  
HACK SAWS  
**BATHROOM FIXTURES**  
Cadmium & Enamel.  
**DISH DRAINERS**  
Rubber Covered

**UNITED WIRE GOODS MFG. CO., Inc.**  
Factory — Garnerville, N. Y.  
SALES OFFICE & SHOWROOM  
1150 BROADWAY, N. Y. C. — 230 FIFTH AVE., N. Y. C.

**ZAGELMEYER  
"Eversilent"  
Couplers and Hitches**

**Safest  
Strongest  
Simplest**

These Couplers are Fully Guaranteed And Covered By The Products Public Liability Insurance Policy No. 551153 Issued By The General Accident Assurance Corp., Ltd. Of Philadelphia.

Send for Cat. and Discounts.

**ZAGELMEYER  
AUTO CAMP CO.**  
BAY CITY, MICH.

**SUPERIOR**  
*Now SILENCE Comes to YOUR DOOR!*

Front door and back door—those noisy screens that bang in the wind, that slam and bounce and slam again—can now be S-I-L-E-N-T doors that softly but firmly close behind you—yet pull open easily when you pass through—thanks to the near miracle of **SUPERIOR SCREEN DOOR CHECKS**. Retail Price Range \$1.00, \$1.25, \$1.50, \$2.00.

**WRITE FOR CATALOG 17**

**SUPERIOR and TIPPIT Door Holders**  
Hold Doors Open  
Superior Door Holders  
3 sizes. All Finishes  
Retail 90¢ to \$3.50  
Tippit Door Holders  
2 sizes. All Finishes  
Retail 60¢ to \$1.75

**WRITE FOR CATALOG 17**

**SUPERIOR SPRING HINGE CO.**  
548 LAKE ST. — CHICAGO

**WATER PUTTY**  
that STICKS and STAYS PUT!  
Recommend it for Quick, Permanent Repairs . . . . .  
**WILL NOT SHRINK**  
The Plastic Repair Material in Powder Form

In these Convenient Sizes:  
1 lb. and 4 lb. cans—25, 50, 100, 350 lb. drums

**Your Own Wax**  
Sold only through the Hardware Trade  
**PASTE** in 1 lb. cans  
**SELF POLISHING** in Pints and Quarts.  
Sold through All Jobbers

**DONALD DURHAM CO.** 203-205 School St. Des Moines, Iowa

**Premier GRASS SHEARS**

Make Trimming Easier, Faster, More Natural

Improved grip, lightweight aluminum alloy steel construction, hardened and tempered steel blades properly set and ground for non-clogging, permanent cutting efficiency make these Premier Grass Shears the outstanding tool of their type. Blades are riveted to the natural grip handles, handles riveted to spring steel spring to make a strong, one-piece shears. The spring steel spring permits instant disengagement of the blades for sharpening.

**PREMIER TOOL WORKS**  
3123 W. Harrison Street, Chicago, Illinois

**SCHRADE SAFETY  
PUSH-BUTTON KNIFE**  
NO BREAKING OF FINGER NAILS

**FOR THE GENUINE LOOK FOR NAME**  
**SCHRADE CUTLERY CO., WALDEN, N. Y.**  
ACCEPT NO SUBSTITUTES

**Royal Streamline Gasoline Iron**

New Model 40. Triple Nickel Plated, Asbestos lined Turret Top, ever-hot Torrid Tip, Tapered Ironing edge. Quick lighting. **GUARANTEED**. Write today.

**ROYAL SELF-HEATING IRON CO.**  
Big Prairie, Ohio, U. S. A.

**ROCHESTER ADJUSTABLE SASH BALANCES**

A product of Guaranteed quality. Real profit in handling them.

Write for prices.

**Rochester Sash Balance Co., Inc.**  
Rochester, N. Y.

**MASTEROL 10¢**  
Amazing New Can-Opener

Write quick for details on this new

**PROFIT LEADER**

**Roberts Novelty Corp., York, Pa.**

**PEERLESS  
PUSH AND PULL BARS**

Modern wrought Bars - Pulls - Push Plates - Kick Plates - Thresholds. Most complete line of Modern Door Bars. Made in all metals - Aluminum, Brass, Bronze, etc. All finishes available.

**DEALERS WANTED**  
Send for literature and prices

**Peerless Bronze & Aluminum Co.**  
723 Gratiot Ave., Detroit, Michigan

**MARVELOUS NEW PATENTED  
SCREW-HOLDING SCREW DRIVER**

Amazing patented screw-holding screw drivers (not magnetic). Removes, holds, inserts screws instantly inaccessible places. Fast sellers, quick repeats. Beautiful display makes quick sales. Write for circular and prices.

**MILLEN MFG. CO.**  
262-A Washington St., Boston, Mass.



**ROPES, CHAINS and BARS, Tow**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Broderick & Bascom Rope Co., 805 N. Main, St. Louis, Mo. "Baseline," "Powersteel"  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"  
 Hinkley Myers Co., Jackson, Mich. "Timesavers"  
 Hoddell Chain Co., 3934 Cooper Av., Cleveland, O.  
 Hogarty, Edward, Unionville, Conn. "Utility"  
 International Chain & Mfg. Co., York, Pa. "Campbell"  
 McKay Company, McKay Bldg., Pittsburgh, Pa.  
 Rugg (E. T.) Co., Newark, O.  
 Weaver Mfg. Co., Springfield, Ill.  
**ROQUE BALLS**—See Balls, Roque  
**ROSE BUSHES**—See Nurseries, Rose Bush, Shrub, Evergreen, Etc.

**ROSETTES**

Enterprise Mfg. Co., Dept. HA, Akron, O. (Hardware)  
 Rowe (Henry) Mfg. Co., Newaygo, Mich.

**ROSETTES, Metal for Furniture, Etc.**

Rawplug Co., Inc., 97 Lafayette, New York, N. Y. "Lok-Crowners"  
**ROSIN CORE SOLDER**—See Solder, Rosin Core  
**ROTARY FILES**—See Files, Rotary  
**ROTARY HACK SAWS**—See Saws, Hack, Rotary  
**ROTARY PUMPS**—See Pumps, Rotary  
**ROUND BELT COUPLINGS**—See Couplings, Belt, Round  
**ROUND BELTING**—See Belting, Round  
**ROUND CORE PULLEY CHAIN**—See Chain, Pulley  
**ROUTER BITS**—See Bits, Chisel and Router  
**ROUTER CUTTERS**—See Cutters, Router

**ROUTERS, Electric, Portable Homecraft**

Carter (R. L.) Co., New Britain, Conn. "Carter"  
 Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill. "Hi-Power"  
 Dremel Mfg. Co., Racine, Wis. "Moto-Tool"  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Excel Auto Radiator Co., 320 E. 21st, Chicago, Ill. "Toolmaster"  
 Monarch Mfg. Co., 711 W. Lake, Chicago, Ill. "Monarch"  
 Stanley Electric Tool Div., Stanley Works, New Britain, Conn.  
 Unit Electric Tool Co., Inc., Syracuse, N. Y. "Unit"  
 Walker Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"  
 Wappat, Inc., Div. of Simonds Saw & Steel Co., Pittsburgh, Pa.  
**ROW BOAT MOTORS**—See Motors, Boat  
**ROW LOCKS**—See Locks, Row

**ROWING MACHINES**

Arch-Horne Co., 25 West B'way, New York, N. Y.  
 Johnson (Alfred) Skate Co., 2846 W. North Av., Chicago, Ill. "Pep"  
 Madart (Fred) Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Staley Mfg. Corp., Columbus, Ind.  
 Sweet's Steel Co., Williamsport, Pa. "Steelflex"  
**RUBBER BALLOONS**—See Balloons, Rubber  
**RUBBER BALLS**—See Balls, Rubber  
**RUBBER BATH TUB MATS**—See Mats, Bath Tub, Rubber  
**RUBBER BELTING**—See Belting, Rubber  
**RUBBER CEMENT**—See Cement, Rubber  
**RUBBER CLOSET SEAT BUMPERS**—See Bumpers, Rubber, Closet Seat  
**RUBBER COATED GLOVES**—See Gloves, Rubber Synthetic  
**RUBBER COMPOSITION MALLETS**—See Mallets, Rubber Composition  
**RUBBER CREAM SEPARATOR REPLACEMENT PARTS**—See Separators, Cream, Replacement Parts, Rubber  
**RUBBER DOG BONES**—See Bones, Dogs, Rubber  
**RUBBER DOLLS**—See Dolls, Rubber  
**RUBBER DOOR KNOB COVERS**—See Covers, Knob, Door, Rubber  
**RUBBER FISHING POLE BUTT PROTECTORS**—See Protectors, Butt, Rubber Fishing Pole  
**RUBBER FLOATS**—See Balls, Rubber, Flush Tank  
**RUBBER FLOWER POT SAUCERS**—See Saucers, Pot, Flower, Rubber  
**RUBBER FORCE CUPS**—See Cups, Force  
**RUBBER GLOVES**—See Gloves, Rubber  
**RUBBER GRAINING ROLLERS**—See Rollers, Graining  
**RUBBER HEELS**—See Soles and Heels, Rubber  
**RUBBER-HEADED NAILS**—See Nails, Rubber-Headed  
**RUBBER-HEADED TACKS**—See Tacks, Rubber-Headed  
**RUBBER HORSE SHOE PADS**—See Pads, Horse Shoe, Rubber  
**RUBBER HORSE SHOES**—See Shoes, Horse, Rubber  
**RUBBER HOSE**—See Hoses, Rubber

**RUBBER JAR OPENERS**—See Openers, Jar, Rubber  
**RUBBER KNEELING PADS**—See Pads, Kneeling, Rubber  
**RUBBER KNIVES**—See Knives, Rubber  
**RUBBER MATS**—See Mats, Rubber  
**RUBBER MATTING**—See Mats, Rubber  
**RUBBER MILKING MACHINE REPLACEMENT PARTS**—See Milking Machines, Replacement Parts, Rubber  
**RUBBER PACKAGE CARRIERS**—See Carriers, Package, Rubber

**RUBBER, Plastic, Mending**

Frund Rubber Co., 154 E. Erie, Chicago, Ill. "Flex-O-Fix"  
 So-Lo Works, Cincinnati, O. "Auto So-Lo," "So-Lo"  
**RUBBER PLUNGERS**—See Cups, Force  
**RUBBER PUMP BUCKETS**—See Buckets, Pump  
**RUBBER QUOITS**—See Quoits, Rubber  
**RUBBER SOLES**—See Soles and Heels, Rubber  
**RUBBER STAIR TREADS**—See Treads, Stair  
**RUBBER SURF POLE DRIP SHIELDS**—See Shields, Drip, Rubber Surf Pole  
**RUBBER SURF ROD BUTT RESTS**—See Rests, Butt, Rubber Surf Rod  
**RUBBER TAPE**—See Tape, Rubber  
**RUBBER TIPS**—See Tips, Chair and Crutch  
**RUBBER TIRES and TUBES**—See under Tires, also under Tubes

**RUBBER Toys and Novelties**

Anderson Rubber Co., Akron, O.  
 Auburn Rubber Co., Auburn, Ind. "Aub-Rubr"  
 Barr Rubber Products Co., Sandusky, O.  
 Katnips, Inc., Providence, R. I.  
 Miller Rubber Products Co., Inc., Akron, O.  
 Rex Rubber & Novelty Co., 96 Warren, New York, N. Y.  
 Rider Rubber Novelties, Cleveland, O.  
 Schavoir Rubber Co., Stamford, Conn.  
 Seiberling Latex Products Co., Akron, O.  
 Sun Rubber Co., Barborton, O.  
 Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
**RUBBER TUBING**—See Hoses, Rubber  
**RUBBER WASHERS**—See Washers, Rubber  
**RUBBER WRINGER ROLLS**—See Rolls, Wringer, Rubber

**RUBBERS, Fruit Jar**

Acme Rubber Mfg. Co., Trenton, N. J.  
 Ball Bros. Co., Muncie, Ind. "Perfect Seal"  
 Boston Woven Hose & Rubber Co., Cambridge, Mass. "Good Luck"  
 Continental Rubber Wks., Erie, Pa. "Vitalic"  
 Goodrich (B. F.) Co., Akron, O.  
 Hamilton Rubber Mfg. Co., Trenton, N. J.  
 Jenkins Bros., 80 White, New York, N. Y. "Blue Target," "County Fair," "Ring Leader," "Tite-Pac"  
 Mercer Rubber Co., Hamilton Sq., N. J.  
 Rubber Products Co., Barborton, O.  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
 Tongue (R. E.) & Bros. Co., Inc., Allegheny Av. & Amber, Phila., Pa. "Big Chief," "Lustre"  
 United States Rubber Products, Inc., 1230 6th Av., New York, N. Y. "U. S. Matchless," "U. S. Royal Pe-Ko Edge"

**RUBBING BRICKS**—See Bricks, Rubbing**RUBBISH BURNERS**—See Burners, Rubbish**RUG BEATERS**—See Beaters, Carpet and Rug**RUG BORDERS**—See Borders, Rug, Felt Base**RUG CLEANERS**—See Cleaners, Carpet and Rug**RUG FASTENERS**—See Fasteners, Carpet and Rug**RUG, NON-SLIPPING ADHESIVES & MATERIALS**—See Adhesives & Materials, Rug, Non-Slipping**RUGS, Composition**

Carthage Mills, Inc., 124 W. 66th, Cincinnati, O. "Carthastan"

**RUGS, Felt Base**

Armstrong Cork Co., Lancaster, Pa.  
 Bird & Son, Inc., East Walpole, Mass. "Economy," "Chromalin," "Nepomset"  
 Carthage Mills, Inc., 124 W. 66th, Cincinnati, O. "Marina," "Rotarus," "Sarrana"  
 Congoleum-Nairn, Inc., Kearny, N. J. "Crescent Seal," "Gold Seal"  
 Sloane-Blabon Corp., 295 5th Av., New York, N. Y. "Sloane-Blabon"

**RUGS, Jute, Woven**

Carthage Mills, Inc., 124 W. 66th, Cincinnati, O. "Conqueror"

**RUGS, Linoleum**

(See also Linoleum)  
 Armstrong Cork Co., Lancaster, Pa.  
 Congoleum Nairn, Inc., Kearny, N. J.  
 Paraffine Cos., Inc., San Francisco, Cal. "Pabco"

Sloane-Blabon Corp., 295 5th Av., New York, N. Y. "Sloane-Blabon"

**RULE HOOKS**—See Hooks, Tape and Rule**RULES**—See Kind Desired; also Yardsticks**RULES, Advertising**

Eagle Rule Mfg. Corp., 514 Hunts Point Av., New York, N. Y.  
 Lufkin Rule Co., Saginaw, Mich.  
 Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.

**RULES, Aluminum**

Lufkin Rule Co., Saginaw, Mich.  
 Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y.

**RULES, Blacksmith's**

Lufkin Rule Co., Saginaw, Mich.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.  
 Starrett (L. S.) Co., Athol, Mass.

**RULES, Board and Log**

American Rule Co., Nashville, Tenn.  
 Cleveland Rule Co., Cleveland, O.  
 Lufkin Rule Co., Saginaw, Mich.

**RULES, Boxwood**

Eagle Rule Mfg. Corp., 514 Hunts Point Av., New York, N. Y.  
 Lufkin Rule Co., Saginaw, Mich.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.

**RULES, Brass**

Lufkin Rule Co., Saginaw, Mich.

**RULES, Caliper**

Brown & Sharpe Mfg., Providence, R. I.  
 Fleming Mfg. Co., Inc., Worcester, Mass.  
 Glogau & Co., 2000 Rand McNally Bldg., Chicago, Ill.  
 Johnson (E. P.) Rule Mfg. Co., Chicago, Ill.  
 Lufkin Rule Co., Saginaw, Mich.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.

**RULES, Counter**

Lufkin Rule Co., Saginaw, Mich.

**RULES, Extension**

Lufkin Rule Co., Saginaw, Mich.  
 Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y. "Interlox," "Master"  
 Stanley Tools Div., Stanley Works, New Britain, Conn.

**RULES, Flexible—Rigid, Steel**

Eagle Rule Mfg. Corp., 514 Hunts Point Av., New York, N. Y. "All American," "Columbia"  
 Lufkin Rule Co., Saginaw, Mich. "Aristocrat," "Crescent," "Crescent Jr.," "Mezurall," "Donut," "Wizard," "Wizard Jr."  
 Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y. "Master," "Tufboy"  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y. (Imported)  
 Stanley Tools Div., Stanley Works, New Britain, Conn. "Pull-Push"  
 Waterbury Lock & Specialty Co., Milford, Conn. "Golden Rule," "Mechanic's Pal"

**RULES, Folding**

Eagle Rule Mfg. Corp., 514 Hunts Point Av., New York, N. Y. "Columbia," "Eagle," "Universal"  
 Keuffel & Esser Co., 300 Adams, Hoboken, N. J. "E. & E. Ready Reading"  
 Lufkin Rule Co., Saginaw, Mich. "Red End," "Two-Way"  
 Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y. "Blue End," "Master Mitre Square," "U.S.A."  
 Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.  
 Stanley Tools Div., Stanley Works, New Britain, Conn. "Defiance," "Green End," "Zig Zag"  
 Starrett (L. S.) Co., Athol, Mass.

**RULES, Glass Cutters'**

Barrett, Wm. L., Bristol, Conn. "Jiffy"  
 Lufkin Rule Co., Saginaw, Mich.

**RULES, Hook**

Eagle Rule Mfg. Corp., 514 Hunts Point Av., New York, N. Y.  
 Lufkin Rule Co., Saginaw, Mich.  
 Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y. "Master"  
 Millers Falls Co., Greenfield, Mass.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.  
 Union Tool Co., Orange, Mass.

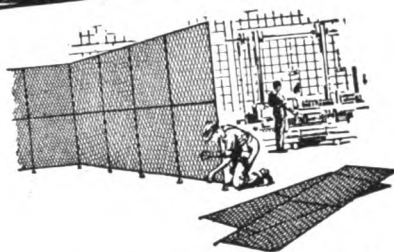
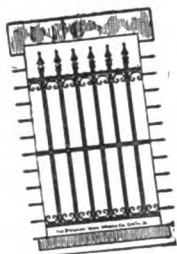
# STEWART PRODUCTS

*Help dealers  
make more  
PROFIT!*

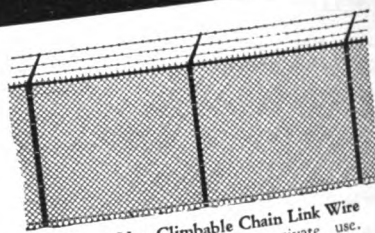
● For more than fifty years alert, aggressive hardware dealers have made money with Stewart Products. Without investing one penny, without carrying any stock, you, too, can increase your volume and your profit through Stewart's liberal sales producing plan. Someone is selling your customers chain link wire and iron fence, window guards, folding gates, wire partitions, garden furniture, lanterns and scores of other items. Let us show you how to get this business with the Stewart Quality Line. Write for complete details. There is no obligation, of course.



Stewart Window Guards in either iron or wire can be furnished in sizes to meet all requirements.



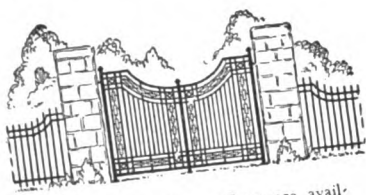
Wire partitions are complete with standard panels and may be interchanged or rearranged to fit any given space. Ideal for locker rooms, tool rooms, stock rooms and similar uses.



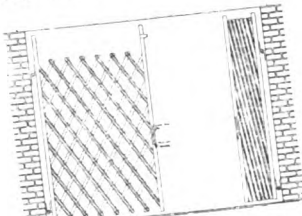
Stewart Non-Climbable Chain Link Wire Fence for industrial or private use. Available in several heights and styles.



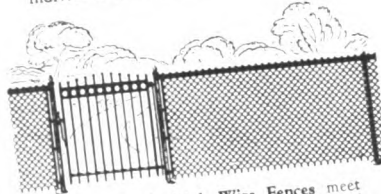
Stewart Iron Fences in plain, simple designs or elaborately ornate to fit every budget. Design 111-S illustrated.



Stewart Iron Entrance Gates are available in many stock designs or built to individual specifications.



Stewart Folding Gates furnished in single or double gate construction. Not recommended in single gates wider than 6 feet or double gates wider than 12 feet. Gates in excess of these two widths require overhead supporting track. When requesting information, please give width of opening, height of gate desired, and indicate means of supporting overhead track if one is necessary. Design K 488 shown above.



Stewart Chain Link Wire Fences meet every fencing need. Design OTM illustrated above.



Ornamental Iron Lanterns—Bracket and pier, in many sizes and combinations of metal.



Railings—Ornamental Iron Balcony, Porch and Stair Railings are available in a wide range of designs. Illustrated above is Design M 281.

"World's Greatest Fence Builders Since 1886"

**Stewart**  
IRON  
and  
WIRE  
FENCES

**THE STEWART  
IRON WORKS CO., INC.**  
737 STEWART BLOCK  
CINCINNATI • • • OHIO

## RULES, Key Seat

Brown & Sharpe Mfg. Co., Providence, R. I.  
Starrett (L. S.) Co., Athol, Mass.  
Union Tool Co., Orange, Mass.

## RULES, Machinists'

Brown & Sharpe Mfg. Co., Providence, R. I.  
Fleming Mfg. Co., Inc., Worcester, Mass.  
Johnson (E. P.) Rule Mfg. Co., Chicago, Ill.  
Lufkin Rule Co., Saginaw, Mich.  
Ritter-Carlton Co., Inc., 873 4th Av., New York, N. Y. (Imported)  
Starrett (L. S.) Co., Athol, Mass.

## RULES, Manual Training

Lufkin Rule Co., Saginaw, Mich.  
Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y. "Master"  
Stanley Tools Div., Stanley Works, New Britain, Conn.

## RULES, Mitre and Square

Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y. "Master Duplex"

## RULES, Shrinkage

Brown & Sharpe Mfg. Co., Providence, R. I.  
Keuffel & Easer Co., 300 Adams, Hoboken, N. J. "K. & E."  
Lufkin Rule Co., Saginaw, Mich.  
Stanley Tools Div., Stanley Works, New Britain, Conn.  
Starrett (L. S.) Co., Athol, Mass.

## RULES, Spring Joint

Lufkin Rule Co., Saginaw, Mich.  
Stanley Tools Div., Stanley Works, New Britain, Conn.

## RULES, Steel

Brown & Sharpe Mfg. Co., Providence, R. I.  
Fleming Mfg. Co., Inc., Worcester, Mass.  
Forsyth Metal Goods Co., Inc., East Aurora, N. Y.  
Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "Chesterman" (British)  
Keuffel & Easer Co., 300 Adams, Hoboken, N. J. "K. & E."  
Lufkin Rule Co., Saginaw, Mich.  
Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y. "Master"  
Millers Falls-Goodell Pratt Co., Greenfield, Mass.  
Nichols Mfg. Co., Ottumwa, Ia.  
Ritter-Carlton Co., Inc., 873 4th Av., New York, N. Y. (Imported)  
Starrett (L. S.) Co., Athol, Mass.  
Union Tool Co., Orange, Mass.

## RULES, Tinnerns'

Lufkin Rule Co., Saginaw, Mich. "Magic Pattern"  
Peck, Stow & Wilcox Co., Southington, Conn.  
RUNG FASTENERS—See Fasteners, Rung  
RUNNER LEATHER GUARDS—See Guards, Leather Runner

## RUNNERS, Joint

Asbestos Textile Co., Inc., 228 N. LaSalle, Chicago, Ill. "Aztec"  
Atlas Asbestos Co., North Wales, Pa.  
Atlas Mineral Products Co. of Pa., Mertstown, Pa.  
Clinton Mfg. Co., 83 Grand Av., B'klyn, N. Y. "Union"  
Coleman, Allan J., 120 W. Illinois, Chicago, Ill.  
Eureka Packing Co., 248 46th, Bklyn., N. Y.  
Johnson (William), Inc., 36 Brenner, Newark, N. J.  
Johns-Manville Corp., 22 E. 40th, New York, N. Y.  
Mueller Co., Decatur, Ill.  
Southern Asbestos Co., 939 Fabel Rd., Charlotte, N. C.

RUNNING SHOES—See Shoes, Running

RURAL MAIL BOXES—See Boxes, Mail, Rural, Parcel Post

RUST PREVENTING AND REMOVING COMPOUNDS—See Compounds, Rust Preventing and Removing

RUST PREVENTATIVES—See Preservers, Metal, Wood

"S" HOOKS—See Hooks, "S"

"S" WRENCHES—See Wrenches, "S"

S. A. E. NUTS—See Nuts, S. A. E.

SACK HOLDERS—See Holders, Bag or Sack

SAD IRON ELEMENTS—See Elements, Electric Heating, Sad Iron

SAD IRON HANDLES—See Handles, Sad Iron

SADIRON RESTS—See Stands, Sadiron

SAD IRON STANDS—See Stands, Sad Iron

SAD IRONS—See Irons, Sad

SAD IRONS, TOY—See Iron Toys

SADDLE BLANKETS—See Blankets, Saddle, Horse

SADDLE CLIPS—See Clips, Saddle

SADDLE NAILS—See Nails, Saddle

SADDLE SOAPS—See Soaps, Saddle

SADDLERS' PUNCHES—See Punches, Belt and Saddlers

SADDLERY—See Harness and Saddlery

SADDLERY HARDWARE—See Harness and Saddlery Hardware

## SADDLES, Riding

Allen (Bona), Inc., Buford, Ga.  
Clinton Saddlery Co., Clinton, Ia.  
Goetz Saddlery Co., Ransom, W. Va.  
Hamley & Co., Pendleton, Ore.  
Harpham Bros. Co., Lincoln, Neb.  
Harrer, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Heiser (Herman H.) Saddlery Co., Denver, Colo.  
Hermann-Brownlow Co., Springfield, Mo. "Eclipse"  
Hess & Hopkins Leather Co., Rockford, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hotze (Henry) & Sons Co., 500 N. 4th, St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Hutchisson (T. T.) Co., Inc., Wheeling, W. Va.  
Keystone Bros., 755 Mission, San Francisco, Cal.  
Klein Savidge Co., Inc., 161 N. 3rd, Phila., Pa.  
Kopf Mfg. Co., Inc., 49 Warren, New York, N. Y. "Blue Ribbon"  
Krieger (J. P.) Saddlery Co., 320 Pearl, Louisville, Ky.  
Kurzynski Mfg. Co., 1608 Central Av., Cincinnati, O. "Kuroc"  
Lawrence (Geo.) Co., Portland, Ore.  
Lea Co., Elgin, Ill.  
Lichtenberger-Ferguson Co., Los Angeles, Cal.  
McConnell (S. R. & I. C.) Co., Burlington, Ia.  
Milwaukee Saddlery Co., Milwaukee, Wis.  
Mueller (Fred) Saddle & Harness Co., Denver, Colo.  
Nobby Harness Co., Ft. Worth, Tex.  
Orman Partee Saddlery Co., Nashville, Tenn.  
Padgett Bros. Co., Dallas, Tex. "Broncho"  
Pierce Harness Co., Spokane, Wash.  
Porter (N.) Saddle & Harness Co., Phoenix, Ariz.  
Regnier (T. J.), Inc., Springfield, Mass.  
Schafer Co., Decatur, Ind. "Black Beauty"  
Schoellkopf Co., Dallas, Tex. "Jumbo"  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Shipley (Chas. P.) Saddlery & Merc. Co., Kansas City, Mo.  
Smith, Worthington Saddlery Co., Hartford, Conn.  
Southern Saddlery Co., Chattanooga, Tenn.  
Stratton-Warren Hdwe. Co., Memphis, Tenn. "Elk"  
Straus-Bodenheimer Co., Houston, Tex. "Star Brand"  
Strecker Bros. Co., Marietta, O.  
Syracuse Saddlery Co., Syracuse, N. Y.  
Texas Tanning & Mfg. Co., Yoakum, Tex. "Hereford"  
Van Nostrand Saddlery Co., Muscatine, Iowa. "Vanco"  
Vogel, Adolf, San Antonio, Tex. "Vogel"  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Wyeth Hdwe. & Mfg. Co., St. Joseph, Mo.

## SADDLES, Bicycle

Arnold, Schwinn & Co., 1718 N. Kildare Av., Chicago, Ill. "Schwinn"  
Lobdell-Emerly Mfg. Co., Alma, Mich. "Torpedo"  
Mesinger (H. & F.) Mfg. Co., Inc., 482 Austin Pl., New York, N. Y.  
Milco Products Co., 4601 W. State, Milwaukee, Wis. "Milco"  
Persons-Majestic Mfg. Co., Worcester, Mass.  
Troxel Mfg. Co., Elyria, O.

## SADDLES, Roof

Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
Fatsco, 251 N. Fair Av., Benton Harbor, Mich.  
Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Klein Mfg. Co., Burlington, Ia.  
Makomb Steel Products Co., Macomb, Ill. "Makomb"  
Milcor Steel Co., Milwaukee, Wis.  
Mit-Shel Stamping Mfg. Co., Quincy, Ill.  
Northwest Metal Products, Inc., Seattle, Wash.  
Oakes Mfg. Co., Inc., Tipton, Ind. "Adjustable"  
Simplex Brooder Stove Co., Grand Rapids, Mich.  
Wilder Mfg. Co., 2001 S. Main, Niles, O.

## SADDLES, Safety, Tree Trimmers'

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.

SAFE DEPOSIT BOX LOCKS—See Locks, Safe Deposit Box

## SAFES, Fire and Burglar Proof

General Fireproofing Co., Youngstown, O.  
Herring-Hall Marvin Safe Co., Hamilton, O.  
Mellink Steel Safe Co., Toledo, O.  
Mosler Safe Co., Hamilton, O.  
York Safe & Lock Co., York, Pa.

## SAFES, Match

Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
Ennis Mfg. Co., Reading, Pa.  
Forsyth Metal Goods Co., Inc., East Aurora, N. Y.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
Marbel Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble's"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
National Sheet Metal Co., Peru, Ill.  
Steel Stamping Co., Lorain, O.  
Washburn Company, Worcester, Mass.  
Williams (A. C.) Co., Ravenna, O.

## SAFES, Wall

Dudley Lock Corp., 325 N. Wells, Chicago, Ill.  
Mellink Steel Safe Co., Toledo, O.  
Mosler Safe Co., Hamilton, O.  
SAFETY BATH TUB GRIPS—See Grips, Bath Tub, Safety  
SAFETY BELTS—See Belts & Straps, Safety, Linemen's  
SAFETY CHAIN—See Chain, Safety  
SAFETY DOOR FASTENERS—See Fasteners, Door, Safety  
SAFETY GLASS—See Glass, Safety  
SAFETY HOLLOW SET SCREWS—See Screws, Set, Hollow, Safety  
SAFETY HOOKS—See Hooks, Safety  
SAFETY LADDER BRACKETS—See Brackets, Ladder  
SAFETY LADDER ROLLERS—See Rollers, Ladder, Safety  
SAFETY NIGHT LIGHTS—See Lights, Night, Safety, Electric  
SAFETY RAZOR BLADE HOLDERS—See Holders, Blade, Safety Razor  
SAFETY RAZOR BLADE SHARPENING MACHINES—See Blade Sharpening Machines  
SAFETY RAZOR BLADE STROPPERS—See Strop-pers, Blade, Safety Razor  
SAFETY RAZOR BLADES—See Blades, Safety Razor  
SAFETY RAZORS—See Razors, Safety  
SAFETY WINDOW SEATS—See Seats, Window, Safety  
SAIL BOATS, Toy—See Boats, Toy  
SAIL NEEDLES—See Needles, Packing and Bagging

## SAL AMMONIAC

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
American Solder & Flux Co., 2152 E. Norris, Phila., Pa. "Salbrick"  
Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn., N. Y.  
Du Pont (E. I.) de Nemours & Co., Inc., R. & H. Chem. Div., Wilmington, Del.  
General Chemical Co., 40 Rector, New York, N. Y.  
Grasselli Chemicals Dept. du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
Illinois Smelting & Refining Co., Chicago, Ill.  
Pfanstiehl Chemical Co., Waukegan, Ill. "Speco Solid"  
Smet-Solvay Co., Syracuse, N. Y.  
Wiarda (John C.) & Co., 554 Johnson Av., B'klyn, N. Y.  
SALAD MOLDS—See Molds, Cake, Pudding, Etc.  
SALAD SETS—See Sets, Salad

## SALAMANDERS

Aeroli Burner Co., Inc., Park Av. at 18th, West New York, New Jersey. "Aeroli"  
Clark (H. N.) Co., 56 Union, Boston, Mass.  
Diener (Geo. W.) Mfg. Co., Chicago, Ill.  
Donley Bros. Co., Cleveland, O.  
Durlach Can & Iron Works, 168 7th, B'klyn, N. Y.  
General Wheelbarrow Co., Div. Empire Plow Co., 3140 E. 65th, Cleveland, O. "General"  
Halter (Jacob) Sons Co., 2604 Walton Av., Cleveland, O. "Halter"  
Howes (S. M.) Co., Boston, Mass.  
Indiana Fdry. Co., Indiana, Pa.  
Jackson Mfg. Co., Harrisburg, Pa.  
Littleford Bros., Cincinnati, O. (Knock-Down)  
Mahawk Asphalt Heater Co., Frankfort, N. Y. "Mahawk"  
Toepfer (W.) & Sons Co., Milwaukee, Wis.

SALESMEN'S LOOSE LEAF CATALOG BINDERS—See Binders, Catalog, Loose Leaf, Salesmen's

SALT BOXES—See Boxes, Salt

SALT BRICKS—See Bricks, Salt

SALT FEEDERS—See Feeders, Salt

## SALT, Rock

American Salt Co., Kansas City, Mo.  
Carey Salt Co., Av. B & Poplar, Hutchinson, Kan.  
Crystal Salt Co., 885 York, Denver, Colo.  
Detroit Rock Salt Co., 12841 Sanders, Detroit, Mich.  
Diamond Crystal Salt Co., St. Clair, Mich.  
International Salt Co., Inc., Scranton, Pa. "Blusalt," "Retsof"  
Monterey Bay Salt Co., Moss Landing, Cal.  
Retsof Mining Co., Scranton, Pa.  
SALT SHAKERS—See Shakers, Salt  
SALT, Soldering—See Soldering Salts

## SALVES, Gall

Bickmore Co., Old Town, Me. "Bickmore," "Bickmore"

SAMPLE HOLDERS—See Holders, Sample

## SAMPLERS, Cream

Solar-Sturges Mfg. Co., Melrose Park, Ill.

SAMPLING CLIPS—See Clips, Sampling

SAND BOXES—See Boxes, Sand



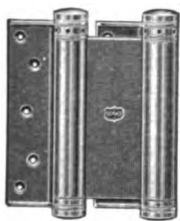
# BOMMER

## SPRING HINGES

# ARE THE BEST

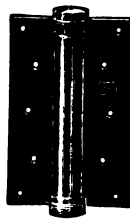
Replenish Your Stock with  
**BOMMER**

They are in universal demand—are quickest to sell—easiest to apply and the most satisfactory spring hinges made.



Type 29  
Button Tips

Follow the line  
of least resist-  
ance. Sell  
**BOMMER**  
products.



Type 0  
Button Tips

Supplied with Button Tips when specified  
**Bommer Spring Hinge Co., Brooklyn, N. Y.**

Chicago Sales Office: No. 180 N. Wacker Drive

Spring Hinges of Quality

**(CHICAGO)**  
**SPRING HINGES**

Quality and Service



Type 3001  
The "Triplex"



For many years "Triplex" Spring Hinges have been recognized by Architects and Contractors as "Spring Hinges of Quality."

Progressive Hardware Dealers are quick to realize the sales advantage of recognized quality and they also appreciate prompt service on their orders.

The Chicago Spring Hinge Company manufactures a complete line of spring hinges and endeavors at all times to render superior service, both on stock and special orders.

*If you do not have our complete catalogue, send for a copy*

**Chicago Spring Hinge Company.**

CHICAGO

NEW YORK

U. S. A.

# OTTO BERNZ CO. INC.

ROCHESTER, N. Y. (ESTABLISHED 1876)



NO. 87 — QUART — BOTTOM  
FILLER  
NO. 200 — QUART — TOP  
FILLER  
MOST POPULAR OF ALL  
QUART TORCHES



NO. 55 PAINT BURNING AND  
GENERAL UTILITY TORCH  
1 GALLON  
FOR GASOLINE OR KEROSENE



NO. 83 QUART  
NO. 84 PINT  
GASOLINE



NO. 500 A—QUART  
NO. 250 A—PINT  
GASOLINE—KEROSENE



NO. 44 FIRE-  
POT 3/4 GAL.  
NO. 40 FIRE-  
POT 1 GAL.

**OUTSTANDING VALUES IN QUALITY TOOLS**

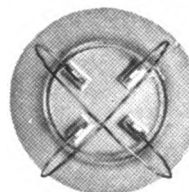
# CLARK GEM FLUE STOPPERS



Embossed type



Flat type



21 Gem



25 Flue Stopper

**Featuring**

Attractive new series of pictures, lithographed on metal blanks permanently clenched into the face of the flue stoppers. Folding wire fasteners attached to slots raised from the metal of the blank.

**Specifications for the complete line**

	Blank Diameter	Fasteners	Shipping Weight Per Dozen	Per Gross
23 Gem	8-17/64"	6" or 7" Wires	8 lbs. 7 oz.	43 lbs.
28 "	9-3/4"	7" or 8" "	5 lbs.	62 lbs.
21 "	7-29/32"	6" or 7" "	3 lbs. 7 oz.	47 lbs.
20 "	5-3/4"	4" "	2 lbs.	28 lbs.
25 Flue	8-17/64"	Adjustable Bands for 5", 6", or 7"	3 lbs. 13 oz.	47 lbs.

**PICTURES**—Assortment of six subjects lithographed on metal (except 20, which is paper). **PACKING**—1 dozen per carton. 1 gross per case.

Order from Your Wholesaler, or Write Us for Reference

**J. L. CLARK MANUFACTURING CO., Rockford, Illinois**

Mention Hardware Age When Writing

Digitized by Google

**SAND, for Sand Boxes**

United Clay Mines Corp., Trenton, N. J.  
**SAND GLASSES**—See Glasses, Sand  
**SAND PAILS, Toy**—See Sand Toys  
**SAND PAPER**—See Papers, Abrasive Coated, Sand, Garnet, Aluminous, Etc.  
**SAND PAPER HOLDERS**—See Holders, Sand Paper  
**SAND PAPER, Waterproof**—See Paper, Coated, Flint, Garnet, Aluminous Oxide, Silicon Carbide, Etc.  
**SAND SCOOPS**—See Scoops, Sand  
**SAND SCREENS**—See Screens, Coal, Sand, Etc.  
**SAND SHOVELS**—See Shovels, Sand  
**SAND SHOVELS, Toy**—See Sand Toys  
**SAND SIFTERS**—See Sifters, Sand  
**SAND STONES**—See Stones, Grind

**SAND TOYS**

American National Co., Toledo, O.  
 Buddy "L" Mfg. Co., East Moline, Ill.  
 Conestoga Corp., Bethlehem, Pa.  
 Gibbs Mfg. Co., Canton, O.  
 Holgate Bro. Co., Kane, Pa.  
 Mansfield Novelty Co., Mansfield, Pa.  
 Ohio Art Co., Bryan, O., "Mickey Mouse"  
 Rochester Can Co., Rochester, N. Y.  
 Smith (S. A.) Mfg. Co., Brattleboro, Vt.  
 Wolverine Supply & Mfg. Co., Pittsburgh, Pa.  
 "Merry Miller," "Sandy Andy"  
**SANDERS AND SURFACERS, Floor, Electric—See**  
**Machines, Sanding and Surfacing, Floor, Electric**

**SANDERS, Bench, Electric, Portable, Homecraft**

American Floor Surfacing Machine Co., Toledo, O.  
 "American Sanderplane"  
 Arcade Mfg. Co., Freeport, Ill.  
 Boice-Crane Co., 1730 Norwood Av., Toledo, O.  
 "Boice-Crane"  
 Carter (R. L.) Co., New Britain, Conn., "Carter"  
 Clark Sanding Machine Co., Dept. HA-836, Muskegon, Mich., "Little Giant"  
 Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
 Detroit Surfacing Machine Co., 7433 W. Davison, Detroit, Mich., "Easy"  
 Double A Products Co., Inc., Ann Arbor, Mich.  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Porter-Cable Machine Co., Syracuse, N. Y., "Take About"  
 Power King Tool Corp., 706 E. Market, Warsaw, Ind., "Power King"  
 Reid-Way Corp., 2922 First Av., S.E., Cedar Rapids, Iowa  
 Skilaw, Inc., 3310 Elston Av., Chicago, Ill., "Skilaw"  
 Stanley Electric Tool Div., New Britain, Conn.  
 Sterling Products Co., 2457 Woodward Av., Detroit, Mich., "Gyro"  
 Syracuse Guildtool Co., 1720 N. Salina, Syracuse, N. Y., "Guiltsander"  
 Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J., "Driver"  
 Wallace (J. D.) & Co., 134 S. California Av., Chicago, Ill.  
 Yates-American Machine Co., Beloit, Wis.

**SANDING MACHINES—See Machines, Sanding and Surfacing, Floor, Electric****SANDWICH OUTFITS—See Outfits, Sandwich****SANDWICH SERVERS—See Servers, Sandwich****SANDWICH TOASTERS, Electric—See Toasters, Sandwich, Electric****SANITARY BRONZE BALLS—See Balls, Bronze, Sanitary****SANITARY BRUSHES—See Brushes, Sanitary****SANITARY CLOSETS—See Toilets, Chemical****SANITARY DRINKING FOUNTAINS—See Fountains, Drinking, Sanitary****SANITARY ENAMELED WARE—See Ware, Sanitary, Enameled****SANITARY EQUIPMENT AND SUPPLIES—See article desired****SANITARY HAND WASHSTANDS—See Washstands, Hand, Sanitary****SANTA CLAUS OUTFITS—See Outfits, Santa Claus****SAP PAILS—See Pails, Sap****SAP SPOUTS—See Spouts, Sap****SASH BALANCES—See Balances, Sash****SASH BRUSHES—See Brushes, Sash****SASH CENTERS—See Centers, Sash****SASH CHAIN—See Chain, Sash****SASH CHAIN FIXTURES—See Fixtures, Sash Chain****SASH CORD—See Cord, Sash****SASH CORD GRIPS—See Grips, Sash Cord****SASH CORD IRONS—See Irons, Sash Cord****SASH CORNERS—See Corners, Sash****SASH CURTAIN RODS—See Rods, Curtain, Sash****SASH FASTENERS—See Locks, Sash****SASH HOLDERS—See Holders, Sash****SASH LIFTS—See Lifts, Sash****SASH LOCKS—See Locks, Sash****SASH PIVOTS—See Centers, Sash****SASH POLE HANGERS—See Hangers, Sash Pole****SASH POLE HOOKS—See Palls, Window****SASH PULLEYS—See Pulleys, Sash****SASH ROLLERS—See Rollers, Sash****SASH SOCKETS—See Sockets, Sash****SASH STEEL—See Windows, Steel****SASH SUSTAINERS—See Sustainers, Sash****SASH TOOLS—See Brushes, Paint & Varnish****SASH WEIGHTS—See Weights, Sash****SAUCE PANS—See Pans, Sauce****SAUCERS, Pot, Flower, Rubber**

Central Rubber Products Co., Inc., 821 Bway., New York, N. Y., "Centro"

**SAUSAGE STUFFERS—See Stuffers, Sausage****SAVERS, Fuel**

Pearson Mfg. Co., Robbinsdale, Minn.  
 Ritch & Pidge Mfg. Co., Fultonville, N. Y., "Peerless" (Gas and oil stove)

**SAW BITS—See Bits and Shanks, Saw****SAW BLADES—See under Blades****SAW BUCKS—See Bucks, Saw****SAW CLAMPS—See Clamps, Saw****SAW FILES—See Files and Rasps****SAW FILING VISES—See Vises, Saw Filing****SAW GAGES—See Gages, Saw****SAW GRINDERS—See Grinders, Saw****SAW GUARDS—See Guards, Saw****SAW GUMMERS—See Gummery, Saw****SAW HANDLES—See Handles, Saw****SAW HOLDERS—See Teeth and Holders****SAW HORSE BRACKETS—See Brackets, Saw Horse****SAW JOINTERS—See Jointers, Saw****SAW MAKERS' ANVILS—See Anvils, Saw Makers'****SAW PUNCHES—See Punches, Saw****SAW RIGS—See Rigs, Saw****SAW SCREWS—See Screws, Saw****SAW SETTING HAMMERS—See Hammers, Saw Setting****SAW SETS—See Sets, Saw****SAW SHANKS—See Bits and Shanks, Saw****SAW SHARPENER MACHINES—See Machines, Saw Sharpener****SAW TEETH—See Teeth and Holders, Saw****SAW TOOLS—See Tools, Saw****SAWS, Back**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Central Hdw. Co., Phila., Pa., "Harrison"  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.  
 Pennsylvania Saw Corp., York, Pa., "Penn State"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y., "Fish & Hook," "Sandvik" (Swedish)  
 U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.

**SAWS, Band, Electric, Portable, Homecraft**

Arcade Mfg. Co., Freeport, Ill.  
 Barnes (W. F. & John) Co., Rockford, Ill.  
 Blue Star Products, Fairfield, Ia., "Blue Star"  
 Boice-Crane Co., 1730 Norwood, Toledo, O., "Boice-Crane"  
 Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Ephrata Mfg. Co., Ephrata, Pa., "Artisan"  
 Heston & Anderson, Fairfield, Ia.  
 Millers Falls, Greenfield, Mass.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Porter-Cable Machine Co., Syracuse, N. Y., "Syracuse"  
 Power King Tool Corp., 706 E. Market, Warsaw, Ind., "Power King"  
 Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J., "Driver"  
 Wallace (J. D.) Co., 134 S. California Av., Chicago, Ill., "Workage"  
 Wappat, Fred. W., 7325 Penn Av., Pittsburgh, Pa.  
 Yates-American Machine Co., Beloit, Wis.

**SAWS, Band, Metal Cutting**

Acme-Detroit Saw Corp., Detroit, Mich.  
 American Saw & Mfg. Co., Springfield, Mass., "Lenox"  
 Armstrong-Blum Mfg. Co., Chicago, Ill., "Marvel"  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Barnes (W. O.) Co., Detroit, Mich.  
 Capewell Mfg. Co., 60 Governor, Hartford, Conn., "Capewell"  
 Clemson Bros., Inc., Middletown, N. Y., "Star"  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa., "Keystone" (also for Home Workshop use)  
 Edge (Frank) & Co., Grand Rapids, Mich.  
 Forsberg Mfg. Co., Bridgeport, Conn., "Whale"  
 Huther Bros. Saw Mfg. Co., Inc., Rochester, N. Y.  
 Lippert (E. T.) Saw Co., Millvale, Pa.  
 Millers Falls Co., Greenfield, Mass.

Ohlen-Bishop Co., Columbus, O.  
 Racine Tool & Mach. Co., Racine, Wis.  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y., "Fish & Hook," "Sandvik" (Swedish)  
 Simonds Saw & Steel Co., Fitchburg, Mass.  
 Spartan Saw Works, Inc., Springfield, Mass.  
 Thompson (Henry G.) & Son Co., New Haven, Conn., "Milford"  
 Victor Saw Wks., Inc., Middletown, N. Y.  
 Wells Mfg. Corp., Three Rivers, Mich.

**SAWS, Band, Wood Cutting**

Acme-Detroit Saw Corp., Detroit, Mich.  
 American Saw & Mfg. Co., Springfield, Mass., "Lenox"  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Barnes (W. O.) Co., Detroit, Mich.  
 Capewell Mfg. Co., 60 Governor, Hartford, Conn., "Capewell"  
 Carlisle Mould Wks., Millville, N. J., "Whirlwind"  
 Chattanooga Saw Wks., Chattanooga, Tenn.  
 Corley Mfg. Co., Chattanooga, Tenn., "Eagle"  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa., "Keystone" (also for Home workshop use)  
 Forsberg Mfg. Co., Bridgeport, Conn., "Whale"  
 Griffiths (Albert) Saw Co., Boston, Mass.  
 Huther Bros. Saw Mfg. Co., Inc., Rochester, N. Y.  
 Jones Superior Mach. Co., Chicago, Ill.  
 Lippert (E. T.) Saw Co., Millvale, Pa.  
 Metal Saw & Mach. Co., Springfield, Mass., "Napier"  
 Millers Falls Co., Greenfield, Mass.  
 Ohlen-Bishop Co., Columbus, O.  
 Olson Bros. Machine, Tool & Saw Co., Inc., 23 Lafayette, B'klyn, N. Y.  
 Racine Tool & Mach. Co., Racine, Wis.  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y., "Fish & Hook," "Sandvik" (Swedish)  
 Simonds Saw & Steel Co., Fitchburg, Mass.  
 Southern Saw Wks., Atlanta, Ga.  
 Thompson (Henry G.) & Son Co., New Haven, Conn., "Milford"  
 Wallace (J. D.) Co., 134 S. California Av., Chicago, Ill.

**SAWS, Bead**

Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

**SAWS, Buck**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Bushman Saw Div. General Steel Warehouse Co., Inc., 1830 N. Kostner Av., Chicago, Ill., "Bushman" (Swedish)  
 Decker (Ernest F.) Saw Wks., Albany, N. Y.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Griffiths (Albert) Saw Co., Boston, Mass.  
 Heehner & Sons, Lansdale, Pa.  
 Millers Falls Co., Greenfield, Mass.  
 Ohlen-Bishop Co., Columbus, O.  
 Pennsylvania Saw Corp., York, Pa., "Penn State"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y., "Fish & Hook," "Sandvik" (Swedish)  
 Snow & Nealley Co., Bangor, Me., "Our Best"  
 Terrill (D. D.) Saw Co., Bangor, Me.

**SAWS, Butchers'**

(See also Blades, Butchers' Saw)

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
 Decker (Ernest F.) Saw Wks., Albany, N. Y.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Millers Falls Co., Greenfield, Mass.  
 Ohlen-Bishop Co., Columbus, O.  
 Pennsylvania Saw Corp., York, Pa., "Penn State"  
 Wells Mfg. Corp., Three Rivers, Mich., "Clever Cutter"

**SAWS, Cabinet**

Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

**SAWS, Cable**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Ohlen-Bishop Co., Columbus, O.

**SAWS, Circular**

Acme-Detroit Saw Corp., Detroit, Mich.  
 Aeromotor Co., Chicago, Ill.  
 Atkins (E. C.) & Co., Indianapolis, Ind., "Combination," "Dual Ground," "Half and Half," "Silver Steel," "Smooth-Cut," "Work-at-Home"  
 Chattanooga Saw Wks., Chattanooga, Tenn.  
 Cocker Mfg. Co., Lockport, N. Y., "America's Best"  
 Corley Mfg. Co., Chattanooga, Tenn., "Eagle"  
 Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
 Decker (E. F.) Saw Wks., Albany, N. Y.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa., "De-Luxe," "Fast-Cut," "Keystone" (also for Home workshop use)  
 Eagle Saw Co., Chattanooga, Tenn.  
 Griffiths (Albert) Saw Co., Boston, Mass.  
 Hoe (R.) & Co., Inc., 910 E. 138th, New York, N. Y.  
 Huther Bros. Saw Mfg. Co., Inc., Rochester, N. Y.  
 Millers Falls Co., Greenfield, Mass.  
 Ohlen-Bishop Co., Columbus, O., "Chromsaw," "Home Mechanic," "Master"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y., "Fish & Hook," "Sandvik" (Swedish)  
 Simonds Saw & Steel Co., Fitchburg, Mass.  
 Southern Saw Wks., Atlanta, Ga.  
 Thurston Mfg. Co., Providence, R. I., "Thurco"  
 White (L. & I. J.) Co., Div. of the Simonds-Worden White Co., Dayton, O.

# STEARNS

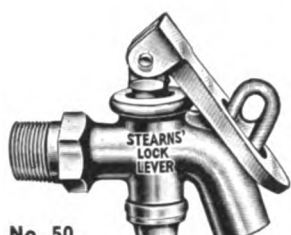
## STEARNS POWER LAWN MOWERS

Stearns Power Lawn Mowers were designed and produced for distribution exclusively through the regular hardware channels of trade. There is a complete line covering a wide range of attractive prices. All models are rubber tired and equipped with Briggs & Stratton engines.

Stearns Power Lawn Mowers are offered in wheel-drive and roll-drive models. All are simple, dependable items of merchandise, easy to start and to operate. They are free from complicated mechanism and as outstanding in their quality, performance and operating economy as they are in cost. The illustrations at the right show a few representative models.

*Write for complete power mower catalog.*

### STEARNS FAUCETS, OIL and MOLASSES GATES



No. 50  
Lock Lever Faucet

#### Faucets

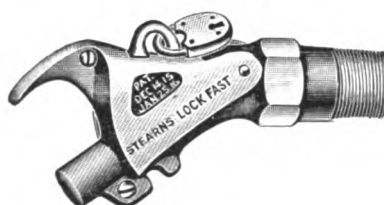
Both are made of close grained iron and are leak-proof. Finished with a heavy cadmium plate. Each has innumerable applications. Both can be locked —  $\frac{3}{4}$ " pipe thread,  $\frac{3}{4}$ " flow.



No. 60  
Self-Closing Faucet

#### Oil and Molasses Gates

Complete stocks of Gates of all kinds and sizes for immediate shipment—Lockfast and Perfection patterns—pipe thread, wood thread, flanged, and porcelain lined. Sizes  $\frac{1}{2}$ " to 6".



### STEARNS HARDWARE

#### Cement Workers' Tools

A complete assortment of twenty-seven patterns for all classes of work.



Saw  
Set  
No. 795B

A popular priced, thoroughly well made pistol grip set for hand saws. Other saw sets of the Stearns line fill every possible requirement for such tools.

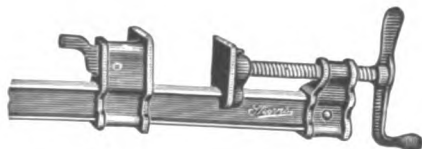
#### Screw Clamp No. 61A

Malleable iron frames, heavy steel screws. The folding handle applies adequate pressure for all purposes without the use of accessory tools. Screw clamps No. 61 in same pattern are available with wing handles. Sizes,  $2\frac{1}{2}$ " to 12".



#### "I" Bar Clamp—No. 22

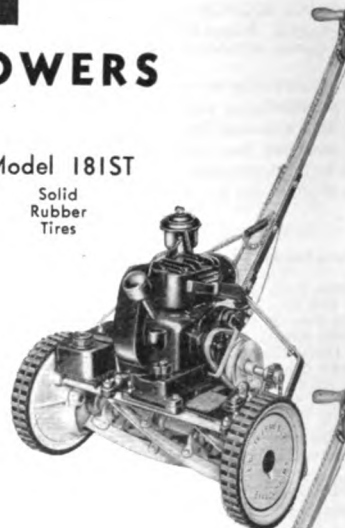
For quick action, serviceability and strength this clamp has no equal. Five other patterns of Steel Bar Clamps are available.



Complete Catalog covering the entire Stearns line should be in your files. If it is not, write for a copy.

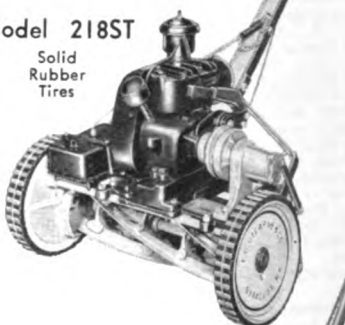
Model 181ST

Solid  
Rubber  
Tires



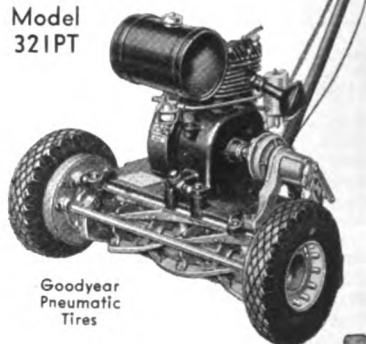
Model 218ST

Solid  
Rubber  
Tires



Model  
321PT

Goodyear  
Pneumatic  
Tires



Model 26A

Rubber Covered  
Drive Rollers  
and Casters



**E. C. STEARNS & CO. Estab. 1864 SYRACUSE, NEW YORK**  
Mention Hardware Age When Writing



**SAWS, Circular Mitre**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
Ohlen-Bishop Co., Columbus, O.

**SAWS, Compass**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Central Hdw. Co., Phila., Pa.  
Decker (E. F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
"Keystone," "Quaker City"  
Ennis Mfg. Co., Reading, Pa.  
Ohlen-Bishop Co., Columbus, O.  
Pennsylvania Saw Corp., York, Pa. "Penn State"  
Thompson (Henry G.) & Son Co., New Haven, Conn. "Hygrade," "Milford"  
Ultra Mfg. Co., 226 E. 144th, New York, N. Y. "Allway Master"  
U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.

**SAWS, Coping**

Ackerman, Steffan & Co., 4532 Palmer, Chicago, Ill. "Trojan"  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
"Lead All," "Favorite"  
Dikeman Mfg. Co., Norwalk, Conn.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Forsberg Mfg. Co., Bridgeport, Conn. "Viking," "Whale"  
Griffin (G. W.) Co., Franklin, N. H.  
Hardware Specialties Mfg. Co., Bruce Av., Stratford, Conn. "Amphion"  
Maxson, F. P., Chicago, Ill. "F. P. M."  
Metal Saw & Mach. Co., Springfield, Mass. "Napier"  
Millers Falls Co., Greenfield, Mass.  
Parker Wire Goods Co., Worcester, Mass.  
Ruleta Co., Inc., 22 Warren, New York, N. Y.

**SAWS, Cross-Cut**

Atkins (E. C.) & Co., Indianapolis, Ind. "American," "Auckland," "Blue End," "Common," "Dexter," "Diamond," "Economy," "Eureka," "Forester," "Hollow Back," "Lance," "Lone Star," "Perfection," "Redwood Falling," "Redwood King," "Rex," "Russian," "Segment Ground," "Silver Steel," "Tuttle," "Universal," "Victor"  
Bushman Saw Div. General Steel Warehouse Co., Inc., 1830 N. Kostner Av., Chicago, Ill. "Bushman" (Swedish)  
Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
Decker (Ernest F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
"Beaver," "Buzz," "Cedar Savage," "Champion," "7-11 Felling," "7-11 Bucking," "Henry," "Kennebec," "Keystone," "Keystone Champion," "Keystone Narrow Diamond," "Keystone Narrow Great American," "Keystone Narrow Plain," "Lance Perforated," "Lumberman," "Nevada Bucking," "Ozark," "Plain," "Swanee," "Triumph Champion," "Triumph Diamond," "Triumph Great American," "Triumph Plain," "Virginian," "Zip"  
Menominee Saw Co., Menominee, Mich.  
Ohlen-Bishop Co., Columbus, O. "American Eagle," "Ohlen-Bishop"  
Pennsylvania Saw Corp., York, Pa. "Penn State"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Fish & Hook," "Sandvik" (Swedish)  
Simonds Saw & Steel Co., Fitchburg, Mass. "Bay State," "Crescent Ground"  
U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.  
White (L. & L. J.) Co., Div. of the Simonds-Worden-White Co., Dayton, O.

**SAWS, Dehorning**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Ohlen-Bishop Co., Columbus, O.

**SAWS, Docking**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
Decker (Ernest F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Ohlen-Bishop Co., Columbus, O. "American Eagle"  
Simonds Saw & Steel Co., Fitchburg, Mass.

**SAWS, Double Duty**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

**SAWS, Dovetail**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Ohlen-Bishop Co., Columbus, O.

**SAWS, Drag**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
Decker (E. F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Ohlen-Bishop Co., Columbus, O.  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Fish & Hook," "Sandvik" (Swedish)  
Simonds Saw & Steel Co., Fitchburg, Mass.  
Stover Mfg. & Engine Co., Freeport, Ill.

**SAWS, Flooring**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Ohlen-Bishop Co., Columbus, O.  
SAWS, Fret—See Saws, Scroll

**SAWS, Grooving**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Ohlen-Bishop Co., Columbus, O.  
Simonds Saw & Steel Co., Fitchburg, Mass.

**SAWS, Hack**

American Saw & Mfg. Co., Springfield, Mass.  
"Lenox," "Mo-Speed," "Super-Flex"  
Armstrong-Blum Mfg. Co., 347 N. Francisco Av., Chicago, Ill. "Marvel"  
Atkins (E. C.) & Co., Indianapolis, Ind. "AAA," "AAA Non-Breakable," "All-Hard," "Blue End," "Silver Steel"  
Barnes (W. O.) Co., Detroit, Mich. "Red Arrow"  
Capewell Mfg. Co., 60 Governor, Hartford, Conn. "Capewell," "Flexloy," "Technite," "Tungflex," "Tunghard"  
Clemson Bros., Inc., Middletown, N. Y. "Star," "Star Moly"  
Crescent Tool Co., Jamestown, N. Y. "Crescent"  
Diamond Saw & Stamping Wks., 260 Court, Buffalo, N. Y. "Sterling," "Super-Sterling"  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa. "Chromol," "Di-Mol," "Double-Flex," "Dura-flex," "High Speed Steel"  
Forsberg Mfg. Co., Bridgeport, Conn. "Whale"  
General Saw & Mfg. Co., Roxbury, Mass. "Genco"  
Great Neck Saw Mfrs., Inc., Great Neck, L. I. "Challenger," "Monarch"  
Griffin (G. W.) Co., Franklin, N. H. "New Griffin"  
Millers Falls Co., Greenfield, Mass. "Blu-Mol," "Millers Falls," "Tuf-Flex," "Universal"  
Napier Saw Wks., Inc., Middletown, N. Y. "Qualit"  
Ritter-Carlton Co., 373 4th Av., New York, N. Y.  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Fish & Hook," "Sandvik" (Swedish)  
Simonds Saw & Steel Co., Fitchburg, Mass. "Red End," "Red Streak"  
Spartan Saw Works, Inc., Springfield, Mass.  
Starrett (L. S.) Co., Athol, Mass.  
Thompson (Henry G.) & Son Co., New Haven, Conn. "Hygrade," "Milford"  
Victor Saw Works, Inc., Middletown, N. Y. "Victor Molly."

**SAWS, Hack, Keyhole**

Forsberg Mfg. Co., Bridgeport, Conn. "Whale"  
Great Neck Saw Mfrs., Inc., Great Neck, L. I.  
Millers Falls Co., Greenfield, Mass.  
Parker Wire Goods Co., Worcester, Mass. "Reach-All"  
Ultra Mfg. Co., 226 E. 144th, New York, N. Y. "Allway Handy"

**SAWS, Hack, Rotary**

Anderson Corp., Worcester, Mass.  
Armstrong-Blum Mfg. Co., 373 N. Francisco Av., Chicago, Ill. "Marvel"  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Black & Decker Mfg. Co., Towson, Md.  
Millers Falls, Greenfield, Mass.  
Misener Mfg. Co., Inc., Syracuse, N. Y.  
Stanley Electric Tool Div., New Britain, Conn.  
United States Electrical Tool Co., Cincinnati, O.  
Van Dorn Electric Tool Co., Towson, Md.  
White Mfg. Co., 93 Lafayette, Newark, N. J. "Burt"

**SAWS, Hand**

Atkins (E. C.) & Co., Indianapolis, Ind. "AAA," "Silver Steel," "Chief," "Four Hundred," "Junior Mechanic," "Home Builder," "Whippet," "Perfection," "Roberts Speedsaw," "Sea Hawk," "Speed King," "Sheffield," "Triple Duty," "Universal," "Last Word."  
Decker (E. F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa. "Air Master," "Blue Jacket," "Challenge," "Defender," "Handy," "Imp," "Jackson," "Keystone," "Leader," "Nineteen-Forty," "Pace Maker," "Quaker City," "Speedster," "Standard," "Vulcan"  
Ennis Mfg. Co., Reading, Pa.  
Field (AKred) & Co., Inc., 93 Chambers, New York, N. Y. "Shamrock" (British)  
Ohlen-Bishop Co., Columbus, O. "Greyhound," "High Speed," "Home Mechanics," "Mastersaw," "Zephyr"  
Peck, Stow & Wilcox Co., Southington, Conn.  
Pennsylvania Saw Corp., York, Pa. "Penn State"  
Ritter-Carlton Co., 373 4th Av., New York, N. Y. (Imported)  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Fish & Hook," "Sandvik" (Swedish)  
U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.

**SAWS, Hand, Electric**

American Floor Surfacing Machine Co., 518 S. St. Clair, Toledo, O. "American"  
Black & Decker Mfg. Co., Towson, Md.  
Carter (R. L.) Co., New Britain, Conn.  
De Walt Products Corp., 50 Fountain Av., Lancaster, Pa.

Mall Tool Co., 7740 S. Chicago Av., Chicago, Ill. "Mall"  
Millers Falls Co., Greenfield, Mass.  
Milwaukee Electric Tool Corp., Milwaukee, Wis.  
Porter-Cable Machine Co., Syracuse, N. Y. "Speed-matic"  
Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"  
Skillsaw, Inc., 8310 Elston Av., Chicago, Ill. "Skillsaw"  
Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"  
Stanley Electric Tool Div., New Britain, Conn.  
Syntron Co., 1938 Black, Homer City, Pa.  
Syracuse Guild Tool Co., 1720 N. Salina, Syracuse, N. Y. "Guildcutter"  
United States Electrical Tool Co., Cincinnati, O.  
Van Dorn Electric Tool Co., Towson, Md.  
Wallace (J. D.) & Co., 134 So. California Av., Chicago, Ill. "Workace"  
Wappat, Fred W., 7325 Penn Av., Pittsburgh, Pa.  
Wodack Electric Tool Corp., 4627 W. Huron Av., Chicago, Ill. "Wodack"

**SAWS, Handy Cut**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Ohlen-Bishop Co., Columbus, O.

**SAWS, Ice**

Atkins (E. C.) & Co., Indianapolis, Ind. (Pond, Hand)  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
Cocker Mfg. Co., Lockport, N. Y.  
Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
Decker (E. F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Henderson, D., Dallas, Tex.  
Ohlen-Bishop Co., Columbus, O. "American Eagle"  
Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.

**SAWS, Inserted Tooth**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Cocker Mfg. Co., Lockport, N. Y.  
Corley Mfg. Co., Chattanooga, Tenn. "Eagle"  
Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
Decker (E. F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Ohlen-Bishop Co., Columbus, O.  
Simonds Saw & Steel Co., Fitchburg, Mass.  
Southern Saw Works, Atlanta, Ga.

**SAWS, Jewelers'**

Ackermann, Steffan & Co., 4532 Palmer, Chicago, Ill. "Trojan"  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

**SAWS, Jig**

Ackermann, Steffan & Co., 4532 Palmer, Chicago, Ill. "Trojan"  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Olson Bros. Machine Tool & Saw Co., Inc., 23 Lafayette, B'klyn, N. Y.  
Ruleta Co., Inc., 22 Warren, New York, N. Y.

**SAWS, Keyhole**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Central Hdw. Co., Phila., Pa.  
Decker (E. F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Forsberg Mfg. Co., Bridgeport, Conn. "Whale"  
Millers Falls Co., Greenfield, Mass.  
Ohlen-Bishop Co., Columbus, O.  
Pennsylvania Saw Corp., York, Pa. "Penn State"  
Ultra Mfg. Co., 226 E. 144th, New York, N. Y. "Allway Master"  
U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.

**SAWS, Kitchen**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Central Hdw. Co., Phila., Pa.  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
Decker (E. F.) Saw Wks., Albany, N. Y.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Millers Falls Co., Greenfield, Mass.  
Ohlen-Bishop Co., Columbus, O. "Adams," "Grimes," "Webster"  
Pennsylvania Saw Corp., York, Pa. "Penn State"  
Washburn Company, Worcester, Mass.

**SAWS, Log**

American Saw Mill Mach. Co., Hackettstown, N. J.  
Atkins (E. C.) & Co., Indianapolis, Ind.  
Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Ottawa Mfg. Co., Ottawa, Kan.  
Pennsylvania Saw Corp., York, Pa. "Penn State"

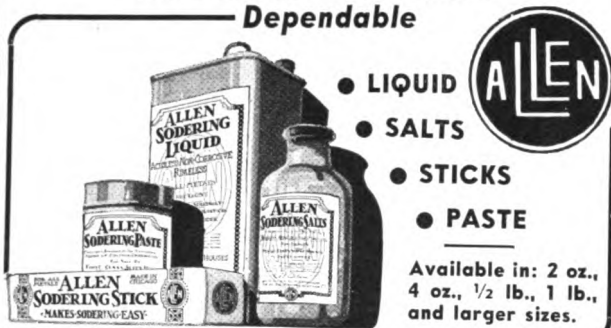
**SAWS, Manual Training**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Forsberg Mfg. Co., Bridgeport, Conn. "Viking," "Whale"  
Ohlen-Bishop Co., Columbus, O.

**ALLEN SODERING FLUX**

KNOWN for 47 YEARS

Dependable



- LIQUID
- SALTS
- STICKS
- PASTE

Available in: 2 oz.,  
4 oz., 1/2 lb., 1 lb.,  
and larger sizes.

● Distributed Thru Jobbers — Write for Catalog ●

**LIQUID SODER CEMENT  
and CLEAR CEMENT**

- LIQUID SODER CEMENT
- ALLEN SODERGLU

A Cold Solder  
Spreads like glue; hardens like  
solder, highest adhesion.

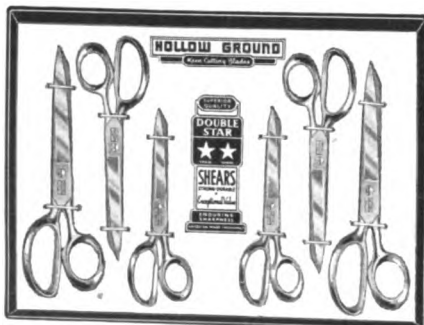
- CLEAR CEMENT
- ALLEN GLASGLU

A related product, for  
transparent mending.  
Both products mounted  
dozen per display.  
AVAILABLE IN  
10c & 25c Sizes



Distributed thru Jobbers—Write for Catalog

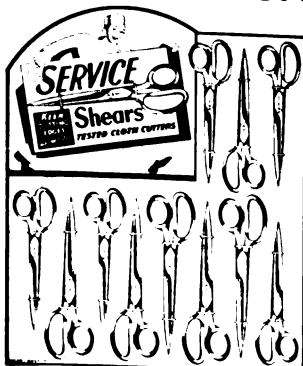
L. B. ALLEN CO., INC. — 6722 CHICAGO — U.S.A.

**DOUBLE ★★ STAR  
HOLLOW GROUND SHEARS****No. 4785  
Assortment**

Assorted 4  
pairs each, 6",  
7", and 8".  
Fine Quality.  
Full Nickel  
Plate Hollow  
Ground  
Shears. Dis-  
played on red  
velour pad. Six  
pairs in front  
and six pairs  
on back of  
pad.

**OUTSTANDING VALUE AT 50¢**

**"SERVICE" — POPULAR 25¢ SHEARS**

**No. 2846 Assortment**

Three pairs each 7" and 8"  
Shears with Nickel Plated  
Handles and Blades; three  
pairs each 7" and 8" As-  
sorted Colored Enamel  
Handles. Oval Pattern.  
Attractive Modern Design  
Display.

**The Acme Shear Co.**  
1940 HICKS ST.  
BRIDGEPORT, CONN.

Order from Your Jobber

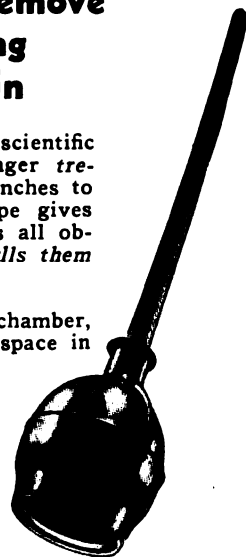
**THE NEW REVOLUTIONARY  
SUPER-FORCE DRAIN PUMP!**

Every home and building with a toilet, sink or bath is a prospective customer for this *extra powerful* drain pump. It has ten times the power of ordinary drain pumps.

**Will Dislodge and Remove  
Any Obstacle Causing  
Stoppage In the Drain**

It operates on an entirely new scientific principle which gives the plunger *tremendous power*. Adding four inches to the bell and changing its shape gives super-power that quickly forces all ob-  
stacles through the drain or *pulls them up* where they can be removed.

The air, compressed in the top chamber, is forced into an even smaller space in the lower chamber—*Power is multiplied*. Many big, nationally known companies including: Du Pont, Standard Oil, Liggett & Myers, Chicago Title and Trust Co. are using it. A demonstration convinces and sells it. Retail at only \$2.95. Good profit. Write for Folder and Discounts.



**AIR FORCE PLUNGER CO., (Not Inc.)**  
613 N. WELLS ST., CHICAGO, ILL.

**BUDD CAN SAVE YOU  
MONEY ON PRESSED STEEL PARTS**

● Because of our wide production facilities for steel stampings, we are in an excellent position to save the manufacturer money on pressed steel parts of all kinds. Our machine shop is the best equipped on the Atlantic seaboard—for both large and small dies. We have helped hundreds of manufacturers lower production costs on blanks and stampings, in both regular-grade and stainless steel. We have quantities of steel in stock, in gauges from No. 5 to No. 22.

Let us quote you a price. Send us a blueprint, pencil sketch, or sample of your product, stating the quantity you need. We undoubtedly have the answer to your production problem.

**EDWARD G. BUDD MANUFACTURING CO.**  
Dept. 6, PHILADELPHIA, PA.

Mention Hardware Age When Writing

**SAWS, Metal Cutting**

Ackermann, Steffan & Co., 4532 Palmer, Chicago, Ill. "Trojan"  
 American Saw & Mfg. Co., Springfield, Mass. "Lenox"  
 Armstrong-Blum Mfg. Co., Chicago, Ill.  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Capewell Mfg. Co., 60 Governor, Hartford, Conn. "Capewell"  
 Decker (E. F.) Saw Wks., Albany, N. Y.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Forsberg Mfg. Co., Bridgeport, Conn. "Whale"  
 Millers Falls Co., Greenfield, Mass.  
 Ohlen-Bishop Co., Columbus, O.  
 Olson Bros. Machine Tool & Saw Co., Inc., 23 Lafayette, B'klyn, N. Y.  
 Pennsylvania Saw Corp., York, Pa. "Penn State"  
 Ruleta Co., Inc., 22 Warren, New York, N. Y.  
 Simonds Saw & Steel Co., Fitchburg, Mass.  
 Standard Tool Co., Cleveland, O.  
 Thompson (Henry G.) & Son Co., New Haven, Conn. "Milford"  
 Thurston Mfg. Co., Providence, R. I. "Thurco"  
 Wells Mfg. Corp., Three Rivers, Mich.

**SAWS, Metal Slitting**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Continental Screw Co., New Bedford, Mass. "Hold-tite"  
 Cowles Tool Co., Cleveland, O.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 Simonds Saw & Steel Co., Fitchburg, Mass.  
 Thurston Mfg. Co., Providence, R. I. "Thurco"  
 Union Twist Drill Co., Athol, Mass.

**SAWS, Mitre Box**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Curtis Saw Co., 1974 Kienlen Av., St. Louis, Mo.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.  
 Pennsylvania Saw Corp., York, Pa. "Penn State"  
 Stanley Tools Div., Stanley Works, New Britain, Conn.  
 U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.

**SAWS, Nest**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.  
 Ritter-Carlton Co., 373 4th Av., New York, N. Y. (Imported)  
 Pennsylvania Saw Corp., York, Pa. "Penn State"  
 U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.

**SAWS, Pattern Makers'**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 "Keystone," "Quaker City"  
 Ohlen-Bishop Co., Columbus, O.

**SAWS, Plasterers'**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.

**SAWS, Plastic**

Ackermann, Steffan & Co., 4532 Palmer, Chicago, Ill. "Trojan"  
 Olson Bros. Machine Tool & Saw Co., Inc., 23 Lafayette, B'klyn, N. Y.

**SAWS, Plumbers'**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Forsberg Mfg. Co., Bridgeport, Conn. "Whale"  
 Ohlen-Bishop Co., Columbus, O.

**SAWS, Portable, Electric—See Saws, Electric, Portable****SAWS, Power Hack, Homecraft**

Double A Products Co., Inc., Ann Arbor, Mich.

**SAWS, Pruning**

Atkins (E. C.) & Co., Indianapolis, Ind. "Duplex," "Forester," "Paragon," "Roberts Speedsaw," "Silver Steel," "Tuttle," "Walnut"  
 Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
 Central Hdw. Co., Phila., Pa. "Clover Leaf"  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.  
 Pennsylvania Saw Corp., York, Pa. "Penn State"  
 Rhodes Mfg. Co., Grand Rapids, Mich.  
 Smith (Seymour) & Son, Inc., Oakville, Conn. "Telephone," "Tree Expert" (Pole & Hand)  
 U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.

**SAWS, Pulp Wood**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Bushman Saw Div. General Steel Warehouse Co., Inc., 1930 N. Kostner Av., Chicago, Ill. "Bushman" (Swedish)  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Fish & Hook," "Sandvik" (Swedish)  
 Simonds Saw & Steel Co., Fitchburg, Mass.  
 Terrill (D. D.) Saw Co., Bangor, Me.

**SAWS, Rip**

Atkins (E. C.) & Co., Indianapolis, Ind. "Four Hundred," "Universal"  
 Cocker Mfg. Co., Lockport, N. Y.  
 Corley Mfg. Co., Chattanooga, Tenn. "Eagle"  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.  
 Ritter-Carlton Co., 373 4th Av., New York, N. Y. (Imported)

**SAWS, Screw Slotting**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Morse Twist Drill & Machine Co., New Bedford, Mass.  
 National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
 Standard Tool Co., 6900 Central Ave., Cleveland, O.  
 Union Twist Drill Co., Athol, Mass.

**SAWS, Scroll**

Ackermann, Steffan & Co., 4532 Palmer, Chicago, Ill. "Trojan"  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Olson Bros. Machine Tool & Saw Co., Inc., 23 Lafayette, B'klyn, N. Y.  
 Ruleta Co., Inc., 22 Warren, New York, N. Y.

**SAWS, Scroll, Electric, Portable, Homecraft**

Arcade Mfg. Co., Freeport, Ill.  
 Barnes (W. F. & John) Co., Rockford, Ill.  
 Beebe Bros., Inc., Seattle, Wash. "Little Cut-Up"  
 Blue Star Products, Fairfield, Ia. "Blue Star"  
 Boice-Crane Co., 1730 Norwood Av., Toledo, O. "Boice-Crane"  
 Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
 Double A Products Co., Inc., Ann Arbor, Mich.  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 J. & H. Metal Products Co., Rochester, N. Y. "Puzzle-maker"  
 Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"  
 Synco Devices, Inc., 747 Beaubien, Detroit, Mich. "Synco," "Synco Jr."  
 Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"  
 Wallace (J. D.) & Co., Chicago, Ill.  
 Yates-American Machine Co., Beloit, Wis.

**SAWS, Stair Builders'**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.

**SAWS, Table, Electric, Portable, Homecraft**

Arcade Mfg. Co., Freeport, Ill.  
 Barnes (W. F. & John) Co., Rockford, Ill.  
 Blue Star Products, Fairfield, Ia. "Blue Star"  
 Boice-Crane Co., 1730 Norwood Av., Toledo, O. "Boice-Crane"  
 Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
 Double A Products Co., Inc., Ann Arbor, Mich.  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Ephrata Mfg. Co., Ephrata, Pa. "Artisan"  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Porter-Cable Machine Co., Syracuse, N. Y. "Syracuse"  
 Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"  
 Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"  
 Wallace (J. D.) Co., 134 S. California Av., Chicago, Ill. "Workage"  
 Yates-American Machine Co., Beloit, Wis.

**SAWS, Turning**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Millers Falls Co., Greenfield, Mass.  
 Ohlen-Bishop Co., Columbus, O.  
 Olson Bros. Machine Tool & Saw Co., Inc., 23 Lafayette, B'klyn, N. Y.

**SAWS, Whip and Pit**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diston (Henry) & Sons (Tacony), Phila., Pa.

**SAWS, Wood—See Saws, Buck****SCABBARDS, Axe—See Sheaths, Axe****SCAFFOLD BRACKETS—See Brackets, Scaffold****SCAFFOLDINGS, Collapsible**

Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
 American Ladder Co., 3700 W. 35th, Chicago, Ill. "Miller"  
 Babcock (W. W.) Co., Bath, N. Y.  
 Berg (John) Mfg. Co., Chicago, Ill.  
 Clark (J. R.) Co., Minneapolis, Minn.  
 Flint (A. W.) Co., New Haven, Conn.  
 Hubeny Brothers, Inc., Roselle, N. J. (Steel)  
 Moulton Ladder Mfg. Co., Somerville, Mass.  
 Putnam & Co., Inc., 30 Howard, New York, N. Y.  
 Raymond Products Co., Saginaw, Mich.  
 Thrasher Mfg. Co., Inc., Perrysburg, N. Y.

Tilley (John S.) Ladders Co., Inc., Watervliet, N. Y. (Portable)  
 Warner Mfg. Co., 801 16th Av., S. E., Minneapolis, Minn. (Sectional)  
 Woodenware Products Co., St. Louis, Mo.

**SCALE BEAMS**

Exact Weight Scale Co., 17 W. 5th Av., Columbus, O.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Sargent & Co., New Haven, Conn.  
**SCALE MODEL TRAINS—See Kits and Supplies.**  
 Model Making, Airplane, Automobile, Ship and Train

**SCALERS, Fish**

C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kohler"  
 Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
 Chicago Flexible Shaft Co., Chicago, Ill. "Stewart"  
 Douglas Co., 1126 S. 7th, Minneapolis, Minn. "Nu-way"  
 Ennis Mfg. Co., Reading, Pa.  
 Enterprise Mfg. Co., Dept. HA, Akron, O. "Kleen"  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hills, Edwin, Plainville, Conn.  
 Horrocks-Ibbotson Co., Dept. S., Utica, N. Y.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 North & Judd Mfg. Co., New Britain, Conn. "Anchor Brand"  
 South Bend Bait Co., South Bend, Ind.  
 Wrightsville Hdw. Co., Wrightsville, Pa.

**SCALES, Baby**

Brearley Co., Rockford, Ill. "Counselor"  
 Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
 Continental Scale Corp., 5701 So. Claremont Av., Chicago, Ill. "Infant-O-Meter," "Stork"  
 Detecto Scales, Inc., Div. Jacobs Bros. Co., Inc., 1 Main, B'klyn, N. Y. "Detecto" (Springless)  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Fairbanks"  
 Hanson Scale Co., 525 N. Ada, Chicago, Ill. "Hanson"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"

**SCALES, Bathroom**

Borg Scale Div., Geo. W. Borg Corp., 469 E. Ohio, Chicago, Ill. "De Luxe," "Standard"  
 Brearley Co., Rockford, Ill. "Counselor"  
 Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
 Continental Scale Corp., 5701 So. Claremont Av., Chicago, Ill. "Health-O-Meter"  
 Detecto Scales, Inc., Div. Jacobs Bros. Co., Inc., 1 Main, B'klyn, N. Y. "Detecto"  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Fairbanks"  
 Hanson Scale Co., 525 N. Ada, Chicago, Ill. "Apartment," "Hanson," "Hi-Dial," "Petite," "Weigh Master"  
 Holley Carburetor Co., Detroit, Mich. "Kwik-Wate"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 New England Scale Co., Boston, Mass.  
 Northern Eng. & Mfg. Co., La Crosse, Wis. "Sterling"  
 Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill.  
**SCALES, Butchers—See Scales, Counter**

**SCALES, Counter**

Barnes Products, Inc., 6521 John R., Detroit, Mich. "Barnes"  
 Buffalo Scale Co., Buffalo, N. Y.  
 Chatillon (John) & Sons, 85 Cliff, New York, N. Y. "Century," "Delcan"  
 Dayton Scale Co., Dayton, O.  
 Exact Weight Scale Co., 17 W. 5th Av., Columbus, O.  
 Fairbanks (E. & T.) & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Fairbanks"  
 Forscher (R. H.) Co., 230 3rd Av., New York, N. Y.  
 Hanson Scale Co., 525 N. Ada, Chicago, Ill. "Hanson"  
 Howe Scale Co., Rutland, Vt.  
 Jacobs Bros. Co., Inc., 1 Main, B'klyn, N. Y. "Detecto-Gram"  
 Knowles Scale Wks., Lowell, Mass.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill.  
 Penn Scale Mfg. Co., Inc., 1017 N. Front, Phila., Pa.  
 Reading Hdw. Corp., Reading, Pa.  
 Smith Scale Co., Columbus, O.  
 Spencer's (S.) Sons, Guilford, Conn.  
 Stimpson Computing Scale Co., 829 Logan, Louisville, Ky.  
 Toledo Scale Co., Toledo, O.  
 Triner Scale & Mfg. Co., 2714 W. 21st St., Chicago, Ill.

**SCALES, Dietetic**

Hanson Scale Co., 525 N. Ada, Chicago, Ill. "Hanson"  
 Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill. "Rexo"  
**SCALES, Egg—See Graders, Egg**  
**SCALES, Family—See Scales, Household or Family**  
**SCALES, Grocers—See Scales, Counter**  
**SCALES, Hardware—See Scales, Counter**  
**SCALES, Health—See Scales, Bathroom**



# SAMSON CORDAGE WORKS

89 BROAD ST.

BOSTON, MASS.



Trade Mark Reg. U. S. Pat. Off.

**M**ANUFACTURERS of braided cord of all kinds, sizes, colors and qualities, according to the service required. Sash cord, clothes line, solid braided rope, masons' line, shade cord, awning line, garden line, marine cord, Venetian blind cord and ladder tape, etc., also glazed cotton twine. These brands, which have a long-established manufacturer's reputation behind them, save you from complaints and lost customers.

TRADE  
MARK

## SASH CORDS

### Samson Spot



Trade Mark Reg. U. S. Pat. Off.

Made of fine plied yarn and guaranteed free from flaws. For use in the best class of work. Will last at least a generation and is the most durable material for hanging windows. Always identified by the Colored Spots, our trade mark. Sizes Nos. 6, 7, 8, 9, 10, 12.\* Put up in 100-ft. hanks, two connected; also coils, reels and tubes.

TRADE  
MARK

## Phoenix



Made of yarn not quite as fine. A smooth firmly braided cord, very serviceable for ordinary work. Sizes 6, 7, 8, 9, 10, 12. Put up in 100-ft. hanks, two connected; also coils, reels and tubes.

TRADE  
MARK

## Aetna

Made of coarser yarn but not "roving." No loading. A good cord at a low price for use where first cost is an important consideration. Sizes Nos. 6, 7, 8, 9, 10, 12. Put up in 100-ft. hanks, two connected; also coils, reels and tubes.

## SAMSON MASONS' LINES

Solid braided cotton; does not kink, stretch or ravel like twisted cord, and far more durable. White and drab with glazed finish. Sizes Nos. 3½, 4, 4½ in hanks 48 ft. each. Size No. 5 in hanks 100 ft. each. All sizes also in coils, 1,000 yds. each.



## CLOTHES LINES

Solid braided, full weight SASH CORD is under many conditions the best clothes line, because of its strength and durability, especially when used on pulleys. Phoenix is good sash cord and excellent clothes line. Counter displays and envelope stuffers furnished free.

## Whale



A splendid line at a moderate price, and with exceptional sales features. Each hank is in a brilliant red, white, and blue transparent wrapping, packed one dozen in a handsome display carton. Whale lines are made of good cotton yarn, solid braided, slightly more flexible than sash cord. About twice as strong as cheap "roving" lines. 50-ft. hanks, two connected.

## NASHOBA TWINE



Nashoba Glazed Cotton Twine

Nashoba is smooth, tough, flexible twine containing no rough or harsh fibres. It knots firmly and does not open or untwist. White and colors. Comes in balls, tubes and reels.

## CATALOGS AND SAMPLES FREE

*Special Cords Furnished to Meet Special Requirements*

\*The size numbers indicate the diameter in 32nds of an inch.

Mention Hardware Age When Writing

Digitized by Google

**SCALES, Household or Family**  
(See also Scales, Counter)

Borg Scale Div., Geo. W. Borg Corp., 469 E. Ohio, Chicago, Ill.  
 Brearley Co., Rockford, Ill. "Counselor"  
 Chatillon (John) & Sons, 85 Cliff, New York, N. Y. "Favorite"  
 Dayton Scale Co., Dayton, O.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Fairbanks"  
 Hanson Scale Co., 525 N. Ada, Chicago, Ill. "Cook-O-Meter," "Hanson," "Silver Clipper," "Way-Rite," "White House"  
 Jacobs Bros. Co., Inc., 1 Main, B'klyn, N. Y. "Detecto-Wate"  
 Landers, Frary & Clark, New Britain, Conn. "Climax," "Universal"  
 Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill. "De Luxe," "Kitchenette"  
 Penn Scale Mfg. Co., Inc., 1017 N. Front, Phila., Pa.  
 Triner Scale & Mfg. Co., 2714 W. 21st, Chicago, Ill.  
**SCALES, Letter—See Scales, Postal**  
**SCALES, MACHINISTS', Steel—See Rules, Machinists'**

**SCALES, Milk**

American Scale Co., Kansas City, Mo.  
 Chatillon (John) & Sons, 85 Cliff, New York, N.Y.  
 Dayton Scale Co., Dayton, O.  
 Exact Weight Scale Co., 17 W. 5th Av., Columbus, O.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Fairbanks"  
 Hanson Scale Co., 525 N. Ada, Chicago, Ill. "Hanson"  
 Howe Scale Co., Rutland, Vt.  
 James Mfg. Co., Fort Atkinson, Wis.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"

**SCALES, Nursery—See Scales, Baby****SCALES, Parcel Post**

(See also Scales, Postal)  
 Buffalo Scale Co., 1200 Niagara, Buffalo, N. Y.  
 Chatillon (John) & Sons, 85 Cliff, New York, N.Y. "General Checker," "Twosize," "U. S."  
 Dayton Scale Co., Dayton, O.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Fairbanks"  
 Hanson Scale Co., 525 N. Ada, Chicago, Ill. "Hanson"  
 Howe Scale Co., Rutland, Vt.  
 Jacobs Bros. Co., Inc., 1 Main, B'klyn, N. Y. "Post-o-Meter"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Pearsall Mfg. Co., Rochester, N. Y.  
 Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill. "Columbian," "Commercial," "Crescent," "Mail Express," "National," "Parcel Post," "Victor"  
 Toledo Scale Co., Toledo, O.  
 Triner Scale & Mfg. Co., 2714 W. 21st, Chicago, Ill. "Liberty"

**SCALES, Platform, Portable**

American Scale Co., Kansas City, Mo.  
 Buffalo Scale Co., Buffalo, N. Y.  
 Chatillon (John) & Sons, 85 Cliff, New York, N.Y.  
 Dayton Scale Co., Dayton, O.  
 Exact Weight Scale Co., 17 W. 5th Av., Columbus, O.  
 Fairbanks (E. & T.) & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Fairbanks"  
 Forscher (R. H.) Co., 230 3rd Av., New York, N. Y.  
 Howe Scale Co., Rutland, Vt.  
 Jacobs Bros. Co., Inc., 1 Main, B'klyn, N. Y.  
 Knowles Scale Wks., Lowell, Mass.  
 Toledo Scale Co., Toledo, O.

**SCALES, Postal**

(See also Scales, Parcel Post)  
 Buffalo Scale Co., Buffalo, N. Y.  
 Chatillon (John) & Sons, 85 Cliff, New York, N.Y. "Favorite"  
 Dayton Scale Co., Dayton, O.  
 Exact Weight Scale Co., 17 W. 5th Av., Columbus, O.  
 Fairbanks (E. & T.) & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "Fairbanks"  
 Hanson Scale Co., 525 N. Ada, Chicago, Ill. "Hanson"  
 Howe Scale Co., Rutland, Vt.  
 Jacobs Bros. Co., Inc., 1 Main, B'klyn, N. Y.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Pearsall Mfg. Co., Rochester, N. Y.  
 Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill. "Columbian," "Commercial," "Crescent," "Fast Mail," "Mail Express," "National," "Standard," "Victor"  
 Toledo Scale Co., Toledo, O.  
 Triner Scale & Mfg. Co., 2714 W. 21st, Chicago, Ill. "Gem"

**SCALES, Toy**

Kingsbury Mfg. Co., Keene, N. H. "Play Store"  
**SCALLOP KNIVES—See Knives, Oyster and Clam**  
**SCHOOL BELLS—See Bells, Church, Fire, Schoolhouse, Etc.**  
**SCHOOL CHALK—See Crayons**  
**SCHOOL CRAYONS—See Crayons**

**SCHOOL SLATES—See Slates, School****SCHOOL WARDROBES—See Lockers, Steel****SCISSORS**

(See also Shears and Scissors)

Acme Shear Co., 150 Joseph, Bridgeport, Conn. Ace," "Avon," "Majestic," "Puritan," "Triumph"  
 Atlas Shear Co., Bridgeport, Conn.  
 Berridge Shear Co., Sturgis, Mich.  
 Boker (H.) & Co., 101 Duane, New York, N. Y. "Tree Brand"  
 Case (W. R.) & Sons Cutlery Co., Bradford, Pa.  
 Cattaraugus Cutlery Co., Little Valley, N. Y.  
 Claus Shear Co., Fremont, O.  
 Clayton Mfg. Co., Bristol, Conn.  
 Compton (W. H.) Shear Co., 814 Camden, Newark, N. J. "Compton U-Set"  
 Continental Mfg. Co., 702 6th Av., New York, N. Y.  
 Eversharp Shear Co., 50 Hicks, Bridgeport, Conn.  
 Griffon Cutlery Works, 151 W. 19th, New York, N. Y. "Griffon"  
 Heinisch (R.) Sons Wks., 31 Littleton Av., Newark, N. J.  
 Henkel Co., Fremont, O.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Robeson Cutlery Co., Inc., Perry, N. Y. "Shuredge"  
 Schaff & Good Co., Jackson, Fremont, O.  
 Schneffel Bros., 684 S. 17th, Newark, N. J. "La Cross"  
 Wallace (R.) & Sons' Mfg. Co., Wallingford, Conn.  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**SCISSORS, Manicure**

(See also Sets, Manicure)

Boker (H.) & Co., 101 Duane, New York, N. Y.  
 Cattaraugus Cutlery Co., Little Valley, N. Y.  
 Claus Shear Co., Fremont, O.  
 Compton (W. H.) Shear Co., 814 Camden, Newark, N. J.  
 Continental Mfg. Co., 702 6th Av., New York, N. Y.  
 Griffon Cutlery Works, 151 W. 19th, New York, N. Y. "Griffon"  
 Heinisch (R.) Sons Wks., 31 Littleton Av., Newark, N. J.  
 Henkel Co., Fremont, O.  
 Hollinger Cutlery Co., Fremont, O.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Salm Mfg. Co., Torrance, Cal.  
 Schaff & Good Co., Jackson, Fremont, O.  
 Schneffel Bros., 684 S. 17th, Newark, N. J. "La Cross"  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**SCISSORS, Sharpener—See Sharpener, Scissors****SCOOP HANDLES—See Handles, Scoop, Spade and Shovel****SCOOPS—See Also Shovels, Spades and Scoops****SCOOPS, Breakdown**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 Ingersoll Steel & Disc, Div. of Borg-Warner Corp., New Castle, Ind.  
 Magor Car Corp., 50 Church, New York, N. Y.  
 Wood Shovel & Tool Co., Piqua, O.

**SCOOPS, Coal Yard**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Ingersoll Steel & Disc, Div. of Borg-Warner Corp., New Castle, Ind.  
 Magor Car Corp., 50 Church, New York, N. Y.  
 Wood Shovel & Tool Co., Piqua, O.

**SCOOPS, Furnace**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "CKR," "Kohler," "Little Giant"  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Ingersoll Steel & Disc, Div. of Borg-Warner Corp., New Castle, Ind.  
 Pfeiffer (John) Co., 222 Race, Phila., Pa.  
 Union Fork & Hoe Co., Columbus, O. "Handy Andy"  
 Wood Shovel & Tool Co., Piqua, O.

**SCOOPS, Grain**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Ingersoll Steel & Disc, Div. of Borg-Warner Corp., New Castle, Ind.  
 Wood Shovel & Tool Co., Piqua, O.

**SCOOPS, Grocers'**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Bremer Aluminum Corp., New Washington, O.  
 Chatillon (John) & Sons, 85 Cliff, New York, N.Y. "Foster Bros."  
 Crescent Scoop Mfg. Co., Phila., Pa.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 Jacobs Bros. Co., Inc., 1 Main, B'klyn, N. Y. "Sta-Brite"  
 Kraemer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
 Lalance & Grosjean Corp., Woodhaven, N. Y.  
 Michigan Wire Goods Co., Niles, Mich. "Androck"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Penn Scale Mfg. Co., Inc., 1017 N. Front, Phila., Pa.  
 Reynolds Spring Co., Molded Plastic Div., Jackson, Mich. "Bonnyware"  
 Sexton Can Co., Everett, Mass.

**SCOOPS, Household**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Bremer Aluminum Corp., New Washington, O.  
 Jacobs Bros. Co., Inc., 1 Main, B'klyn, N. Y. "Sta-Brite"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Reynolds Spring Co., Molded Plastics Div., Jackson, Mich. "Bonnyware"  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Sexton Can Co., Everett, Mass.  
 Vaughan Novelty Mfg. Co., Chicago, Ill.  
 Wagner Mfg. Co., Sidney, O.  
 Wallace Bros., Wallingford, Conn.

**SCOOPS, Ice**

Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 Bremer Aluminum Corp., New Washington, O.  
 Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.  
 Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.  
 Wagner Mfg. Co., Sidney, O.

**SCOOPS, Ice Cream**

Benedict Mfg. Co., East Syracuse, N. Y. "Indestructo"  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
 Wagner Mfg. Co., Sidney, O.  
 Wallace Bros., Wallingford, Conn. "W.B.W."

**SCOOPS, Potato—See Scoops, Vegetable, Etc.****SCOOPS, Locomotive**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Ingersoll Steel & Disc, Div. of Borg-Warner Corp., New Castle, Ind.  
 Wood Shovel & Tool Co., Piqua, O.

**SCOOPS, Sand or Gravel**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Ingersoll Steel & Disc, Div. of Borg-Warner Corp., New Castle, Ind.  
 Wood Shovel & Tool Co., Piqua, O.

**SCOOPS, Snow, Wooden**

Concord Woodworking Co., West Concord, Mass.  
 Hooper Snow Shovel Co., Biddeford, Me.  
 Kennebec Box & Lumber Co., So. Gardiner, Me. "Deering"  
 Rugg Mfg. Co., Greenfield, Mass. "Rugg"

**SCOOPS, Vegetable**

(See also Forks, Vegetable, Scoop)

Michigan Wire Goods Co., 111 2nd, Niles, Mich. "Androck," "Champion," "Sholder"  
 Sommer (John) Faucet Co., 32 Morris Av., Newark, N. J. "Star"

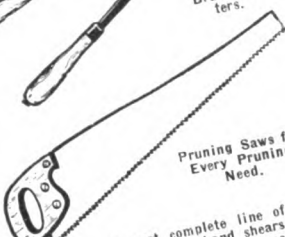
**SCOOTER SKATES—See Skates, Scooter****SCOOTERS**

American-National Co., Toledo, O.  
 Auto-Wheel Coaster Co., Inc., North Tonawanda, N. Y.  
 Colson Corp., Elyria, O. "Colson"  
 Garton Toy Co., Sheboygan, Wis.  
 Gendron Wheel Co., Toledo, O. "Flying Arrow," "Pioneer"  
 Hamilton Steel Products, Inc., 1815 W. 74th, Chicago, Ill. "Greyhound"  
 Hance (J. W.) Mfg. Co., Westerville, O. "Goocyte"  
 Janesville Products Mfg. Co., 2334 S. Michigan Av., Chicago, Ill. "Skudder Car"  
 Junior Toy Corp., Hammond, Ind.  
 Murray-Ohio Mfg. Co., Cleveland, O. "Steelcraft"  
 Musselman Products Co., 6242 St. Clair Av., Cleveland, O. "Doenut"  
 Powell Pressed Steel Co., Hubbard, O. "De Luxe Skeeters" (Also for Ice & Snow) "Skeeters"  
 Radio Steel & Mfg. Co., 6515 W. Grand Av., Chicago, Ill. "Radio"  
 Schmid Bros., Lancaster, Pa. "Humdinger"  
 Skippy Racers, Inc., Toledo, O.  
 Steel Stamping Co., Lorain, O.

SEYMOUR SMITH

PRUNING TOOLS  
GRASS and HEDGE SHEARS

# THIS TRADE MARK MEANS

BETTER PRUNING  
& TRIMMING TOOLSEASY CONSUMER  
ACCEPTANCELARGER PROFITS •  
MORE SATISFACTION  
WITH EACH SALEFamous  
Patented  
"Snap-Cut"  
The World's  
Finest and  
Easiest Cut-  
ting PrunersHand Pruners of  
all types and  
sizes. Steel, mal-  
leable iron, drop-  
forged and cast  
iron Pruners.Full Line  
of Looping  
Shears and  
Brush Cut-  
ters.Pruning Saws for  
Every Pruning  
Need.Tip Top Tree  
Trimmers with  
Saw Attachment.The finest and most complete line of  
Pruning Tools—including hand shears,  
looping shears, saws and many types  
of tree and telephone pruners."Clean Clipper" Grass  
Shears — Also Various  
Styles in Malleable  
Iron, Drop-Forged and  
Pressed Steel.Complete  
Line of  
Hedge  
Shears — All  
Styles and  
Prices."Stand-Up"  
Ezy-Cut-  
Grass  
Shears.New "Multi - Power"  
Hedge Shears with "Soft"  
Compound Cutting Action.WRITE  
FOR  
FREE  
CATALOG

SEYMOUR SMITH & SON, Inc.  
OAKVILLE, CONNECTICUT, U. S. A.  
SALES REPRESENTATIVE: JOHN H. GRAHAM & CO., INC.  
105 Duane Street, New York, N. Y.



DEPENDABLE Oil Valves control  
the New Heater Models of These  
Famous Manufacturers

American Boiler & Foundry Co. A. J. Lindemann & Howerson Co.  
Milan, Michigan Milwaukee, Wisconsin  
American Stove Co. H. C. Little Burner Co.  
Lorain, Ohio San Rafael, California  
Anchor Stove & Range Loneragan Mfg. Co.  
Co., Inc. Albion, Michigan  
New Albany, Indiana Malleable Iron Range Co.  
Associated Oil Burner Co. Beaver Dam, Wisconsin  
Hartford, Connecticut Metal Door & Trim Co.  
Caloric Gas Stove Co. LaPorte, Indiana  
Philadelphia, Pa. The Moore Corporation  
The Cleveland Co-operative Joliet, Illinois  
Stove Co. Cleveland, Ohio  
Cleveland, Ohio Norge Division, Borg Warner  
Cole Hot Blast Mfg. Co. Corporation  
Chicago, Illinois Detroit, Michigan  
The Coleman Lamp & Stove Co. Oakland Foundry Company  
Wichita, Kansas Belleville, Illinois  
Copper-Clad Malleable Odin Stove Mfg. Co.  
Range Co. Erie, Pennsylvania  
St. Louis, Missouri Ohio Foundry & Mfg. Co.  
Dixie Foundry Steubenville, Ohio  
Cleveland, Tennessee Peoples Oil Burner Co.  
Dortch Stove Works Chicago, Illinois  
Franklin, Tennessee Perfection Stove Co.  
Duo-Therm Div., Motor Cleveland, Ohio  
Wheel Corp. Prentiss-Wabers Products Co.  
Lansing, Michigan Wisconsin Rapids, Wis.  
Eagle Stove & Foundry Co. Quaker Manufacturing Co.  
Belleville, Illinois Chicago, Illinois  
Enterprise Foundry Co., Ltd. Quincy Stove Company  
Sackville, N. B., Canada Quincy, Illinois  
Estate Stove Co. Renown Stove Co.  
Hamilton, Ohio Owosso, Michigan  
Evans Products Company (Oil Round Oak Co.  
Burning Water Heater Dowagiac, Michigan  
Controls) Detroit, Michigan  
Florence Stove Co. Samuel Stamping & Enamel-  
Kankakee, Illinois ing Co.  
Gasoroll Mfg. Co., Inc. Chattanooga, Tennessee  
Genoa City, Wisconsin Schult Trailers, Inc.  
Globe American Stove Corp. Elkhart, Indiana  
Kokomo, Indiana Siegler Enamel Range Company  
Globe Machine & Stamping Co. Centralia, Illinois  
Cleveland, Ohio Silent Glow Oil Burner Corp.  
Hartford, Connecticut  
Gray & Dudley Co. Steelcraft, Inc.  
Nashville, Tennessee Michigan City, Indiana  
Great Western Stove Co. Tennessee Enameling Mfg. Co.  
Leavenworth, Kansas Nashville, Tennessee  
International Oil Burner Co. Tennessee Stove Works  
St. Louis, Missouri Chattanooga, Tennessee  
Jungers' Stove and Range Co. Viking Mfg. Co.  
Grafton, Wisconsin Detroit, Michigan  
Kalamazoo Stove Co. Washington Stove Works  
Kalamazoo, Michigan Everett, Washington  
Laco Oil Burner Co. Western Stove Co.  
Griswold, Iowa Culver City, California

Annual

ROLL  
CALL

At the Big Shows,

concentrate on these  
A-P Controlled Heaters! They offer you PLUS VALUE  
in dependable Service — and additional profit possi-  
bilities because of their adaptability to AUTOMATIC  
HEAT CONTROL ACCESSORIES.

AUTOMATIC PRODUCTS COMPANY

2442 NORTH THIRTY — SECOND STREET  
MILWAUKEE WISCONSIN

★ Manufacturers of DEPENDABLE Controls for  
Oil Burning Appliances



**SCOOTERS, Motor**

Blue Ribbon Skoot-Mo-Bile, Inc., 1712 S. Michigan Av., Chicago, Ill. "Skoot-Mo-Bile"  
Cushman Motor Wks., Lincoln, Neb. "Auto-Glide"  
Custer Specialty Co., Dayton, O.  
G.H.Q. Motors, 854 E. 149th, New York, N. Y.  
"Power Cycle"  
Gest (J. M.) Mfg. Co., 1009 Diamond, Phila., Pa.  
"Transporter"  
Keen Mfg. Co., Madison, Wis. "Keen"  
Midget Motors Corp., Kearney, Nebr. "Powertrike,"  
"Puddlejumper"  
Moto-Scout Mfg. Co., 8404 South Chicago Av., Chicago, Ill. "Moto-Scout"  
Rock-Ola Mfg. Corp., Scooter Div., 826 N. Kedzie Av., Chicago, Ill. "Rock-Ola"

**SCORE BOOKS, RIFLE AND PISTOL**—See Books, Score, Rifle and Pistol

**SCOURING DEVICES, METAL**—See Cleaners, Pot, Metal; also Pads, Scouring, Steel Wool

**SCOURING, STEEL WOOL PADS**—See Pads, Scouring, Steel Wool

**SCOURING STONES**—See Stones, Scouring & Grid-dle

**SCOUT AXES**—See Axes, Boy Scout, Forged Steel  
**SCOUT KNIVES**—See Knives, Hunting; also Knives, Pocket

**SCRAPER SETS, PAINTER'S**—See Sets Scraper, Painter's

**SCRAPERS, Barn**—See Cleaners, Sidewalk; also Scrapers, Chicken Coop

**SCRAPERS, Barn**—See Cleaners, Sidewalk

**SCRAPERS, Bearing**

Albert Tool Co., Mercer, Pa.  
American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
Fairmount Tool & Forging Co., Cleveland, O.  
Krauter & Co., Inc., 575 18th Av., Newark, N. J.  
Marcy Tool Wks., Putnam, Conn.  
Millers Falls Co., Greenfield, Mass.  
Osborne (C. S.) & Co., Harrison, N. J.  
P & C Hand Forged Tool Co., Portland, Ore.  
Pitney Packing & Flue Brush Mfg. Co., St. Louis, Mo.  
Plomb Tool Co., Los Angeles, Cal.  
Stanley Tools Div., of Stanley Works, New Britain, Conn.  
Tiffany (Carroll R.) Conklin, N. Y. "Ace"  
Tuck Mfg. Co., Brockton, Mass.  
United States Tool Corp., Louisiana, Mo.  
Vichek Tool Co., 2006 E. 8th, Cleveland, O.

**SCRAPERS, Belt**

Atkins (E. C.) & Co., Indianapolis, Ind.

**SCRAPERS, Bench**—See Scrapers, Cabinet and Bench

**SCRAPERS, Box**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Bradley (A. J.) Mfg. Co., 101 Beckman, New York, N. Y.  
Carver Tool Wks., Spring Valley, N. Y.  
Drew (C.) & Co., Kingston, Mass.  
Ideal Stencil Machine Co., Belleville, Ill.  
Johnson (William), Inc., 86 Brenner, Newark, N. J.  
Maine Steel, Inc., South Portland, Me.  
Sawyer (L. A.) Co., 332 Mulberry, Newark, N. J.  
Smith (Landon P.), Inc., 130 Coit, Irvington, N. J.  
"Red Devil"  
Stanley Tools Div., of Stanley Works, New Britain, Conn.  
Starrett (L. S.) Co., Athol, Mass.  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
U. S. Bottlers' Machy. Co., Chicago, Ill. "Marxoff"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**SCRAPERS, Butchers' Block**

Atkins (E. C.) & Co., Indianapolis, Ind.  
Chatillon (John) & Sons, 55 Cliff, New York, N. Y.  
"Foster Bros."  
Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Ohlen-Bishop Co., Columbus, O.  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Smith (Landon P.) Inc., 130 Coit, Irvington, N. J.  
"Red Devil"  
Starrett (L. S.) Co., Athol, Mass.  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
Village Blacksmith Folks, Watertown, Wis.  
White (L. & I. J.) Co., Div. Simonds-Worden-White Co., Dayton, O.

**SCRAPERS, Cabinet and Bench**

Atkins (E. C.) & Co., Indianapolis, Ind. (French, Concave & Convex)  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"  
Clarke Sanding Machine Co., Dept. HA-836, Muskegon, Mich. "Dreadnaught"  
Decker (E. F.) Saw Wks., Albany, N. Y.  
Dikeman Mfg. Co., Norwalk, Conn.  
Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Fletcher Terry Co., Forestville, Conn. "Quick-Grip"  
Forsberg Mfg. Co., Bridgeport, Conn. "Viking," "Whale"

Holt Hardwood Flooring & Mfg. Co., 606 Bergen, Newark, N. J.  
Hook Scraper Co., Queens Village, Long Island, N. Y. "Big Hand"  
Millers Falls Co., Greenfield, Mass.  
"Mohawk-Sheburne"  
Ohlen-Bishop Co., Columbus, O.  
Penn Tool Co., 713 N. Broad, Phila., Pa.  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Fish & Hook," "Sandvik" (Swedish)  
Smith (Landon P.), Inc., 130 Coit, Irvington, N. J. "Red Devil"  
Stanley Tools Div., of Stanley Works, New Britain, Conn.  
Starrett (L. S.) Co., Athol, Mass.  
Stearns (E. C.) & Co., Syracuse, N. Y.  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
Tuck Mfg. Co., Brockton, Mass.  
U. S. Expansion Bolt Co., Inc., Saw Div., York, Pa.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
Warner Mfg. Co., 801 16th Av., S. E., Minneapolis, Minn.  
Zip-All Products Co., 14 Warren, New York, N. Y. "Zip-All"

**SCRAPERS, Carbon**

Chicago Tool & Kit Mfg. Co., Chicago, Ill.  
Eclipse Metal Mfg. Co., Eden, N. Y. "Emmco"  
Marcy Tool Wks., Putnam, Conn.  
Mound Tool Co., St. Louis, Mo.  
Osborne (C. S.) & Co., Harrison, N. J.  
Oxford Tool Co., 1633 N. Second, Phila., Pa.  
P & C Hand Forged Tool Co., Portland, Ore.  
Plomb Tool Co., Los Angeles, Cal.  
Quality Tools Corp., New Wilmington, Pa. "Old Forge"  
Tiffany (Carroll R.) Conklin, N. Y. "Ace"  
United States Tool Corp., Louisiana, Mo.

**SCRAPERS, Chicken Coop**

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kohler," "Little Giant"  
Cyclone Mfg. Co., Urbana, Ind. "Handy-Andy"  
Hamlin Metal Products Co., 58 W. Exchange, Akron, O. "Husky Helper"  
Iwan Bros., South Bend, Ind.  
Seymour Mfg. Co., Inc., Seymour, Ind.  
Starline, Inc., Harvard, Ill.  
Union Fork & Hoe Co., Columbus, O. "Union"

**SCRAPERS, Crack, Wall and Ceiling**

Hook Scraper Co., 96-85 219th, Queens Village, Long Island, N. Y.  
Stencil Specialty Co., Inc., 24 Eastern Parkway, Jersey City, N. J.

**SCRAPERS, Crumb**—See Trays, Crumb**SCRAPERS, Deck and Tree**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
Drew (C.) & Co., Kingston, Mass.  
Laughlin (Thos.) Co., Portland, Me.  
Leetonia Tool Co., Leetonia, O.  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
Union Fork & Hoe Co., Columbus, O. "Union"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
Warwood Tool Co., Wheeling, W. Va.  
White (L. & I. J.) Co., Div. Simonds-Worden-White Co., Dayton, O.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**SCRAPERS, Drag**

American Steel Scraper Co., Sidney, O. "Banner," "Conqueror," "Imperial," "Improved Champion," "Sioux," "Victor"  
Asheboro Wheelbarrow Co., Asheboro, N. C.  
Beach Mfg. Co., Charlotte, Mich. "Beach"  
Case Crane & Kilbourne Jacobs Co., Columbus, O.  
"Boss," "Columbus," "Cub"  
Caterpillar Tractor Co., Peoria, Ill.  
Chattanooga Wheelbarrow Co., Chattanooga, Tenn. "Chattanooga"  
Donaldson Bros., Mt. Clemens, Mich.  
Fairbanks Co., 393 Lafayette, New York, N. Y.  
Jackson Mfg. Co., Harrisburg, Pa.  
Lansing Co., Lansing, Mich. "Ingham," "King," "Michigan"  
Sidney Steel Scraper Co., Sidney, O. "Haslup"  
Slusser-McLean Scraper Co., Sidney, O.  
Stockland Road Machy. Co., Minneapolis, Minn. "Northwest"  
Syracuse Chilled Plow Co., Syracuse, N. Y.  
Toledo Wheelbarrow Co., Toledo, O.  
Western Wheeled Scraper Co., Aurora, Ill. "Illinois"

**SCRAPERS, Floor**

(See also Sanders and Surfacers, Floor, Electric)  
Atkins (E. C.) & Co., Indianapolis, Ind. "Perfection"  
"Rams Horn"  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"  
Clarke Sanding Machine Co., Dept. HA-836, Muskegon, Mich. "Dreadnaught"  
Crescent Scoop Mfg. Co., Phila., Pa.

Cyclone Mfg. Co., Urbana, Ind. "Handy-Andy"  
Dikeman Mfg. Co., Norwalk, Conn.  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Ely Mfg. Co., Girard, Pa.  
Greenview Mfg. Co., 2557 Greenview Av., Chicago, Ill. "Arrow"  
Hancock Tool Mfg. Co., Hancock & Oxford, Phila., Pa.  
Holt Hardwood Flooring & Mfg. Co., 606 Bergen, Newark, N. J.  
Hook Scraper Co., Queens Village, Long Island, N. Y.  
Lincoln-Schluter Floor Machinery Co., Inc., 212 W. Grand Av., Chicago, Ill. "Speed-O-Lite"  
Millers Falls Co., Greenfield, Mass.  
Nicholls Mfg. Co., Ottumwa, Ia.  
Osborn Mfg. Co., 5401 Hamilton, Cleveland, O. "Osborn" (Rubber)  
Oxford Tool Co., 1633 N. Second, Phila., Pa.  
Penn Tool Co., 713 N. Broad, Phila., Pa.  
Plomb Tool Co., Los Angeles, Cal. "Common Sense"  
Smith (Landon P.), Inc., 130 Coit, Irvington, N. J. "Red Devil"  
Stanley Tools Div., of Stanley Works, New Britain, Conn.  
Starrett (L. S.) Co., Athol, Mass.  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
Warner Mfg. Co., 801 16th Av., S. E., Minneapolis, Minn.  
Zip-All Products Co., 14 Warren, New York, N. Y. "Zip-All"

**SCRAPERS, Flue**

Gem Mfg. Co., Pittsburgh, Pa.  
Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Osborn"  
Pitney Packing & Flue Brush Mfg. Co., St. Louis, Mo.  
Worcester Brush & Scraper Co., Worcester, Mass. "Crisa-Cross," "Ingalls"

**SCRAPERS, Foot**

Grey Iron Casting Co., Mt. Joy, Pa.  
Lawrence Bros., Sterling, Ill.  
Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Mfg. Co., Sterling, Ill. "Self-Cleaner," "Upright"  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Sargent & Co., New Haven, Conn.  
Sterling Foundry Co., Sterling, Ill.  
Wrightsville Hdw. Co., Wrightsville, Pa.

**SCRAPERS, Foot, Automobile**

Illinois Brass Mfg. Co., Chicago, Ill.  
Peck, Stow & Wilcox, Southington, Conn. "Pento"  
Ritch & Pidge Mfg. Co., Fultonville, N. Y. "Peerless"  
Sterling Foundry Co., Sterling, Ill.

**SCRAPERS, Fresno**

American Steel Scraper Co., Sidney, O.

**SCRAPERS, Hog**

C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Chatillon (John) & Sons, 55 Cliff, New York, N. Y.  
Rollman Mfg. Co., Lancaster, Pa.  
Troy File Wks., Troy, N. Y. "Troy-Best"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
White (L. & I. J.) Co., Div. of the Simonds-Worden-White Co., Dayton, O.

**SCRAPERS, Ice**—See Scrapers, Sidewalk**SCRAPERS, Kettle**—See Scrapers, Pot and Kettle**SCRAPERS, Paint**

Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
Chelsea Metal Stamping Co., 95 8th Av., New York, N. Y. "Chelsea"  
Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
Dormeyer (A. F.) Mfg. Co., 4816 N. Kilpatrick Av., Chicago, Ill. "Handy," "Marvel," "Wizard-on-Glass"  
Eclipse Metal Mfg. Co., Eden, N. Y. "Emmco"  
Goodell Co., Antrim, N. H.  
Greenview Mfg. Co., 2557 Greenview Av., Chicago, Ill. "Arrow"  
Hancock Tool Mfg. Co., Hancock & Oxford, Phila., Pa.  
Handy Things Mfg. Co., Ludington, Mich.  
Hook Scraper Co., Queens Village, Long Island, N. Y.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
Millers Falls, Greenfield, Mass.  
Murphy's (Robert) Sons Co., Ayer, Mass. "Temperite"  
Ontario Knife Co., Franklinville, N. Y. "Tru-Edge"  
Parker Wire Goods Co., Worcester, Mass.  
Pederson (J.) Mfg. Co., Bridgeport, Conn.  
Penn Tool Co., 713 N. Broad, Phila., Pa.  
Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Seed Filter & Mfg. Co., Inc., 343 B'way, New York, N. Y. "Seeco"

S  
T  
A  
R  
R  
E  
T  
T

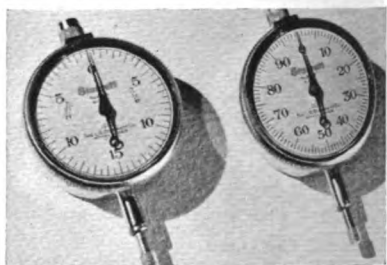
# PRECISION TOOLS

Today as always, STARRETT is the big name in the field of precision measuring tools. Dealers who stock and feature Starrett Micrometers, Verniers, Calipers, Gages, Protractors, Squares, etc., attract the patronage of both shop buyers and individual mechanics and machinists. The complete line of more than 3000 fine tools is shown in Starrett Catalog No. 26-A. Look it over for profitable, fast-selling items now in demand and be sure all your good customers have copies.



# DIAL INDICATORS

The complete line of STARRETT and LAST WORD Indicators includes models, sizes and dial calibrations for every possible requirement. Jeweled movements, cut and finished gears and pinions and stainless steel parts make STARRETT Indicators particularly sensitive, accurate and durable. For complete information, see Starrett Dial Indicator Catalog A (Second Edition).



# HACKSAWS

Win more steady hacksaw blade customers by supplying the correct STARRETT Hacksaw Blade for every metal cutting job. The complete line includes Tungsten Alloy, High Speed Steel and Molybdenum blades in all standard power machine and hand frame sizes as well as a complete assortment of Hand Hacksaw Frames. Recommend the correct Starrett Blade for faster cutting at lower cost. See Starrett Catalog No. 26-A for complete information.



# STEEL TAPES and RULES

Starrett Tapes for every purpose are made in lengths from 3 to 100 feet in a wide choice of graduations. Clear, bright figures on a black ground make them easy-reading, low variation at wide temperature changes makes them extremely accurate. Starrett Rules are regarded as standard for accuracy and are made to suit every use or preference. Starrett Catalog No. 26-A describes both Starrett Tapes and Starrett Rules.



ALL LEADING HARDWARE AND MILL SUPPLY DEALERS STOCK

## STARRETT TOOLS

MANUFACTURED BY THE L. S. STARRETT CO., ATHOL, MASSACHUSETTS, U.S.A.

*World's Greatest Toolmakers—Manufacturers of Hacksaws Unexcelled—Steel Tapes Standard for Accuracy  
Dial Indicators for Every Requirement*

**SCRAPERS, Paint (Continued)**

Smith (Landon P.) Inc., 180 Colt, Irvington, N. J.  
 "Red Devil"  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Unitool"  
 Voss Co., Inc., New Haven, Conn.  
 Warner Mfg. Co., 800 16th Av., S.E., Minneapolis, Minn.  
 Zip-All Products Co., 14 Warren, New York, N. Y.  
 "Zip-All"

**SCRAPERS, Plate**

A & J Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Auburn Rubber Corp., Auburn, Ind. "Universal"  
 Coughlan (S. N.) Co., 423 Alden, Orange, N. J.  
 "Easy-Aid"  
 Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Penn Rubber Products, 150 N. Mentor Av., Pasadena, Cal. "Ery-Kleener"  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 Sun Rubber Co., Barborton, O.  
 Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa. "Kitchen Aid"  
 Wallace Bros., Wallingford, Conn. "W.B.W."  
 Washburn Co., Worcester, Mass.  
 Wooster Rubber Co., Wooster, O. "Rubbermaid"

**SCRAPERS, Plumbers'**

(See also Scrapers, Box)

Atkins (E. G.) & Co., Indianapolis, Ind.  
 Atlas-Ansonia Co., New Haven, Conn. "Sanford"  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
 Carver Tool Wks., Spring Valley, N. Y.  
 Drew (C.) & Co., Kingston, Mass.  
 Hancock Tool Mfg. Co., Hancock & Oxford, Phila., Pa.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 Penn Tool Co., 713 N. Broad, Phila., Pa.  
 Sayre (L. A.) Co., 323 Mulberry, Newark, N. J.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**SCRAPERS, Pot and Kettle**

A & J Kitchen Tool Co., 1949 W. Cicero Av., Chicago, Ill.  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Dormeyer (A. F.) Mfg. Co., 4316 N. Kilpatrick Av., Chicago, Ill. "Wizard"  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter," "Russell"  
 Snyder (Wm. J.) Co., Cleveland, O.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa. "Kitchen Aid"  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Gem"  
 Washburn Company, Worcester, Mass.  
 Wooster Rubber Co., Wooster, O. "Rubbermaid"

SCRAPERS, Road—See Scrapers, Fresno

**SCRAPERS, Sidewalk**

(See also Cleaners, Sidewalk)

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kohler," "Little Giant"  
 Columbian Cutlery Co., Reading, Pa.  
 Geyer Mfg. Co., Rock Falls, Ill.  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Hamlin Metal Products Co., 58 W. Exchange, Akron, O. "Husky Helper"  
 Imperial Belt Snap Co., Racine, Wis.  
 Pirich (Geo.) Garden Tool Co., 423 University Av., N. E. Minneapolis, Minn.  
 S-B Mfg. Co., Milwaukee, Wis. "Walk Wizard"  
 Seymour Mfg. Co., Inc., Seymour, Ind.  
 Starling, Inc., Harvard, Ill. "Starline"  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Union Fork & Hoe Co., Columbus, O. "Red Hawk," "Union"

SCRAPERS, Tree—See Scrapers, Deck and Tree

**SCRAPERS, Wall**

Atkins (E. G.) & Co., Indianapolis, Ind.  
 Atlas-Ansonia Co., New Haven, Conn. "Sanford"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Central Hdw. Co., Phila., Pa.  
 Chatham (John) & Sons, 85 Cliff, New York, N. Y.  
 "Foster Bros."  
 Cronstedt Mfg. Co., Phila., Pa.  
 Decker (E. P.) Saw Wks., Albany, N. Y.  
 Diamond (Harry) & Sons, Inc. (Tacony), Phila., Pa.  
 Dormeyer (A. F.) Mfg. Co., 4316 N. Kilpatrick Av., Chicago, Ill. "Wizard"  
 Evans Mfg. Co., Reading, Pa.  
 Goodrich, Antrim, N. H.  
 Handy Mfg. Co., Ludington, Mich.  
 Hyde Mfg. Co., Southbridge, Mass.  
 Lander, Fry & Clark, New Britain, Conn. "Uni-  
 versal"

Murphy's (Robert) Sons Co., Ayer, Mass. "Tem-  
 perite"  
 Ohlen-Bishop Co., Columbus, O.  
 Ontario Knife Co., Franklinville, O. "Tru-Edge"  
 Parker Wire Goods Co., Worcester, Mass.  
 Penn Tool Co., 713 N. Broad, Phila., Pa.  
 Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
 Plymouth Stamped Metal Co., Gallon, O.  
 Russell Harrington Cutlery Co., Southbridge, Mass.  
 "Dexter," "Russell"  
 Smith (Landon P.), Inc., 180 Colt, Irvington, N. J.  
 "Red Devil"

Southington Hdw. Co., Southington, Conn.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 York, N. Y. "Unitool"  
 United Wire Goods Mfg. Co., Inc., 1150 B'way, New Village Blacksmith Folks, Watertown, Wis.  
 Warner Mfg. Co., 801 16th Av., S.E., Minneapolis, Minn.

Washburn Company, Worcester, Mass.

SCRAPING KNIVES—See Knives, Scraping

SCRATCH AWLS—See Awls, Scratch

SCRATCH and MAR REMOVERS—See Removers, Mar and Scratch

SCREEN CLOTH—See Cloth, Wire, Aluminum, Black, Brass, Bronze, Copper, Galvanized, Etc.

SCREEN CORNER BRACES—See Braces, Door, Screen

SCREEN DOOR BRACES—See Braces, Door, Screen

SCREEN DOOR CATCHES—See Catches, Cupboard, Door, Screen Door, Etc.

SCREEN DOOR CHECKS—See Checks, Door, Screen; also Closers, Door Screen

SCREEN DOOR CLOSERS—See Closers, Door, Screen

SCREEN DOOR GRILLES—See Grilles, Screen Door

SCREEN DOOR HARDWARE

Barrows Lock Works of Yale &amp; Towne Mfg. Co., North Chicago, Ill.

Bommer Spring Hinge Co., 263 Classon Av., B'klyn, N. Y.

Budd (Edward G.) Mfg. Co., 25th &amp; Hunting Park Av., Phila., Pa.

Champion Hdw. Co., Geneva, O.

Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill.

Corbin, P. &amp; F., New Britain, Conn.

Dennis (W. J.) &amp; Co., 2110 W. Lake, Chicago, Ill.

Fifwale Equipment Mfg. Co., 64 Read, New York, N. Y.

Frantz Mfg. Co., Sterling, Ill.

Griffin Mfg. Co., Erie, Pa.

Hager (C.) &amp; Sons Hinge Mfg. Co., St. Louis, Mo.

Holden (A. S.), Inc., Cleveland, O.

Lawrence Bros., Sterling, Ill.

McKinney Mfg. Co., Pittsburgh, Pa.

National Brass Co., Grand Rapids, Mich. "Dexter"

National Mfg. Co., Sterling, Ill.

New Britain Tool &amp; Mfg. Co., Inc., New Britain, Conn.

Norwalk Lock Co., 261 B'way, New York, N. Y.

Penn Hdw. Co., Reading, Pa.

Reading Hdw. Corp., Reading, Pa.

Russell &amp; Erwin Mfg. Co., New Britain, Conn.

Safe Padlock &amp; Hardware Co., Lancaster, Pa.

Sager Lock Works of Yale &amp; Towne Mfg. Co., North Chicago, Ill.

Sargent &amp; Co., New Haven, Conn.

Schlage Lock Co., 20 Bay Shore Blvd., San Francisco, Cal.

Sharon Hdw. Mfg. Co., Sharon, Pa.

Shelby Spring Hinge Co., Shelby, O.

Stanley Wks., New Britain, Conn.

Wagner Mfg. Co., Cedar Falls, Ia.

Yale &amp; Towne Mfg. Co., Stamford, Conn.

SCREEN DOOR HINGES—See Hinges, Door, Screen

SCREEN DOOR LATCHES—See Latches, Door, Screen

SCREEN DOOR PULLS—See Pulls, Door, Screen

SCREEN DOOR SETS—See Sets, Door, Screen

SCREEN DOOR SPRINGS—See Springs, Door, Screen

SCREEN DOORS—See Doors, Screen

SCREEN DUSTER—See Painter and Duster, Screen

SCREEN ENAMELS—See Enamels, Screen

SCREEN FRAME CORNERS—See Corners, Screen Frame

SCREEN HOLDERS—See Holders, Screen

SCREEN NAILS—See Nails, Screen or Numeral

SCREEN NUMERAL TACKS—See Tacks, Screen, Numeral

SCREEN PAINTER—See Painter and Duster, Screen

SCREEN PAINTS—See Paints, Screen

SCREEN SPRINGS—See Springs, Screen

SCREEN WIRE STRETCHERS—See Stretchers, Screen Wire

**SCREENS, Coal, Sand, Etc.**

Buffalo Wire Wks. Co., Buffalo, N. Y.  
 Jelliff (Geo. H.) & Son, New Canaan, Conn.  
 Lansing Co., Lansing, Mich.  
 Michigan Wire Cloth Co., 2013 Howard, Detroit, Mich. (Manganese Steel)  
 Roebing's (John A.) Sons Co., Trenton, N. J. "Jersey"  
 Smith (F. P.) Wire & Iron Works, Chicago, Ill.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Wright (G. F.) Steel & Wire Co., Worcester, Mass. "Superior"  
 SCREENS, Door—See Screens, Window and Door

**SCREENS, Fireplace**

(See also Guards, Spark)

American Windshield & Specialty Co., 442 Boston Post Rd., Milford, Conn. "Puritan"  
 Buffalo Wire Wks. Co., Buffalo, N. Y.  
 Centre Brass Works, Inc., 72 Spring, New York, N. Y.  
 Chamberlin Metal Weather Strip Co., Inc., 1254 La Brosse, Dept. HA, Detroit, Mich. "Nu-Stile"  
 Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.  
 Colonial Brass Co., Middleboro, Mass.  
 Colonial Fireplace Co., Chicago, Ill.  
 Cutter Mfg. Co., 12 Ames, Cambridge, Mass.  
 Howes (S. M.) Co., Boston, Mass.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
 Nelson (L. R.) Mfg. Co., Peoria, Ill.  
 Ohio Foundry & Mfg. Co., Steubenville, O.  
 Peerless Mfg. Corp., Louisville, Ky.  
 Sheffield Mfg. Co., 119 W. 25th, New York, N. Y.  
 Smith (John P.) Co., New Haven, Conn.  
 Sweet (A. L.) Iron Wks., Medina, N. Y.  
 Wayne Agricultural Works, Inc., Goldsboro, N. C.  
 Weber (M.) Co., Dayton, O.

**SCREENS, Fireplace, Curtain**

Adams Co., Dubuque, Ia.  
 Bennett Fireplace Corp., Norwich, N. Y. "Bennett Flexscreen"  
 Whiting & Davis Co., 23 W. Bacon, Plainville, Mass.

SCREENS, Gravel—See Screens, Coal, Sand, Etc.

SCREENS, Roller, Window—See Screens, Window, Roller

SCREENS, Sand—See Screens, Coal, Sand, Etc.

**SCREENS, Window**

American Sash & Door Co., Kansas City, Mo.  
 Bostwick-Goodell, Norwalk, O. "B-G"  
 Burlington Venetian Blind Co., Burlington, Vt.  
 Burrows Corp., Portland, Me.  
 Carr, Ryder & Adams Co., Dubuque, Ia.  
 Chamberlin Metal Weather Strip Co., Inc., 1254 La Brosse, Dept. HA, Detroit, Mich. "Chamberlin"  
 Cincinnati Fly Screen Co., Gest & Evans, Cincinnati, O. "Zip-In"  
 Continental Screen Co., Detroit, Mich. "Owosso," "Philadelphia," "Porter," "Wabash"  
 Corry Metal Corp., 650 W. Main, Corry, Pa.  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. (Knocked Down)  
 Everhard Mfg. Co., Canton, O. "Diamond E"  
 Farley & Loetscher Mfg. Co., Dubuque, Ia.  
 Fish (A. E.) & Co., Kansas, N. H.  
 Freeman (Chas. A.) Mfg. Co., Boston, Mass.  
 Higgin Mfg. Co., Newport, Ky.  
 Hilldale Screen Co., Hilldale, Mich.  
 Ingersoll Steel & Disc. Div. Borg-Warner Corp., 310 S. Michigan Av., Chicago, Ill. "Koolshade"  
 Johnson Metal Products Co., Erie, Pa.  
 Kane Mfg. Co., Kane, Pa.  
 Marvin (W. B.) Mfg. Co., Urbana, O. "Premier"  
 Morgan Co., Oshkosh, Wis.  
 National Screen Co., Inc., Suffolk, Va. "Kwik-Lok"  
 Orange Screen Co., 615 Valley, Maplewood, N. J.  
 Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.  
 Prentice (F. W.) Co., Adrian, Mich.  
 Schumacher (F. E.) Co., Hartsville, O. "Reddy-Loc"  
 Watson Mfg. Co., Jamestown, N. Y.

**SCREENS, Window, Electric**

Chicago Electric Scientific Co., 2800 Warren Blvd., Chicago, Ill. "Cesco"  
 Coburn Mfg. Co., Whitewater, Wis.  
 Electrite Fence Co., 177 Knilians Bldg., Whitewater, Wis. "Electrite"  
 Electro-Static Mfg. Co., Niles, Mich.  
 Folmer Electric Co., 135 Mill, Rochester, N. Y. "Electracide"  
 Harvard Electric Co., 2608 W. Flournoy, Chicago, Ill.  
 Lyon Electric Co., San Diego, Cal.  
 National Electric Screen Co., 29 N. Peoria, Chicago, Ill. "Durobar"

**SCREENS, Window, Metal Frame**

Atkinson Mfg. Co., Ludington, Mich. "Avondale"  
 Burrows Corp., Portland, Me.  
 Chamberlin Metal Weather Strip Co., Inc., 1254 La Brosse, Dept. HA, Detroit, Mich. "Chamberlin"  
 Cincinnati Fly Screen Co., Gest & Evans, Cincinnati, O. "Fil-Bac"  
 Higgin Mfg. Co., Newport, Ky.  
 Johnson Metal Products Co., Erie, Pa.  
 Kane Mfg. Co., Kane, Pa.  
 Norquist Products, Inc., Jamestown, N. Y.  
 Orange Screen Co., Maplewood, N. J.  
 Steel Storm Screens, Inc., 3494 Lee Rd., Cleveland, O.  
 Watson Mfg. Co., Jamestown, N. Y.

**SCREENS, Window, Roller**

Burrows Corp., Portland, Me.  
 Chamberlin Metal Weather Strip Co., Inc., 1254 La Brosse, Dept. HA, Detroit, Mich. "Nu-Roll"  
 Cincinnati Fly Screen Co., Gest & Evans, Cincinnati, O. "Fil-Bac"  
 Higgin Mfg. Co., Newport, Ky.  
 In-Vis-O Disappearing Roller Screen Co., 1252 W. Temple, Los Angeles, Cal.  
 Norquist Products, Inc., Jamestown, N. Y.  
 Rolling Screens, Inc., Jay and Nassau, B'klyn, N. Y. "MacCormack"



# "CELLOPHANE" MARKING PENCIL



For marking all kinds of "Cellophane" wrapped merchandise. Eliminates the use of labels that hide the product.

Made in the following colors:

- No. 964-T White
- No. 965-T Dark Red
- No. 968-T Blue
- No. 969-T Red
- No. 970-T Yellow
- No. 971-T Green
- No. 973-T Black

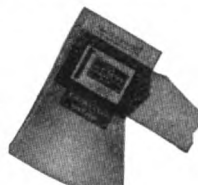
**Blaisdell**  
**PENCIL CO.**  
PHILADELPHIA, U. S. A.

"THE STRING'S THE THING"

## THEIR QUALITY *Builds* SALES FOR YOU



MICHIGAN  
PATTERN AXE  
Weights 3-5 lbs.



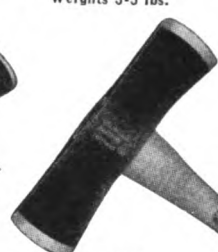
BALTIMORE JERSEY  
Weights 3-5 lbs.



BALTIMORE KENTUCKY  
Weights 3-5 lbs.



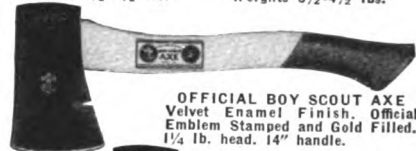
CALIFORNIA  
Weights 3½-4½ lbs.



FALLING  
Weights 3½-4½ lbs.



SOUTHERN  
KENTUCKY  
Weights 3-6 lbs.



OFFICIAL BOY SCOUT AXE  
Velvet Enamel Finish. Official  
Emblem Stamped and Gold Filled.  
1¼ lb. head, 14" handle.



COLLINS CAMP AXE  
Velvet Enamel Finish. Slot in  
Blade, 1¼ lb. head, 14" handle.



HOES  
Seavill Pattern. Solid  
Steel, with one-piece  
ribbed blade painted  
black, with one-third of  
blade polished. Cuts 6½"-  
8½". Weights 1¼ lbs.-  
2¼ lbs.



CARPENTER'S EXPERT  
Velvet Black, Deep Stamped, Gold  
Filled. No. 2. 14" handle. 3½"  
cut.



SHINGLING  
Velvet Black, Deep Stamped, Gold  
Filled. No. 1. Cut 3½", 13" han-  
dle. No. 2. Cut 4", 14" handle.



PICKS  
Clay or Railroad Pick. One Chisel End. Finish Natural or  
Painted and Polished. Weights 5-9 lbs. Lengths 21-27".

Collins line is  
complete. Every  
style, weight and  
finish. Send for Cat-  
alog. The Collins  
Company, Collins-  
ville, Conn.



No. 358 Short Cutter Mat-  
tock. No. 359 Long Cutter  
Mattock. Finish Natural or Painted and Polished.  
No. 358—cut 4" & 4½". Length 16". Weight 5 lbs.  
and 6 lbs. No. 359—cut 4" and 4½". Length 18". Weight  
5 lbs. and 6 lbs.

# COLLINS

AXES and HATCHETS

**SCREENS, Window, Roller (Continued)**

Robscreen Co., Pella, Ia.  
Universal Roller Screen Co., 3423 Armitage Av., Chicago, Ill.  
Watson Mfg. Co., Jamestown, N. Y.

**SCREW ANCHORS**—See Anchors, Screw

**SCREW BITS**—See Bits, Screw

**SCREW CABINETS**—See Cases, Bolt and Screw

**SCREW CAPERS**—See Capers, Screw

**SCREW CAPS**—See Caps, Bolt, Nut and Screw

**SCREW CASES**—See Cases, Bolt and Screw

**SCREW CLAMP**—See Clamps, Screw

**SCREW CUTTING TAP AND DIE HOLDERS**—See Holders, Tap and Die

**SCREW DRIVER AND HAMMER COMBINATION**—See Tools, Combination

**SCREW DRIVER BITS**—See Bits, Screw Driver

**SCREW DRIVER COMBINATION**—See Tools, Combination

**SCREW DRIVERS**

Acme Tool Wks., Glen Rock, Pa. "Acme"  
Albert Tool Co., Mercer, Pa.  
American Saw & Mfg. Co., Springfield, Mass.  
"Lenox"  
American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
Bailey Mfg. Co., Berlin, Conn.  
Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y. "Phillips"  
Bates (C. J.) & Son, Chester, Conn.  
Killings & Spencer Co., Hartford, Conn. "B. & S."  
Bonney Forge & Tool Works, Allentown, Pa. "Phillips"  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Baby Non-Skid," "Baby Shockless," "Dwarf," "Hercules," "Hickory Special," "Hippo," "Little Wonder," "Matchless," "Navy," "Non-Skid," "Phillips," "Reliance," "Rhino," "Silver Tip," "Standard," "Tiger," "Trojan," "Yellow Crown"

Chicago Tool & Kit Mfg. Co., Chicago, Ill. "C.T.K."  
Clement Mfg. Co., Northampton, Mass. "Vulcan"  
Cook (A. C.) Co., Ansonia, Conn. "Powerful Pete"  
Cornwell Quality Tools Co., Mogadore, O. "Cornwell," "Phillips"  
Crescent Tool Co., Jamestown, N. Y. "Crescent," "Ham-Handl," "Red Devil"

Damasco Steel Products Corp., Rockford, Ill. "Dasco"  
Dikeman Mfg. Co., Norwalk, Conn. "Emergency"  
Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill. "Duro-lite," "Phillips"  
Ennis Mfg. Co., Reading, Pa.  
Enterprise Mfg. Co., Dept HA, Akron, O. "Little Giant"

Forsberg Mfg. Co., Bridgeport, Conn. "Atlas," "Mars," "Thor," "Whale," "Phillips," "Viking"

Fuller Bros., Ltd., 133 W. 25th, New York, N. Y.  
Gibson Good Tools, Inc., Orange, Mass. "Handy Andy"

Grant Mfg. Co., Rockport, Mass. "Grantool"

Great Neck Saw Mfrs., Inc., Great Neck, L. I.  
"Amberloid," "Great Neck," "Phillips"

Harold (H. J.) Tool Co., Columbiana, O.  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.

Herbrand Co., Fremont, O. "Phillips"

Hinsdale Mfg. Co., 249 N. Wolcott, Chicago, Ill. "Phillips"

Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"

Irwin Auger Bit Co., Wilmington, O. "Blackwin," "Buckeye," "Forgwin," "Irwin," "Jetwin," "Tipwin," "Irwinoid"

Johnson (William), Inc., 36 Brenner, Newark, N. J.  
Kendrick-Davis Co., Lebanon, N. H. "K-D"

Kent Mfg. Co., Winchendon, Mass.  
Marcy Tool Works, Putnam, Conn.

Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
"Amberluf"

Miller, Leon B., 2116 Av. U, Bklyn, N. Y. "Flexible"

Millers Falls Co., Greenfield, Mass. "Phillips"

Mound Tool Co., St. Louis, Mo.  
North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"

Osborne (C. S.) & Son, Harrison, N. J.  
Owatonna Tool Co., Owatonna, Minn. "Phillips"

P & C Hand Forged Tool Co., Portland, Ore. "Phillips"

Paine, Benjamin O., Millbury, Mass.  
Park Metalware Co., Inc., Orchard Park, N. Y. "Phillips," "Xcelite"

Parker Wire Goods Co., Worcester, Mass. "Falcon"

Peck, Stow & Wilcox Co., Southington, Conn. "Pexto," "Solbar"

Penn Tool Co., 713 N. Broad, Phila., Pa.  
Peters Mfg. Co., 3663 W. 155th, Cleveland, O. "Fitzem-All"

Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Plomb Tool Co., Los Angeles, Cal. "Phillips"

Quality Tools Corp., New Wilmington, Pa. "Old-Forge," "Phillips"

Raney Mfg. Co., Titusville, Pa.  
Ritter-Carlton Co., 373 4th Av., New York, N. Y. "Integrity," "Phillips," "Ritter"

Ryan (James J.) Tool Wks., Southington, Conn.  
Sargent & Co., New Haven, Conn.

Stanley Tools Div. of Stanley Works, New Britain, Conn. "Defiance," "Hercules," "Hurwood," "100 Plus," "Phillips," "Stanloid," "Victor"

Starrett (L. S.) Co., Athol, Mass.

Swan (James) Co., Seymour, Conn.

Sween (Riley) Co., Toledo, O. "Little Wizard"

Tiffany (Carroll R.), Conklin, N. Y. "Ace"

Tobrin Tool Co., Plantsville, Conn.  
Trimble & Fink Mfg. Co., Inc., Baltimore, Md. "Grip-Scru-Driver"  
Trimont Mfg. Co. (Roxbury), Boston, Mass. "Trimo"  
Tuck Mfg. Co., Brockton, Mass. "Baby Hercules," "Giant," "Hercules," "Jumbo," "Midget," "Nobby," "Piano," "Radio"

Union Hdw. Co., Torrington, Conn. "Champion," "Valley Peet"

United States Tool Corp., Louisiana, Mo.  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Suction Grip," "Unitool"

Utility Hardware Corp., 315 Berry, B'klyn, N. Y. "Utility"

Vaco Products Co., 1603 S. Michigan Av., Chicago, Ill. "Amberly Lifetime," "Phillips," "Vacolite"

Village Blacksmith Folks, Watertown, Wis.  
Vichek Tool Co., 8006 E. 87th Cleveland, O. "Buckeye," "Capitol," "Euclid," "Gladiator"

Washburn Co., Worcester, Mass.  
Wildner Drop Forge Tool Co., Kansas City, Mo. "Phillips"

Wright Tool & Forge Co., Barberton, O. "Phillips"

**SCREW DRIVERS, Electric**

Independent Pneumatic Tool Co., Chicago, Ill.  
Millers Falls Co., Greenfield, Mass.  
Milwaukee Electric Tool Corp., Milwaukee, Wis.  
Schauer Machine Co., Cincinnati, O.  
Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"

Stanley Electric Tool Div., New Britain, Conn.  
United American Bosch Corp., Springfield, Mass.  
United States Electrical Tool Co., Cincinnati, O.  
Van Dorn Electric Tool Co., Towson, Md.

**SCREW DRIVERS, Electricians**—See Screw Drivers, Insulated; also Screw Drivers, Ratchet

**SCREW DRIVERS, Flashlight**

Stanley Tools Div. of Stanley Works, New Britain, Conn. "Flashlite"

**SCREW DRIVERS, Folding**

Crescent Tool Co., Jamestown, N. Y.

**SCREW DRIVERS, Insulated**

Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Baby Shockless," "Matchless Shockproof," "Non-Skid," "Shockless"

Fleming Mfg. Co., Inc., Worcester, Mass. "Aristocrat"

Forsberg Mfg. Co., Bridgeport, Conn. "Whale"

Hinsdale Mfg. Co., 249 N. Wolcott, Chicago, Ill.  
Kent Mfg. Co., Winchendon, Mass.

Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.

North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"

P & C Hand Forged Tool Co., Portland, Ore.  
Ritter-Carlton Co., 373 4th Av., New York, N. Y. (Also 3 in 1 Insulated)

Stanley Tools Div. of Stanley Works, New Britain, Conn. "Hercules," "Stanloid," "Victor"

Starrett (L. S.) Co., Athol, Mass.

Tuck Mfg. Co., Brockton, Mass.

Utica Drop Forge & Tool Corp., Utica, N. Y.  
Vichek Tool Co., 3006 E. 87th, Cleveland, O. "Insulgrasp," "Shok-Less"

**SCREW DRIVERS, Magazine**

North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"

**SCREW DRIVERS, Ratchet**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"

Greenlee Tool Co., Rockford, Ill.  
Millers Falls Co., Greenfield, Mass.

North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Handyman," "Yankee"

Ritter-Carlton Co., 373 4th Av., New York, N. Y. (Imported)

Starrett (L. S.) Co., Athol, Mass.

Utility Hardware Corp., 315 Berry, B'klyn, N. Y. "Utility"

**SCREW DRIVERS, Ratchet, Screw Eye**

North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Yankee"

**SCREW DRIVERS, Ratchet, Screw Holder**

North Bros. Mfg. Co., N. E. Cor. American & Lehigh Av., Phila., Pa. "Yankee"

**SCREW DRIVERS, Ratchet, Spiral**

Forsberg Mfg. Co., Bridgeport, Conn. "Whale"

Greenlee Tool Co., Rockford, Ill.  
Millers Falls Co., Greenfield, Mass.

North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Handyman," "Yankee"

**SCREW DRIVERS, Screw Holding**

Millen Mfg. Co., 262 Washington, Boston, Mass. "Jiffy-Tite,"

Upson Bros., Inc., 84 Exchange, Rochester, N. Y.

Vaco Products Co., 1603 S. Michigan Av., Chicago, Ill. "Grip-Point"

**SCREW EXTRACTORS**—See Extractors, Screw

**SCREW EYE RATCHET SCREW DRIVERS**—See Screw Drivers, Ratchet

**SCREW EYES**—See Eyes, Screw

**SCREW GAGES**—See Gages, Screw

**SCREW HEAD CROWNS**—See Crowns, Screw Head

**SCREW HOLDER RATCHET SCREW DRIVERS**—See Screw Drivers, Ratchet

**SCREW HOLDING SCREW DRIVERS**—See Screw Drivers, Screw Holding

**SCREW HOLES**

(See also Anchors, Screw)

Craftplug, Inc., 330 W. 42nd, New York, N. Y. "Craftplug"

Rawplug Co., Inc., 97 Lafayette, New York, N. Y. "Rawplug"

**SCREW HOOKS**—See Hooks, Screw

**SCREW JACKS**—See Jacks, Screw

**SCREW, MACHINE ASSORTMENT**—See Assortments, Machine Screw

**SCREW MACHINE PRODUCTS**—See article desired

**SCREW NAILS**—See Nails, Screw, Drive

**SCREW PLATES**

Alvord-Polk Tool Co., Millersburg, Pa.  
Bay State Tap & Die Co., Mansfield, Mass.

Butterfield & Co. Div., Union Twist Drill Co., Derby Line, Vt. "Derby," "Reece's"

Card (S. W.) Mfg. Co. Div., Union Twist Drill Co., Mansfield, Mass. "Diamond," "Favorite," "Paragon"

Champion Blower & Forge Co., Lancaster, Pa. "Easy," "Ordnance"

Conant & Donelson Div. of Mayhew Steel Products, Inc., Conway, Mass. "Reliable"

Fleming Mfg. Co., Inc., Worcester, Mass.  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D," "Little Giant," "Little Giant Jr.," "O K Jr."

Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"

Hart Mfg. Co., Cleveland, O. "Duplex"

Keystone Reamer & Tool Co., Millersburg, Pa.  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.

Morse Twist Drill & Mach. Co., New Bedford, Mass.  
Nye Tool & Machine Works, 4120 Fullerton Av., Chicago, Ill.

Treadwell Tap & Die Co., Greenfield, Mass. "Cut-Well"

Union Twist Drill Co., Athol, Mass.  
Wells Tool Co., Greenfield, Mass.

Winter Bros. Co., Wrentham, Mass. "Thistle"

**SCREW PLUGS, Wall**—See Anchors, Screw

**SCREW PULLEYS**—See Pulleys, Screw

**SCREW SLOTTING SAWS**—See Saws, Screw Slotting

**SCREW WRENCHES**—See Wrenches, Adjustable

**SCREWS, Bench**

Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

Rock Island Mfg. Co., Rock Island, Ill.  
Sargent & Co., New Haven, Conn.

Southern Skein & Fdry. Co., Chattanooga, Tenn.

**SCREWS, Brass and Bronze**

American Screw Co., Providence, R. I. "Phillips"

Atlantic Screw Works, Inc., Hartford, Conn. "Atlantic"

Atlas Bolt & Screw Co., Cleveland, O.  
Blake & Johnson Co., Waterbury, Conn.

Bridgeport Brass Co., Bridgeport, Conn.  
Bull Dog Electric Products Co., Detroit, Mich.

Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Chase Brass & Copper Co., 80 Lafayette, New York, N. Y.

Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Columbus Brass Co., Columbus, O.

Continental Screw Co., New Bedford, Mass. "Holtite"

Corbin Screw Corp., New Britain, Conn.  
Curtis Screw Co., Inc., 17 Gull, Buffalo, N. Y.

Eagle Lock Co., Terryville, Conn.  
Elco Tool & Screw Corp., Rockford, Ill.

Harper (H. M.) Co., Chicago, Ill.  
Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.

Hassal (John), Inc., 402 Oakland, Bklyn, N. Y.  
Hubbell, Harvey, Bridgeport, Conn.

National Acme Co., Cleveland, O.  
National Lock Co., Rockford, Ill.

New England Screw Co., 44 Farnsworth, Boston, Mass.

Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.

Reed & Prince Mfg. Co., Worcester, Mass.  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.

St. Louis Screw Co., 620 E. Clarence Av., St. Louis, Mo.

Southington Hdw. Co., Southington, Conn.

**SCREWS, Bronze**—See Screws, Brass and Bronze

**SCREWS, Cap and Set**

Allied Products Corp. (Victor Peninsular Div.), Detroit, Mich.

Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.

Automotive Hdw., Inc., 385 Cruse, Indianapolis, Ind.

Barkeley Metal Products Co., Dayton, O.  
Chandler Products Corp., Cleveland, O.

# The Profitable TAMMS Line

## PRONTO

### Casein Paint Remover

A new type, quick acting casein paint remover. Comes in powder form. Mixes with water only. Can also be used as an effective remover of oil paints, varnish, etc. Write for popular prices.

## The Famous 10¢ Line SOAK-IT

### Wallpaper Remover

A new, improved, safe to use wallpaper remover. Comes in powder form and quickly dissolves in hot water. 1 1/4 oz. in 2 qts. of hot water is sufficient to strip wallpaper in average size small room. Will not harm painted or varnished surfaces, plaster, hands, clothing, etc. 36, 1 1/4 oz. pkgs. packed in attractive display box.

### RCB FLOOR CLEANER . . .

Removes, cleans, bleaches. Strong solution removes shellac or varnish. Weak solution makes ideal paint cleaner for woodwork, linoleum, tile, etc. A 10¢ retailer packed 24—4 oz. pkgs. in attractive display box.

### BRUSH CLEANER . . .

A thorough cleaner—removes hardened paint—makes brushes like new. Graduated strength to meet every condition. 24, fast selling 4 oz., 10¢ pkgs. in display box.

### PYRAMID CRACK FILLER . . .

Also known as water putty. A permanent filler for cracks, holes, etc., in wood, plaster, metal or stone. Hundreds of home uses—mends furniture, toys, etc. Non-inflammable, mixes with water only. A 10¢ item. Comes 12, 8 oz. pkgs. per display box.

### TAMCO Waterproof GLUE . . .

A dry powder—mixes with water only—makes an extra strong glue for wood, glass, china, metal, cloth, etc. Unlimited uses. Packed 36, 2 oz., 10¢ pkgs., per display box.

### OFF-WAX, Wax Remover . . .

Mixes with water only. Thoroughly removes wax from wood, rubber, tile, linoleum floors, putting them in perfect condition for rewaxing. Retail 10¢. Packed 24, 4 oz. pkgs. to the display box.

All 10¢ items also available in larger packages and bulk.

## Double Duty CAULKING COMPOUND

Comes in natural gray color, white, black, yellow, red and green. Available in pint, quart, gallon and 5 gallon cans as well as 30 gallon drums. Also in pint cartridges for use in caulking guns. TAMMS presents a super pressure caulking gun with a complete range of special nozzles. Write for details—prices!

## KOLOR-ROX A CEMENT FLOOR DYE

A new floor dye that uniformly penetrates into open pores of cement. The finish is waterproof and keeps cements from dusting. Unlike ordinary floor paint, KOLOR-ROX becomes an integral part of concrete—will not crack, chip, peel or wear off. Comes in 6 colors. There has been a big demand for a product like this for years! Be first to cash-in in your territory! Order NOW!

## TAMMS SELF-POLISHING WAX

For use in giving added protective coating to cement floors dyed with KOLOR-ROX described above. Comes in matching colors. Also ideal for waxing wood or linoleum floors. Get details on this money-making product.

## TAMMS TILE GROUTING

Snow-white, stainless, non-discoloring. Ideal for filling large joints on tile floors or open places between bath tub and tile wall. Can be applied immediately after tile is laid. Unaffected by moisture or water. Your customers will thank you for introducing them to this time saving grouting material. Write!

## SILATEX PLASTIC PAINT

New big demand created for plastic wall finishes. SILATEX is again the popular seller. Comes in powder—mixes with water only! Get prices and details!

TURN OLD PAINT STOCK  
INTO LIQUID ASSETS  
with  
TAMMS PAINT MIXER  
and AGITATOR



**\$17.50**  
LESS  
MOTOR

AC, 1/4 HP, 110 Volt  
MOTOR \$7.95

● Boost paint department sales! Be sure that every customer is a satisfied one! New Paint Mixer and Agitator handles all size cans, pints to gallons. GUARANTEED against defects in material and workmanship for 1 year! NO RISKS! Install one of these successful paint business builders without delay!

## FLOORSTONE

### "The Ideal Underlayment"

A revolutionary new material that makes possible installing an underlayment for floors which sets in 20 minutes, can be walked on in 1 hour, over which resilient floor covering can be laid within 24 hours. Customers like FLOORSTONE because it sets smooth as glass—can be feather-edged, and can be used for patch jobs or as complete underlayment. Stock FLOORSTONE for customer demand! Use FLOORSTONE yourself next time you put in new floor covering! Get economical prices today!

## INDEX

### Casein Flat Wall Paint

An oil-bound casein water paint that gives a washable flat wall finish. Supplied in paste or powder form. It's the modern way of interior decoration. Comes in 12 pastel shades. One coat covers—no size needed. Meets government specifications. Private label if you desire.

## TAMTEX

### Waterproof Cement Paint

Specially recommended for painting stucco, concrete, common brick and all cement surfaces including swimming pools, lawn furniture, etc. Meets government specifications. Comes in powder form. Mixes with water only. Here is a cement paint that can take it—write for literature, color card—price list!

## KALSO-LITE

### Cold Water Wall Finish

Another up-to-minute modern wall finish. Economical—easy to apply. Flows freely. leaves no brush marks. Meets government specifications. Color card and low prices on request. Private label if you desire—write today!

## TAM-COTE

### Self-Sizing Wall Finish

A superior, washable, casein bound wall finish for fresh plaster and green masonry. No size coat needed! Presents a finish that is washable. Meets government specifications. Applicable to any solid interior surface. Recommended as the most economical, self-sizing, washable wall paint! Private label if you desire!

## SUNSHINE TWINS INSO-WITE

An interior, cold water paint also known as factory or mill white. Will not rub, check or chip off. Private label if you desire. Investigate now!

## OUTSO-LITE

An exterior casein bound cold water paint, also used on interiors where there is dampness in atmosphere or on surface. Also known as stone dressing used for painting curbs. Meets government specifications. Private label if you desire! Write for prices!

WRITE FOR NEW CATALOG!

**TAMMS SILICA CO., 228 N. LaSalle St., Chicago, Illinois**

Mention Hardware Age When Writing



**SCREWS, Cap and Set (Continued)**

Chicago Screw Co., Homan Av. & Fillmore, Chicago, Ill.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Cleveland Cap Screw Co., 2924 E. 79th, Cleveland, O.  
 Continental Screw Co., New Bedford, Mass. "Holtite."  
 Corbin Screw Corp., New Britain, Conn.  
 Dardet Threadlock Corp., 55 Liberty, New York, N. Y. (Self-Locking)  
 Dorman Star Washer Co., 1004 Sycamore, Cincinnati, O.  
 Elco Tool & Screw Corp., Rockford, Ill. "Elco"  
 Federal Screw Wks., Detroit, Mich.  
 Ferry Cap & Set Screw Co., Cleveland, O.  
 Ferry (E. W.) Screw Products, Inc., 8219 Almira Av., Cleveland, O.  
 General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
 Harper (H. M.) Co., Chicago, Ill.  
 Hartford Machine Screw Co., Hartford, Conn.  
 Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
 Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland, O.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Mac-It Parts Co., Lancaster, Pa.  
 Monarch Cap Screw & Mfg. Co., 5906 Park Av., Cleveland, O. "Monarch"  
 Muncie Cap & Set Screw Co., Muncie, Ind.  
 National Acme Mfg. Co., Cleveland, O. "Nameco"  
 National Lock Co., Rockford, Ill.  
 National Screw & Mfg. Co., Cleveland, O.  
 Ottumiller (Wm. H.) Co., York, Pa.  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O.  
 Rhode Island Tool Co., Providence, R. I.  
 Rochester Mach. Screw Co., Rochester, N. Y.  
 Rockford Screw Products Co., Rockford, Ill.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 St. Louis Screw & Bolt Co., St. Louis, Mo.  
 Sandusky Nut Co., Sandusky, O.  
 Scovill Mfg. Co., Waterbury, Conn.  
 Shimer (Samuel J.) & Sons, Milton, Pa.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"  
 United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
 Wasmer Bolt & Nut Co., 13000 Athens Av., Cleveland, O.  
 Western Automatic Mach. Screw Co., Elyria, O.

**SCREWS, Cap, Socket Head**

Allen Mfg. Co., Hartford, Conn. "Allen"  
 Automotive Hdwe., Inc., 38 S. Cruse, Indianapolis, Ind.  
 Brighton Screw & Mfg. Co., 2300 Beekman, Cincinnati, O.  
 Bristol Co., Waterbury, Conn. "Bristo"  
 Chicago Screw Co., 1026 S. Homan Av., Chicago, Ill.  
 Economy Machine Products Co., 5200 Lawrence Av., Chicago, Ill.  
 Hartford Machine Screw Co., Hartford, Conn.  
 Holo-Krome Screw Corp., Hartford, Conn. "Fibro-Forged"  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Rochester Machine Screw Co., Rochester, N. Y.  
 Standard Pressed Steel Co., Jenkintown, Pa. "Unbrako"  
 Western Automatic Machine Screw Co., Elyria, O.

**SCREWS, Coach and Lag**

Atlas Bolt & Screw Co., Cleveland, O.  
 Bayonne Bolt Corp., Bayonne, N. J.  
 Berry Bros., Columbus, O.  
 Boss Bolt & Nut Co., 3404 W. 47th, Chicago, Ill.  
 Buffalo Bolt Co., No. Tonawanda, N. Y.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Clendenin Bros., Inc., Baltimore, Md.  
 Continental Screw Co., New Bedford, Mass. "Holtite"  
 Corbin Screw Corp., New Britain, Conn.  
 General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
 Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
 Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland, O.  
 National Lock Co., Rockford, Ill.  
 National Screw & Mfg. Co., Cleveland, O.  
 Oliver Iron & Steel Co., Pittsburgh, Pa.  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
 Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O. "Upson"  
 Rockford Screw Products Co., Rockford, Ill.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 St. Louis Screw & Bolt Co., St. Louis, Mo.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Triplex Screw Co., 5317 Grant Av., Cleveland, O. "Triplex"  
 Wilcox-Crittenden & Co., 77 S. Main, Middletown, Conn.

**SCREWS, Cork—See Corkscrews****SCREWS, Dowel**

Brooks (M. S.) & Sons, Chester, Conn.  
 Corbin Screw Corp., New Britain, Conn.  
 Continental Screw Co., New Bedford, Mass. "Holtite"  
 Merrill Mfg. Corp., Merrill, Wis.

**SCREWS, Drive**

American Screw Co., Providence, R. I.  
 Auto-Vehicle Parts Co., Newport, Ky.  
 Continental Screw Co., New Bedford, Mass. "Holtite"  
 Corbin Screw Corp., New Britain, Conn.  
 Hassall (John), Inc., 402 Oakland, Bklyn, N. Y.  
 Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O. "Halvix"  
 National Lock Co., Rockford, Ill.  
 National Screw & Mfg. Co., Cleveland, O.  
 Oliver Iron & Steel Co., Pittsburgh, Pa.  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Southington Hdw. Co., Southington, Conn.

**SCREWS, Grooved**

Groov-Pin Corp., 411 Kerrigan Av., Union City, N. J. "Groov-Screw"

**SCREWS, Hand**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Jorgensen" (Steel Spindle)  
 Black Bros. Co., Inc., Mendota, Ill.  
 Christiansen, C., 2814 W. 26th, Chicago, Ill.  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 Handy Mfg. Co., Chicago, Ill.  
 Narragansett Mach. Co., Providence, R. I.

**SCREWS, Hand Rail**

Brooks (M. S.) & Sons, Chester, Conn.  
 Continental Screw Co., New Bedford, Mass. "Holtite"  
 Corbin Screw Corp., New Britain, Conn.  
 Judd (H. L.) Co., Wallingford, Conn.  
 Parker Metal Goods Co., Worcester, Mass.  
 Sargent & Co., New Haven, Conn.

**SCREWS, Hook and Eye**

Bethlehem Steel Co., South Bethlehem, Pa.  
 Brooks (M. S.) & Sons, Chester, Conn.  
 Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.

**SCREWS, Knob**

American Screw Co., Providence, R. I.  
 Barrows' Lock Wks. of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Continental Screw Co., New Bedford, Mass. "Holtite"  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
 Sager Lock Wks. of Yale & Towne Mfg. Co., No. Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**SCREWS, Lag—See Screws, Coach and Lag****SCREWS, Machine**

American Screw Co., Providence, R. I. "Phillips" (Slotted & Recessed Head)  
 Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
 Automotive Hdwe., Inc., 38 S. Cruse, Indianapolis, Ind.  
 Blake & Johnson Co., Waterbury, Conn.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Continental Screw Co., New Bedford, Mass. "Holtite."  
 Corbin Screw Corp., New Britain, Conn. "Phillips" (Slotted & Recessed Head)  
 Dorman Star Washer Co., 1004 Sycamore, Cincinnati, O.  
 Eagle Lock Co., Terryville, Conn.  
 Economy Screw Corp., Chicago, Ill.  
 Elco Tool & Screw Corp., Rockford, Ill. "Elco"  
 Ferry (E. W.) Screw Products, Inc., 8219 Almira Av., Cleveland, O. (Stainless Steel)  
 General Mfg. Co., Waterbury, Conn.  
 General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
 Hassall (John), Inc., 402 Oakland, Bklyn, N. Y.  
 Hubbell, Harvey, Bridgeport, Conn.  
 Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland, O.  
 National Lock Co., Rockford, Ill.  
 National Screw & Mfg. Co., Cleveland, O.  
 New England Screw Co., 44 Farnsworth, Boston, Mass.  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill. "Phillips" (Slotted & Recessed Head)  
 Progressive Mfg. Co., Torrington, Conn.  
 Reading Screw Co., Norristown, Pa.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Rockford Screw Products Co., Rockford, Ill.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Phillips" (Recessed Head)  
 St. Louis Screw Co., St. Louis, Mo.  
 Scovill Mfg. Co., Waterbury, Conn.

Steele & Johnson Mfg. Co., Waterbury, Conn.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
 Wasmer Bolt & Nut Co., 13000 Athens Av., Cleveland, O.  
 Western Automatic Mach. Screw Co., Elyria, O.

**SCREWS, Monel**

American Screw Co., Providence, R. I.  
 Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Continental Screw Co., New Bedford, Mass. "Holtite"  
 Hassall (John) Inc., 402 Oakland, Bklyn, N. Y.  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.

**SCREWS, Press**

Adjustable Clamp Co., 411 N. Ashland Av., Chicago, Ill. "Little Giant"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Swett (A. L.) Iron Wks., Medina, N. Y.

**SCREWS, Recessed Head**

American Screw Co., Providence, R. I. "Phillips"  
 Continental Screw Co., New Bedford, Mass. "Holtite-Phillips"  
 Corbin Screw Corp., New Britain, Conn. "Phillips"  
 National Screw & Mfg. Co., 2440 E. 75th, Cleveland, O. "Phillips"  
 Parker Kalon Corp., 200 Varick, New York, N. Y. "Phillips"  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill. "Phillips"  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Phillips"  
 Southington Hardware Co., Southington, Conn. "Phillips"

**SCREWS, Saw**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ohlen-Bishop Co., Columbus, O.  
 Sargent & Co., New Haven, Conn.

**SCREWS, Set, Hollow, Safety**

Allen Mfg. Co., Hartford, Conn. "Allen"  
 Automotive Hdwe., Inc., 38 S. Cruse, Indianapolis, Ind.  
 Brighton Screw & Mfg. Co., 2300 Beekman, Cincinnati, O.  
 Bristol Co., Waterbury, Conn. "Bristo"  
 Chicago Screw Co., 1026 S. Homan Av., Chicago, Ill.  
 Economy Machine Products Co., 5200 Lawrence Av., Chicago, Ill.  
 Holo-Krome Screw Corp., Hartford, Conn. "Fibro-Forged"  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Standard Pressed Steel Co., Jenkintown, Pa.

**SCREWS, Set—See Screws, Cap and Set****SCREWS, Sheet Metal**

American Screw Co., Providence, R. I. "Phillips" (Slotted & Recessed Head)  
 Automotive Hdwe., Inc., 38 S. Cruse, Indianapolis, Ind.  
 Central Screw Co., 3511 Shields Av., Chicago, Ill.  
 Continental Screw Co., New Bedford, Mass. "Holtite."  
 Corbin Screw Corp., New Britain, Conn. "Phillips" (Slotted or Recessed Head)  
 Dorman Star Washer Co., 1004 Sycamore, Cincinnati, O.  
 Eagle Lock Co., Terryville, Conn.  
 Elco Tool & Screw Corp., Rockford, Ill. "Elco"  
 Ferry (E. W.) Screw Products, Inc., 8219 Almira Av., Cleveland, O. (Stainless Steel)  
 Keeler Brass Co., Grand Rapids, Mich.  
 National Lock Co., Rockford, Ill.  
 National Screw & Mfg. Co., 2440 E. 75th, Cleveland, O.  
 Parker-Kalon Corp., 200 Varick, New York, N. Y. "Phillips" (Slotted & Recessed Head), "Self-tapping"  
 Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill. "Phillips" (Slotted & Recessed Head)  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Rockford Screw Products Co., Rockford, Ill.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Phillips" (Recessed Head)  
 Shakeproof Lock Washer Co., 2501 N. Keeler Av., Chicago, Ill.  
 Southington Hardware Co., Southington, Conn. "Phillips" (Slotted and Recessed Head)  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.

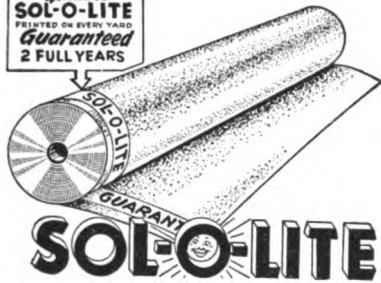
**SCREWS, Shoulder, Socket Head**

Allen Mfg. Co., Hartford, Conn. "Allen"  
 Brighton Screw & Mfg. Co., 2300 Beekman, Cincinnati, O.  
 Bristol Co., Waterbury, Conn. "Bristo"  
 Chicago Screw Co., 1026 S. Homan Av., Chicago, Ill.  
 Economy Machine Products Co., 5200 Lawrence Av., Chicago, Ill.  
 Hartford Machine Screw Co., Hartford, Conn.  
 Holo-Krome Screw Corp., Hartford, Conn. "Fibro-Forged"  
 Parker-Kalon Corp., 200 Varick, New York, N. Y.

# World's Fastest Selling GLASS SUBSTITUTES

For Poultry—Brooder Houses—Porches—Hot Beds—Screens—Storm Doors

LOOK FOR THE NAME  
QUALITIES  
**SOL-O-LITE**  
PRINTED ON EVERY YARD  
Guaranteed  
2 FULL YEARS



## NATIONALLY ADVERTISED

Sol-O-Lite is Nationally Advertised and easy to sell. Improved by scientific experiments resulting from 16 years' manufacturing experience, it is the finest product of its kind. It rates high in transmission of Ultra Violet Rays—has 124 tightly woven preshrunk threads

to every square inch. Coated on both sides with a 136 point paraffin solution which makes it *absolutely waterproof and weather-proof*. Guaranteed for full two years. 36" wide in 100, 50 and 25 yd. rolls. Retail at 25 cts. per sq. yd.

## THIS AMAZING NEW PRODUCT

Nu-Via Glass is the amazing new glossy material that is as clear as glass. You can actually see right through it. No gum, resin, wax or paraffin. Absolutely greaseless. Can be washed with soap and water, or wiped with damp cloth. Made of heavy transparent cellulose acetate reinforced with tough strong cord fabric—has triple strength. Weatherproof and waterproof—will not chip, crack or break. Retail at 17½ cts. per running foot.



Highest ULTRA  
VIOLET RAYS  
Clear like Glass

## Special 3 ROLL Deal With

### FREE—ALL WOOD DISPENSING RACK

Don't miss this special offer! It will triple your sales, bring more profits.

50 yds.  
**SOL-O-LITE**  
50 ft.  
**NU-VIA GLASS**  
25 yds.  
**GLAZ-FABRIK**

All 3 rolls  
Sell for **\$25.75**  
Dealers Cost **\$15.70**  
OVER 45% PROFIT  
with FREE \$1.50 VALUE RACK



Order At Once! Prices subject to change. If Jobber can't supply, order direct from factory. Progressive dealers wanted.

## FREE SELLING HELPS . . .

We provide dealers with free window displays, counter cards, folders, newspaper mats, etc. Tie up with a fast selling money-making line.

# SOL-O-LITE

## MANUFACTURING COMPANY

1451 North Cicero Ave.

Chicago, Ill.

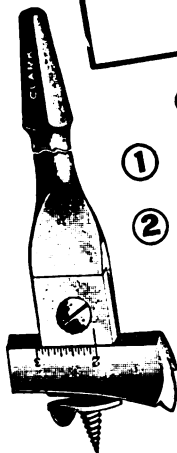
# HOW TO SELL MORE Conn. Valley EXPANSIVE BITS

Describe these features  
that make good work easier

- ① CUTS SMOOTHER HOLE — WITH LESS EFFORT — because of spur on head cutting circular groove at bottom of hole.
- ② POSITIVE PULL — smooth threads on point prevent clogging; assure free, positive action.
- ③ KEENER EDGES — the extra operation of hand-sharpening enhances the cutting qualities of a steel made to our own chrome-carbon formula.
- ④ NON-SLIP CUTTER — held by clamp under tension.

## CLARK TYPE

- ① Oldest manufacturers. Use original design.
- ② Shank "necked" to assure brace jaws gripping squared section.



## WRIGHT TYPE

- ① Longer cutting edge of blade.
- ② The convenience of direct, micrometer adjustment. Cutter slip-page impossible.



WRITE FOR CATALOG

The **CONVALCO**  
Connecticut Valley Mfg. Co.  
Incorporated 1874  
CENTERSBROOK, CONNECTICUT

**SCREWS, Shoulder, Socket, Head (Cont'd)**  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
Rochester Machine Screw Co., Rochester, N. Y.  
Standard Pressed Steel Co., Jenkintown, Pa. "Unbrako"  
Western Automatic Machine Screw Co., Elyria, O.

**SCREWS, Thumb**  
American Screw Co., Providence, R. I.  
Atlas Bolt & Screw Co., 1130 Ivanhoe Rd., Cleveland, O.  
Billings & Spencer Co., Hartford, Conn. "Tri-angle B"  
Blake & Johnson Co., Waterbury, Conn.  
Bonney Forge & Tool Wks., Allentown, Pa.  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Chicago Screw Co., Chicago, Ill.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Corbin Screw Corp., New Britain, Conn.  
Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S.E., Cleveland, O.  
Economy Screw Corp., 2717 Greenview Av., Chicago, Ill.  
Harper (H. M.) Co., Chicago, Ill.  
Haskell (Wm. H.) Mfg. Co., Pawtucket, R. I.  
Keystone Forging Co., Northumberland, Pa.  
Parker-Kalon Corp., 200 Varick, New York, N. Y.  
Parker Metal Goods Co., Worcester, Mass.  
Phell Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.  
Phila. Hdw. & Malleable Iron Wks., Inc., 7500 State Rd., Phila., Pa.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Rochester Mach. Screw Co., Rochester, N. Y.  
St. Louis Screw & Bolt Co., St. Louis, Mo.  
Screw Mach. Products Corp., Providence, R. I.  
Steele & Johnson Mfg. Co., Waterbury, Conn.  
Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
Western Automatic Mach. Screw Co., Elyria, O.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y.

**SCREWS, Wing**  
Central Screw Co., 3511 Shields Av., Chicago, Ill.  
Parker Wire Goods Co., Worcester, Mass.

**SCREWS, Wood**  
American Screw Co., Providence, R. I. "Phillips" (Slotted & Recessed Head)  
Atlantic Screw Works, Inc., Hartford, Conn. "Atlantic"  
Automotive Hdw., Inc., 38 S. Cruse, Indianapolis, Ind.  
Continental Screw Co., New Bedford, Mass. "Holtite," "Holtite-Phillips" (Slotted & Recessed Head)  
Corbin Screw Corp., New Britain, Conn. "Phillips" (Slotted & Recessed Head)  
Eagle Lock Co., Terryville, Conn.  
Elio Tool & Screw Corp., Rockford, Ill. "Speedized"  
Ferry (E. W.) Screw Products, Inc., 8219 Almira Av., Cleveland, O. (Stainless Steel)  
Keeler Brass Co., Grand Rapids, Mich. "Perfection"  
Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland, O.  
National Lock Co., Rockford, Ill. "Phillips" (Slotted & Recessed Head)  
National Screw & Mfg. Co., 2440 E. 75th, Cleveland, O.  
Parker (Chas.) Co., Meriden, Conn.  
Phell Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill. "Phillips" (Slotted & Recessed Head)  
Reading Screw Co., Norristown, Pa.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
Rockford Screw Products Co., Rockford, Ill.  
Southington Hdw. Co., Southington, Conn.  
Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
Weber-Knapp Co., Jamestown, N. Y. "Perfection"  
Whitney Screw Corp., Nashua, N. H.

**SCRIBERS**  
Brais (F.) & Co., 1349 E. 50th, Cleveland, O. "Gem"  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Gaffney (Jas. A.) Co., 157 Chambers, New York, N. Y. "Improved Acme"  
Lufkin Rule Co., Saginaw, Mich.  
Marey Tool Wks., Putnam, Conn.  
Millers Falls Co., Greenfield, Mass.  
Rulata Co., Inc., 22 Warren, New York, N. Y. "Genuine Acme"  
Starrett (L. S.) Co., Athol, Mass.  
Union Tool Co., Orange, Mass.  
**SCROLL SAW FRAMES**—See Frames, Coping Saw  
**SCROLL SAWS**—See Saws, Scroll  
**SCRUB CLOTHS**—See Cloths, Scrub  
**SCRUBBERS, CARPET**—See Machinery Carpet Cleaning  
**SCRUB BRUSH CLAMPS**—See Clamps, Brush, Scrub  
**SCRUB PAIL DOLLIES**—See Dollies, Scrub Pail  
**SCRUBBING BRUSHES**—See Brushes, Scrubbing  
**SCRUBBERS, FLOOR**—See Machines, Polishing, Scrubbing, Waxing, Floor, Electric  
**SCRUBBING MACHINES, FLOOR, ELECTRIC**—See Machines, Polishing, Scrubbing, Waxing, Floor, Electric  
**SCUFFLE BOES**—See Hoes, Scuffle

**SCUTCHES, Bricklayers**  
Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Acme," "Evansville"  
Iron City Tool Works, Pittsburgh, Pa.  
Rose (Wm.) & Bros., Sharon Hill, Pa.  
Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Atha"  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel"  
Vlcek Tool Co., Cleveland, O.  
**SCUTTLES, Coal**—See Hods, Coal  
**SCYTHE SNATHS**—See Snaths, Scythe  
**SCYTHE STONES**—See Stones, Scythe

**SCYTHES**  
Columbian Cutlery Co., Reading, Pa.  
Emerson & Stevens Mfg. Co., Oakland, Me. "All Hammered," "Diamond," "Hurricane," "Meadow-Brook," "Smuggler"  
Field (Alfred) & Co., Inc., 98 Chambers, New York, N. Y. "Fraser" (British), "Handy" (Domestic), "Redtenbacher" (Austria)  
Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "Sorby's," "T. Waldron" (British), "Redtenbacher Swan" (Austria)  
Kelly Axe & Tool Wks., of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Black Raven," "Blood's," "Briar Edge," "Clipper," "Clover Leaf," "Comet," "Copper King," "Featherweight," "Flint Edge," "Meadow Lark," "Perfect," "Sampson," "Vulcan," "Winner," "World's Finest"  
North Wayne Tool Co., Oakland, Me. "American Maid," "Cyclone," "Earle Special," "Lightning," "Little Giant," "Swedonian," "Swift Cutter"  
Rixford Mfg. Co., East Highgate, Vt. "Fine India Steel," "Golden Clipper," "Hercules," "Rough and Ready," "Rixford Railroad Special," "Cast Steel," "Red Razor," "Saw-Nor"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Banko" (Swedish)  
Sibley Scythe Co., Newport, N. H.  
Sythax Mfg. Co., Memphis, Tenn.  
Village Blacksmith Folks, Watertown, Wis.  
Wadsworth (David) & Son, Box 610, Auburn, N.Y. "Owasco"  
Winsted Mfg. Co., Inc., Winsted, Conn. "Clipper," "Columbia," "Crown Jewel," "Eureka," "Red," "White & Blue," "Winmanco"  
**SEAL PRESSES**—See Presses, Seal

## SEALERS and STRAIGHTENERS, Jar Cap

Aurora Precision Devices, Aurora, Ill. "Elgin Maid"  
Polisso & Stablow, Rochester, Pa. "Polisso"

## SEALS, Embossed

May (J. L.) Co., 111 W. 19th, New York, N. Y. "Maco"

## SEALS, Jam and Jelly

Clopay Corp., 1209 Dayton, Cincinnati, O. "Jiffy-Seal"

## SEALS, Lead

American Casting & Mfg. Corp., 30 Main, B'klyn., N. Y.  
Brooks (E. J.) Co., 164 N. 13th, Newark, N. J.  
Dickey-Grabler Co., 10298 Madison Av., Cleveland, O.  
Protecto-Seal Co., Inc., Orchard Park, N. Y.  
United Seal Co., 450 S. Pearl, Columbus, O.

## SEALS, Oil and Dust

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.

## SEALS, Oil and Grease

Gits Bros. Mfg. Co., 1846 So. Kilbourn Av., Chicago, Ill.

## SEAM FILLERS—See Fillers, Seam

## SEAM ROLLERS—See Rollers, Paper Hangers

## SEAMLESS STEEL RETORTS—See Retorts, Steel

## SEAMLESS STEEL TUBING—See Tubing, Steel

## SEAT BUMPERS, Closet Seat—See Bumpers, Rubber Closet Seat

## SEAT CUSHIONS—See Cushions, Seat

## SEATS, Baby, Automobile

Gendron Wheel Co., Toledo, O.  
Perfection Mfg. Co., St. Louis, Mo.

## SEATS, Bath Tub

Bath Essentials Corp., 2082 First Av., New York, N. Y.  
Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Brascrafters"  
Pocono Metal Mfg. Co., East Stroudsburg, Pa.  
Stiles (H. A.) & Co., Boston, Mass.  
Washburn Company, Worcester, Mass.

## SEATS, Boat, Folding

Imperial Bit & Snap Co., Racine, Wis.  
Relax Mfg. Co., 844 W. Erie, Chicago, Ill. "Relax"

Tucker Duck & Rubber Co., Fort Smith, Ark.  
Warner Mfg. Co., 801 16th Av., S. E., Minneapolis, Minn. "Minnetonka"  
Woodstock Metal Products Co., Woodstock, Ill.

## SEATS, Chair, Fibre and Leather

American Fibre Chair Seat Corp., 39-40 22nd, Long Island City, N. Y. "Afnaco," "Dragon," "Duotone," "Slip-On,"  
Barber Leather Co., North Adams, Mass. "Ex-On," "Hard Wear," "Walrus"  
Continental Diamond Fibre Co., East Newark, Del.  
Economy Products Corp., 512 S. Peoria, Chicago, Ill. "Busse"  
Spaulding Fibre Co., Inc., Tonawanda, N. Y.

## SEATS, Chair, Perforated

Blair Veneer Co., North Troy, Vt.  
Frost Veneer & Plywood Co., 11 S. Water, Sheboygan, Wis.

## SEATS, Faucet

Barry-Gordon Sales Co., 11 W. 42nd, New York, N. Y. "No-Leak"  
H. & H. Sales Corp., 232 Seaver, Roxbury, Mass. "Clip-er"

## SEATS, Toilet

Bath Essentials Corp., 2082 First Av., New York, N. Y.  
Bemis Mfg. Co., Sheboygan Falls, Wis.  
Bilt-Rite Mfg. Co., 121 S. Division Av., Grand Rapids, Mich. "Bilt-Rite"  
Breckweidt (Julius) & Son, Inc., Dolgeville, N. Y.  
Brunswick-Balke-Collender Co., Inc., 623 S. Wabash Av., Chicago, Ill. "Monarch," "Whale-Bone-ite"  
Church (C. F.) Mfg. Co., Holyoke, Mass. "Sani-Black"  
Coyne & Delany Co., 830 Kent Av., B'klyn., N. Y.  
Durst Mfg. Co., Inc., 408 B'way, New York, N. Y. "Dumaco"  
Germain Mfg. Co., Jefferson & Rust Aves., Saginaw, Mich.  
Gleitsman's, Inc., Glendale, N. Y. "Wick-International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Elgin," "Super Seats," "Universal"  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa. "Duro"  
Knott Mfg. Co., Tall City, Ind. "Atlas"  
Miller (Chas. A.) Co., Sturgis, Mich.  
Never Split Seat Co., Evansville, Ind. "Evernu"  
Perfect Tank & Seat Co., Syracuse, N. Y. "Tusko," "Two-in-One"  
Plumbers Woodwork Co., Algoma, Wis. "Badger," "Everlasting," "Royal Jr.," "Royal Sr."  
Reliable Metal Novelty Co., 18 W. 26th, New York, N. Y.  
San Duro Mfg. Co., Rockford, Ill.  
Sperzel Modern Seat Co., 4927 Oakland, Minneapolis, Minn.  
Standard Tank & Seat Co., Camden, N. J. "Empire White," "Stasco"  
Strattan & Terstegge Co., Louisville, Ky. "Country Seat," "Falls City"  
Van Arnam Mfg. Co., Fort Wayne, Ind. "Challenge," "Cloeruf"  
Vogue Mfg. Co., Fort Wayne, Ind.

## SEATS, Toilet, Juvenile

Bath Essentials Corp., 2082 First Av., New York, N. Y.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Gem Mfg. Corp., Bascom, O.  
Hamilton Mfg. Co., Two Rivers, Wis.  
Juvenile Wood Products, Inc., Fort Wayne, Ind. "Little Toidey"  
Kennedy-McCandless Corp., Rochester, N. Y. "Kid-die Toilette"  
Lehman Co. of America, Inc., Canfield, Ind.  
Nursery Crafters, Rochester, N. Y.  
Queen Mfg. Co., Chicago, Ill.  
Trimble Nurseryland Furniture, Inc., Rochester, N. Y.  
Wee Wee Toilet Seat Co., 4810 48th Av., Woodside, L. I., N. Y. "Wee Wee"

## SEATS, Window, Safety

Lange, Geo., 16 Durham Pl., Bklyn., N. Y.  
Little Giant Window Bracket Co., 1114 First, Knoxville, Ia. "Little Giant"  
Pal-Mos Mfg. Co., 2191 W. 59th, Cleveland, O. "Pal-Mos"  
Sil Seat Mfg. Co., Inc., 1833 E. 75th, Cleveland, O. "Sil Seat"

## SECRET DOOR LATCHES—See Latches, Invisible

## SECRET DOOR LOCKS—See Latches, Invisible

## SEE SAWS

American-National Co., Toledo, O.  
Arch-Horne Co., 25 West B'way, New York, N. Y.  
Delphos Bending Co., Delphos, O.  
Everwear Mfg. Co., Springfield, O.  
Garton Toy Co., Sheboygan, Wis.  
General Playground Equipment, Inc., Kokomo, Ind.  
Giant Mfg. Co., Council Bluffs, Ia.  
Hall Mfg. Co., Cedar Rapids, Ia. "Magic"  
Kiddie Gym Corp., Elizabeth, N. J.  
Medart (Fred) Mfg. Co., St. Louis, Mo.  
Pratt Corp., Coldwater, Mich.  
Schmid Bros., Lancaster, Pa. (Metal)  
Tothill, W. S., Chicago, Ill.



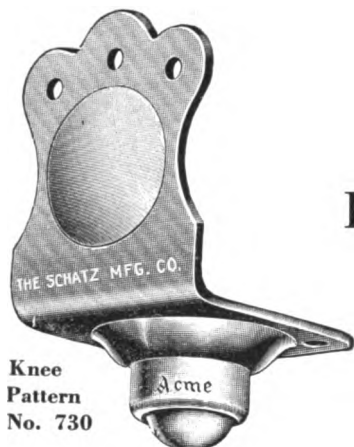
# The "Arme" BALL BEARING CASTER

## For FURNITURE

## and HIGH GRADE TRUNKS

*A Ball  
Not a Wheel*

*Always Ready to Roll  
in Any Direction*



Knee  
Pattern  
No. 730

For Metal Bottom Trunks and Wardrobe Trunks

Size of Ball in Inches	$\frac{3}{4}$
No. 730, Brassed, list per set....	\$ .75
No. 731, Nickeled, list per set....	.75
No. 732, Galvanized, list per set....	.75

Shipped in Bulk Only



Flush  
Plate  
No. 710

Extra Heavy  
For Wardrobe Trunks  
List per set of Four Casters

Size of Ball in Inches	$\frac{3}{4}$
No. 710, Brassed, per set.....	\$ .70
No. 711, Nickeled, per set.....	.70
No. 712, Galvanized, per set.....	.70

Shipped in Bulk Only

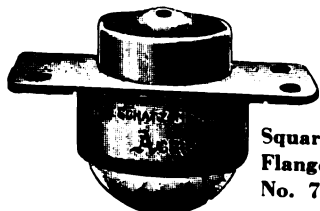


Counter  
Sunk  
No. 720

Extra Heavy  
Not so high as No. 710  
Used mostly on lighter trunks

Size of Ball in Inches	$\frac{3}{4}$
No. 720, Brassed, list per set....	\$ .70
No. 721, Nickeled, list per set....	.70
No. 722, Galvanized, list per set....	.70

Shipped in Bulk Only



Square  
Flange  
No. 740

Ball Bearing Trunk Caster for Sample and Heavy Wardrobe Trunks. Made with wide flange which gives a good bearing surface and prevents sinking into wood.

Size of Ball in Inches	$1\frac{1}{4}$
No. 740, Brassed, list per set....	\$ .80
No. 741, Nickeled, list per set....	.80
No. 742, Galvanized, list per set....	.80

Shipped in Bulk Only

In this caster there is one large surface ball that comes in contact with the floor. It is held in a cup and revolved upon a number of smaller anti-friction balls, which, in turn, move upon a cup-shaped disc of steel. Thus every movement of the large surface ball shifts all of the smaller balls upon the disc and the result is a smooth, free action in any direction.

No possibility of clogging. No amount of weight or pressure will hinder the action. The "Arme" is the ideal caster for furniture—and trunks as well. The balls are alloy steel, the ball race chrome steel well hardened and tempered. All interior parts electro galvanized. Any of the casters shown are procurable in brass, nickel or galvanized finish.

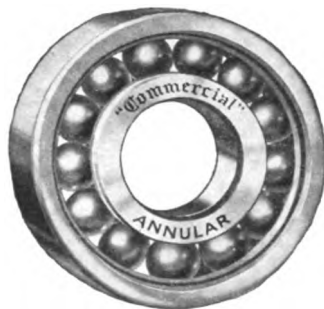
### "Arme"

**BALL BEARING TRUNK CASTER**  
For Trunks, Cosy Corner Boxes, Shirt Waist Boxes, Hassocks, etc. Catalog No. 9 describes complete line of Casters. Sent on request.

### "Commercial"

### ANNULAR BALL BEARINGS AND ROLLERS

For locations requiring inexpensive anti-friction bearings for moderate loads and speeds. Used by thousands of machinery makers. Available in more than 2,000 types and sizes.



Catalog No. 10 gives complete information about all types of bearings, load capacities at various speeds, mountings, special types, for special service, etc. Sent on request.

**The SCHATZ MFG. CO.**

Poughkeepsie Caster Division New York



Counter Sunk Round Plate  
List Per Set of Four Casters

Size of Ball in Inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
No. 655, Galv.....	\$ .65	.70	.75	.80
No. 656, Brass.....	.65	.70	.75	.80
No. 657, Nickel.....	.65	.70	.75	.80

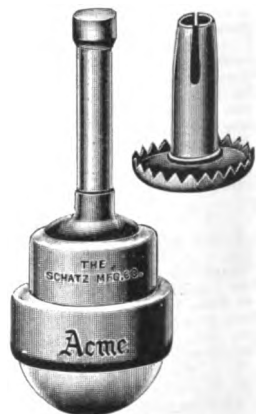
Packed One Set in Box—100 Sets in Case.



Counter Sunk—Oblong Plate  
List Per Set of Four Casters

Size of Ball in Inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
No. 661, Galv.....	\$ .65	.70	.75	.80
No. 662, Brass.....	.65	.70	.75	.80
No. 663, Nickel.....	.65	.70	.75	.80

Packed One Set in Box—100 Sets in Case.



GRIP NECK WITH SOCKET  
List Per Set of Four Casters

Size of Ball in Inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
No. 658, Brass.....	\$ .70	.75	.80	.85
No. 659, Nickel.....	.70	.75	.80	.85
No. 660, Galv.....	.70	.75	.80	.85

Packed One Set in Box—100 Sets in Case.

## SEED, Bird

American Seed & Food Products, 1410 W. Harrison, Chicago, Ill.  
Barteldes Seed Co., 1521 15th, Denver, Colo.  
Brookman Mfg. Co., 416 W. Huron, Chicago, Ill.  
"Golden Harvest"  
Burnett's Inc., 217 Plane, Newark, N. J. "Burnett's"  
Champion Animal Food Co., Minneapolis, Minn.  
"Blue Bird"  
Dickinson (Albert) Co., Chicago, Ill. "Globe"  
Durkee (E. R.) & Co., Elmhurst, L. I., N. Y.  
Duryea Seed Co., 18 Desbrosses, New York, N. Y.  
French (R. T.) Co., Rochester, N. Y. "French's Air-Washed"  
Landreth (D.) Seed Co., Bristol, Pa.  
McAllister (M. A.) Co., 65 Courtlandt, New York, N. Y.  
Nature Friend, Inc., 385 Gerard Av., New York, N. Y. "Magic"  
Publ-Webb Co., Chicago, Ill.  
Radway-McCullough Seeds, Inc., 115 Broad, New York, N. Y.  
Spratta Patent, Ltd., 14 Congress, Newark, N. J.  
SEED DRYERS—See Dryers, Corn Seed

## SEED, Field

Adikes (J. & L.) Inc., 182nd Pl., Jamaica, N. Y.  
American Seed Co., Detroit, Mich.  
Barteldes Seed Co., 1521 15th, Denver, Colo.  
Brent (C. S.) Seed Co., Lexington, Ky.  
Condon Bros. Seedmen, Rockford, Ill.  
Dickinson (Albert) Co., Chicago, Ill. "Pine Tree"  
Dreer, Henry A., Phila., Pa.  
Duryea Seed Co., 18 Desbrosses, New York, N. Y.  
Emerson (Thos. W.) Co., 213 State, Boston, Mass.  
Holmes Seed Co., 224 Cleveland Av., N. W., Canton, O.  
Johnson, J. Oliver, Chicago, Ill.  
Kelly Seed Co., Peoria, Ill.  
Landreth (D.) Seed Co., Bristol, Pa.  
Louisville Seed Co., Louisville, Ky.  
McCullough's (J. M.) Sons Co., 330 E. Front, Cincinnati, O.  
Mills, F. B., Rose Hill, N. Y.  
Northrup, King & Co., Minneapolis, Minn.  
Page Seed Co., Greene, N. Y. "Page's"  
Peppard (J. G.) Seed Co., Kansas City, Mo.  
Radway-McCullough Seeds, Inc., 115 Broad, New York, N. Y.  
Rice (J. B.) Seed Co., Cambridge, N. Y.  
Scott (O. M.) & Sons Co., Marysville, O.  
Teweles (L.) Seed Co., 222 S. 3rd, Milwaukee, Wis. "Badger"  
Vaughan's Seed Store, 47 Barclay, New York, N. Y.  
Wood (T. W.) & Sons, Richmond, Va.  
Woodruff (F. H.) & Sons, Milford, Conn.  
SEED, Flower—See Seed, Garden and Flower

## SEED, Garden and Flower

American Seed Co., Detroit, Mich.  
Associated Seed Growers, Inc., New Haven, Conn.  
Barnard (W. W.) Co., Chicago, Ill.  
Barteldes Seed Co., 1521 15th, Denver, Colo.  
Bodger Seeds, Ltd., El Monte, Calif.  
Burpee (W. Atlee) Co., 18th & Hunting Park Av., Phila., Pa. "Burpee's"  
Cokers' Pedigreed Seed Co., Hartsville, S. C.  
Condon Bros. Seedmen, Rockford, Ill.  
Dreer, Henry A., Phila., Pa.  
Emerson (Thos. W.) Co., 213 State, Boston, Mass.  
Ferry-Morse Seed Co., Monroe Av. & Brush, Detroit, Mich.  
Holmes Seed Co., 224 Cleveland Av., N. W., Canton, O.  
Kelly Seed Co., Peoria, Ill.  
Landreth (D.) Seed Co., Bristol, Pa.  
Leonard Seed Co., Chicago, Ill.  
Mandeville & King Co., Rochester, N. Y. "Mandeville"  
Mangelsdorf Seed Co., Atchison, Kan.  
Mills, F. B., Rose Hill, N. Y.  
Northrup, King & Co., Minneapolis, Minn.  
Page Seed Co., Greene, N. Y. "Page's" "Pa-Se-Co"  
Pedigreed Seed Co., Inc., 44 W. B'way, New York, N. Y.  
Pieters-Wheeler Seed Co., Gilroy, Calif.  
Rice (J. B.) Seed Co., Cambridge, N. Y.  
Rogers Bros. Seed Co., Chicago, Ill.  
Rohbert (Waldo) Co., Gilroy, Calif.  
Simon (I. N.) & Son, Phila., Pa.  
Sioux City Seed Co., Sioux City, Ia.  
Teweles (L.) Seed Co., 222 S. 3rd, Milwaukee, Wis. "Badger"  
Vaughan's Seed Store, 47 Barclay, New York, N. Y.  
Waller-Franklin Seed Co., Guadalupe, Calif.  
Wood (T. W.) & Sons, Richmond, Va.  
Woodruff (F. H.) & Sons, Inc., Milford, Conn.  
SEED, Grass—See Seed, Lawn

## SEED, Lawn

Adikes (J. & L.) Inc., 182nd Pl., Jamaica, N. Y.  
Brent (C. S.) Seed Co., Lexington, Ky.  
Brookman Mfg. Co., Chicago, Ill. "Golden Harvest"  
Burpee (W. Atlee) Co., 18th & Hunting Park Av., Phila., Pa. "Burpee's"  
Chandlerin Seed Co., 601 W. 26th, New York, N. Y.  
"Chelsea Manor," "Mayfair," "Monarch," "N. J. Formula," "Prestige," "Willowdale"  
Cokers' Pedigreed Seed Co., Hartsville, S. C.  
Dickinson (Albert) Co., Chicago, Ill. "Evergreen," "Globe"  
Dreer, Henry A., Phila., Pa.  
Duryea Seed Co., 18 Desbrosses, New York, N. Y.  
Emerson (Thos. W.) Co., 213 State, Boston, Mass.  
Ferry-Morse Seed Co., Monroe Av. & Brush, Detroit, Mich.

Ferti-Lawn Co., Inc., Hamilton, N. Y.  
Holmes Seed Co., 224 Cleveland Av., N. W., Canton, O.  
Johnson, J. Oliver, Chicago, Ill.  
Kellogg-Kelly Seed Co., St. Joseph, Mo.  
Landreth (D.) Seed Co., Bristol, Pa.  
Leonard Seed Co., Chicago, Ill.  
McCullough's (J. M.) Sons Co., 350 E. Front, Cincinnati, O.  
Pedigreed Seed Co., Inc., 44 W. B'way, New York, N. Y.  
Peppard (J. G.) Seed Co., Kansas City, Mo.  
Radway-McCullough Seeds, Inc., 115 Broad, New York, N. Y. "Central Park," "Golfgreen," "Lux-orlawn," "Shadylawn," "Sunshine"  
Rice (J. B.) Seed Co., Cambridge, N. Y.  
Scott (O. M.) & Sons Co., Marysville, O.  
Simon (I. N.) & Son, Phila., Pa.  
Spears-Kiser Co., Paris, Ky.  
Spears, Woodford & Son, Paris, Ky.  
Vaughan's Seed Store, 47 Barclay, New York, N. Y.  
Wood (T. W.) & Sons, Richmond, Va.  
Woodruff (F. H.) & Sons, Inc., Milford, Conn. "Tru-Shade," "Turfmaker"  
SEED RACKS—See Dryers and Racks, Corn Seed  
SEED STRIPPERS—See Strippers, Seed, Hand  
SEED, Vegetable—See Seed, Garden and Flower

## SEEDERS, Drill and Hill

Allen (S. L.) & Co. Inc., 401 Glenwood Av., Phila., Pa. "Planet Jr."  
American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "True Temper"  
Ellis Keystone Agricultural Works, Pottstown, Pa.  
"Iron Age"  
Geyer Mfg. Co., Rock Falls, Ill.

## SEEDERS, Grass, Wheelbarrow

Crown Mfg. Co., Phelps, N. Y. "Crown"  
Pioneer Thresher Co. Inc., Shortsville, N. Y. "Star"  
Thompson (O. E.) & Sons, Ypsilanti, Mich. "Royal," "Thompson"

## SEINE FLOATS—See Floats, Seine

## SEINES, Fishing

Erickson Textile Co., Mokenca, Ill.  
Horrocks-Ibbotson Co., Dept. S, Utica, N. Y.  
Yawgo Line & Twine Co., Rockville, R. I.

## SEINE TWINE—See Twine, Wrapping

## SELF-CLOSING WASTE RECEPTACLES—See Receptacles, Waste, Self-Closing

## SELF-FLUXING SOLDER—See Solder, Self-Fluxing

## SELF-GENERATING ELECTRIC FLASHLIGHTS—See Flashlights, Electric, Self-Generating

## SELF-HEATING SOLDERING COPPERS—See Coppers, Soldering, Self-Heating

## SELF-MEASURING GASOLINE PUMPS—See Pumps, Gasoline, Self-Measuring

## SELF-WRINGING MOPS—See Mops, Self-Wringing

## SEPARATORS, Cream

Albaugh-Dover Mfg. Co., 4826 W. 16th, Chicago, Ill. "Butterfly"  
Anker-Holth Mfg. Co., Inc., 2700 Conner, Port Huron, Mich. "Anker-Holth," "Challenge," "Chief," "Great Western," "Gold Medal," "Rock Island"  
Associated Manufacturers, Inc., Waterloo, Ia. "Iowa," "Super Electric"  
De Laval Separator Co., 165 B'way, New York, N. Y. "De Laval," "Electro," "Golden," "Junior," "Sterling"  
Galloway & Co., Inc., Waterloo, Ia.  
Hummer Mfg. Co., Springfield, Ill. "Hummer"  
International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering"  
King Mfg. Corp., Buffalo, N. Y.  
Lawrence-Bostwick Mfg. Co., Ltd., Phelps, N. Y.  
Massey-Harris Co., Racine, Wis.  
New Prima Separator Co., 4003 N. Tripp Av., Chicago, Ill.  
Perfection Milker Co., Inc., Minneapolis, Minn. "Perfection Gold Star"  
Southern Plow Co., Dallas, Tex. "Baltic"  
Superior Sheet Metal Wks. Co., 3201 Roosevelt Av., Indianapolis, Ind. "Marvel," "New Model" (Gravity)  
United Dairy Equipment Co., West Chester, Pa. "Sharples"  
United Engine Co., Lansing, Mich. "Diabolo," "Swedish Queen," "United Diabolo," "Viking"  
United Industries, 3931 Maquoketa, Des Moines, Ia. "Ideal"  
Vega Separator Corp. of America, 718 Wash. Av. No., Minneapolis, Minn. "Vega"  
Vermont Farm Machine Co., Bellows Falls, Vt. "U.S."  
SEMI-CONCEALED DOOR CLOSERS—See Closers, Door, Semi-Concealed  
SEMI-FINISHED NUTS—See Nuts, Semi-Finished

## SEPARATORS, Cream, Milk Bottle

H. & S. Co., Ardmore, Pa.  
Hygienic Products Corp., 193 Middle, Portland, Me.  
Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill.

## SEPARATORS, Cream, Replacement Parts, Rubber

Snyder (M. L.) & Son, 1815-75 E. York, Phila., Pa.

## SEPTIC TANKS—See Tanks, Septic SERPENTINE CUTTING SHEARS—See Shears, Bar & Serpentine Cutting

## SERVERS, for Beer in Cans

Rome Mfg. Co. Div. Revere Copper & Brass, Inc., Rome, N. Y. "Tapster"

## SERVERS, Oven

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro"  
Handy Andy Specialty Co., 39-40 22nd, Long Island City, N. Y.  
West Bend Aluminum Co., West Bend, Wis.

## SERVERS, Sandwich

Beacon Mfg. Co., 1439 W. 9th, Cleveland, O.  
Everedy Co., Frederick, Md. "Evercraft"  
Handy Andy Specialty Co., 39-40 22nd, Long Island City, N. Y.  
New York Stamping Co., 36 Gem, B'klyn, N. Y. "Empress Ware"  
Rome Mfg. Co. Div. Revere Copper & Brass, Inc., Rome, N. Y.  
West Bend Aluminum Co., West Bend, Wis. "Star-Fresh"

## SERVERS, Cake

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro"  
Cincinnati Galvanizing Co., Spring Grove Av., Cincinnati, O. "King"  
Enterprise Aluminum Co., Massillon, O.  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
Kreamer (A.) Inc., 307 Kent Av., Bklyn, N. Y.  
Lawson (F. H.) Co., Evans & Whateley, Cincinnati, O. "Lawco"  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Garden Girl"  
Owens-Illinois Can Co., Toledo, O.  
Parker Metal Decorating Co., 1301 S. Howard, Baltimore, Md.  
Peoria Metal Specialty Co., 2501 S. Washington, Peoria, Ill.  
Transparent Specialties Mfg. Co., 6300 Euclid Av., Cleveland, O. "Crystal-Pak" (Transparent) N. Y.

## SERVING TRAYS—See Trays, Serving

## SET SCREWS—See Screws, Cap and Set

## SETS, Aluminum, Toy

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Aluminum Specialty Co., Manitowoc, Wis.  
Wagner Mfg. Co., Sidney, O.

## SETS, ARCHERY—See Archery

## SETS, Archery, Toy

Indian Archery & Toy Corp., Evansville, Ind. "Eight Point"  
Noble Sport Equipment, 175 Fifth Av., New York, N. Y.  
Payne (A. S.) Inc., No. Bennington, Vt. "Brie-Tarc"  
Selchow & Righter Co., 200 6th Av., New York, N. Y. "Tru-Flite"  
Stemmler (L. E.) Co., Queens Village, Long Island, N. Y.

## SETS, Automobile, Receiving, Radio

Belmont Radio Corp., Chicago, Ill. "Freshman-Belmont"  
Continental Radio & Television Corp., 3800 W. Cortland, Chicago, Ill. "Admiral"  
Crosley Corp., 1329 Arlington, Cincinnati, O.  
Electric Research Laboratories, 2222 W. Diversey Pkwy., Chicago, Ill. "Erla"  
Emerson Radio & Phonograph Corp., 111 8th Av., New York, N. Y.  
Galvin Mfg. Co., 847 W. Harrison, Chicago, Ill. "Motorola"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Monarch Sales Co., Inc., 261 Fifth Av., New York, N. Y. "Freed-Eisemann"  
Noblitt Sparks Industries, Inc., Columbus, Ind. "Arvin"  
Philco Radio & Television Corp., Tioga & C, Phila., Pa. "Philco"  
Pierce-Airo, Inc., 440 Lafayette, New York, N. Y. "De Wald"  
RCA Co., Camden, N. J. "RCA-Victor"  
Sentinel Radio Corp., 2020 Ridge Av., Evanston, Ill. "Sentinel"  
Simplex Radio Co., Sandusky, O. "Simplex"  
Sparks-Withington Co., Jackson, Mich. "Sparton"  
Stewart-Warner Corp., 1828 Diversey Parkway, Chicago, Ill. "Magic Keyboard"  
United American Bosch Corp., Springfield, Mass. "American Bosch"  
Wells Gardner Co., 2701 N. Kildare, Chicago, Ill.  
Zenith Radio Corp., 3620 Iron, Chicago, Ill.

## SETS, Battery, Receiving, Radio

Carlson (Setchell) Inc., 2233 University Av., St. Paul, Minn.  
Crosley Corp., 1329 Arlington, Cincinnati, O.  
Detroit Corp., 1501 Beard Av., Detroit, Mich. "Detroit"  
Electric Research Laboratories, 2222 W. Diversey Pkwy., Chicago, Ill. "Erla"  
Emerson Radio & Phonograph Corp., 111 8th Av., New York, N. Y.

# ★ CLEVELAND ★

## AMERICA'S FIRST LINE OF MODELS

★ **Biggest Variety**

**Priced for All Purses** ★

★ **Nationally Advertised to Millions**

★ **Leads the World in Quality**

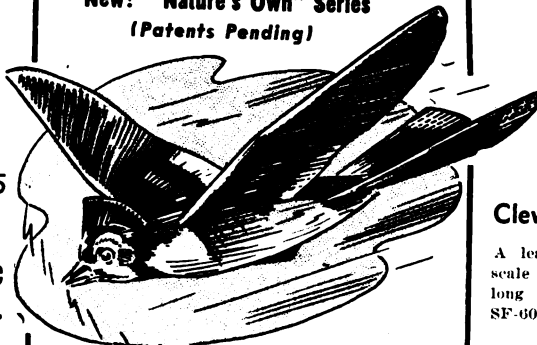
Can pile up REAL HOBBY PROFITS FOR YOU—and Keep 'em coming!



### Cleveland "Dwarf" Seversky P-35 Fighter

Extremely popular  $\frac{1}{2}$ " scale (as all "Dwarfs" are) model. U. S. Army Fighter. Span 16". Dry Kit D-61 (except liquids) to retail at only..... **85c**  
27 Other "Dwarf" ( $\frac{1}{2}$ " Scale) Models, 25c - \$2.50

### New! "Nature's Own" Series (Patents Pending)



### Cleveland 25" Bluejay N-3

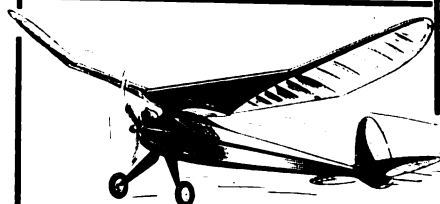
One of 6 brand new, unique rubber-powered, propeller-driven flying models. Others of series are Barn Swallow, Swallowtail Butterfly, Flying Fish, Dragon Fly and Vampire Bat. All 25" span. Striking resemblance to prototypes. Super values. Kits retail each only..... **25c**



### Cleveland $\frac{3}{4}$ " Scale P26-A Fighter

A leader in America's most beautiful line of scale models. Span 21". High speed, long distance flyer. Complete Kit SF-60, to retail at only..... **\$2.25**

16 Other  $\frac{3}{4}$ " Scale Models, 95c to \$2.50

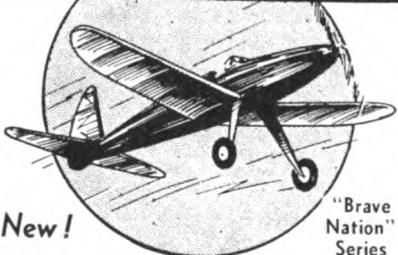


### Cleveland PLAYBOY Gas Model

The contest sensation of the day. Broke world's record twice within 15 days. Three styles for each Class—A, B, and C. Span from 33" to 80". Complete Kits (except power units) retail from..... **\$1—\$3.95**

7 Other Gas Models, \$1 to \$10.95

### TRIBUTE TO BRAVE CZECHOSLOVAKIA



New!

"Brave Nation" Series

### Cleveland 32" C-S Interceptor

Series of 6—Polish Valor, Flemish Defiance, Czechoslovakia Interceptor, Austrian Chivalry, Norseman, and Flying Dutchman. All 32" span. Each different type rubber-powered model. Super values. Comparable to 50c-\$2.00 kits. Kits retail, each, only..... **25c**



### Cleveland CONDOR Soaring Glider

Giant 7 ft. span. 324 sq. in. wing area. In big demand. Dazzling contest model. Either tow line, or hand launched. Complete Kit F-5019, only..... **\$1**

Many Other Gliders, etc., from 25c up



### Cleveland "Rep" HUGHES RACER

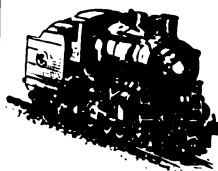
Famous Transcontinental record breaker. Span 20". Speedy flyer. Very Popular. Simple to build. Kit No. Rep. 54, retails at only..... **50c**

11 Other "Rep" 20-in. Models, 25c - 50c



### Cleveland "Speedster" AIRCAR

Airplane-propeller-driven model gas powered car. Capable of 60 m.p.h. Easy to build. Complete Kit AU-7 (except power unit and color) retails at only..... **\$4.50**



### Cleveland "All-American" $\frac{7}{8}$ " Gage $\frac{3}{16}$ " Scale Model Railroad

The model railroad of tomorrow. Most practical scale yet developed. Lifelike reproductions—easily made—at a fraction of other RR cost. Locos available in both operating and non-operating equipment. Big line of both passenger and freight cars.

## DEALERS! JOBBERS!

Write for our catalog and list of popular assortments—made up of quick sellers—to fit your particular needs. And, everything imaginable in parts and supplies! Cleveland popularity is growing by leaps and bounds. It's America's most underpriced quality line—as easy to sell—and more profitable than cheaper merchandise. Every sale is a potential many-times repeater. Don't delay getting your share of this growing business. Write today.

# Cleveland Model & Supply Co. Inc.

4508D87 Lorain Ave. ★ World's Largest Maker of QUALITY Models ★ Cleveland, Ohio



### SETS, Battery, Receiving, Radio (Cont'd)

Farnsworth Television & Radio Corp., 3700 Pontiac, Fort Wayne, Ind.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
General Household Utilities Co., 2638 N. Crawford Av., Chicago, Ill. "Grunow"  
Pilot Radio Corp., 3706 36th, Long Island City, N. Y. "Pilot"  
RCA Co., Camden, N. J. "RCA-Victor"  
Sentinel Radio Corp., 2020 Ridge Av., Evanston, Ill. "Sentinel"  
Sonora Radio & Television Corp., 2616 W. Washington Blvd., Chicago, Ill. "Brownie"  
Sparks-Withington Co., Jackson, Mich. "Spartan"  
Wilcox-Gay Corp., Charlotte, Mich.  
Zenith Radio Corp., 3620 Iron, Chicago, Ill.

### SETS, Bit, Auger

Connecticut Valley Mfg. Co., Centerbrook, Conn. "Convaleco"  
Crescent Tool Co., Jamestown, N. Y. "Red Devil"  
Greenlee Tool Co., Rockford, Ill.  
Irwin Auger Bit Co., Wilmington, O. "Bluwinn"  
Clinton, "D 24," "Ferrox," "Irwin," "Master Mechanic"  
Jennings (Russell) Mfg. Co., Chester, Conn.  
Millers Falls Co., Greenfield, Mass.  
Pugh (John T.), Inc., Phila., Pa.  
Snell Mfg. Co., Fiskdale, Mass.  
Swan (James) Co., Seymour, Conn.

### SETS, Bricklayers'

Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."

### SETS, CALK, BOOT and SHOE—See Calks, Boot and Shoe

### SETS, Canister, Kitchen

Acme Can Co., Phila., Pa.  
Cincinnati Galvanizing Co., Cincinnati, O.  
Fernald Mfg. Co., North East, Pa.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
National Can Co., 110 E. 42nd, New York, N. Y. "Empeco"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Garden Girl," "Kitchen Vogue"  
Owens-Illinois Can Co., Ohio Bldg., Toledo, O.  
Parker Metal Decorating Co., Baltimore, Md.  
Peoria Metal Specialty Co., Peoria, Ill.  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schluter Mfg. Co., St. Louis, Mo. "De Luxe"  
Sefton Nat. Fibre Can Co., St. Louis, Mo.  
Sneath Glass Co., Hartford City, Ind.  
Transparent Specialties Mfg. Co., 6300 Euclid Av., Cleveland, O. "Crystal-Pak" (Transparent)  
Wright Accessories, Inc., 40 W. 26th, New York, N. Y.

### SETS, Carving

(See also Knives, Carving)

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Baker (H.) & Co., 101 Duane, New York, N. Y.  
Continental Mfg. Co., 702 6th Av., New York, N. Y.  
Crescent Mfg. Co., Fremont, O.  
Durham Duplex Razor Co., Mystic, Conn.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor"  
Landers, Frary & Clark, New Britain, Conn. "Landers," "Universal"  
Ontario Knife Co., Franklinville, N. Y. "True Edge" (Stainless Steel)  
Remington Arms Co., Inc., Bridgeport, Conn. "Klean Blade"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Sta-Brite Products Corp., New Haven, Conn.  
SETS, Cellar Window—See Sets, Window, Cellar

### SETS, Chisel & Punch

Barrel Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
Chicago Tool & Kit Mfg. Co., 429 W. Superior, Chicago, Ill. "C-T-K"  
Millers Falls Co., Greenfield, Mass.  
Oxford Tool Co., 1633 N. 2nd, Phila., Pa.  
P. & C. Hand Forged Tool Co., Portland, Ore.  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Penn Tool Co., 713 N. Broad, Phila., Pa.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
Vichek Tool Co., 3006 E. 87th, Cleveland, O. "All-Purpose"

### SETS, Christmas Tree Lighting—See Outfits, Christmas Tree, Electric

### SETS, Cobblers'—See Outfits, Cobblers'

### SETS, Cocktail

Everedy Co., Frederick, Md. "Evercraft"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Manning, Bowman & Co., Meriden, Conn.  
Rome Mfg. Co. Div. Revere Copper & Brass, Inc., Rome, N. Y.  
West Bend Aluminum Co., West Bend, Wis.

### SETS, Console

Everedy Co., Frederick, Md. "Evercraft"  
Manning, Bowman & Co., Meriden, Conn.  
Rome Mfg. Co. Div. Revere Copper & Brass, Inc., Rome, N. Y.  
West Bend Aluminum Co., West Bend, Wis.

### SETS, Console, Receiving, Radio

Air King Products Co., Inc., 27 Hooper St., Bklyn., N. Y.  
Andrea Radio Corp., 48-02 48th Av., Woodside, Long Island, N. Y.  
Belmont Radio Corp., Chicago, Ill. "Freshman-Belmont"  
Carlson (Setchell) Inc., 2233 University Av., St. Paul, Minn.  
Continental Radio & Television Corp., 3800 W. Cortland, Chicago, Ill. "Admiral"  
Crosley Corp., 1329 Arlington, Cincinnati, O.  
Detrola Corp., 1501 Beard Av., Detroit, Mich. "Detrola"  
Electric Research Laboratories, 2222 W. Diversey Pkwy., Chicago, Ill. "Eria"  
Emerson Radio & Phonograph Corp., 111 8th Av., New York, N. Y.  
Fada Radio & Electric Co., Thompson Av. & 30th, Long Island City, N. Y.  
Farnsworth Television & Radio Corp., 3700 Pontiac, Fort Wayne, Ind.  
Galvin Mfg. Co., 847 W. Harrison, Chicago, Ill. "Motorola"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "GE"  
General Household Utilities Co., Chicago, Ill. "Apex," "Grunow"  
Gilfillan Bros., Inc., Los Angeles, Cal.  
Howard Radio Co., 1-81 Belmont Av., Chicago, Ill.  
Kadette Radio Corp., Ann Arbor, Mich.  
Noblett-Sparas Industries, Inc., Columbus, Ind. "Arvin"  
Philco Radio & Television Corp., Tioga & C, Phila., Pa. "Philco"  
Pierce-Airo, Inc., 440 Lafayette, New York, N. Y. "De Wald"  
Pilot Radio Corp., 37-06 36th, Long Island City, N. Y. "Pilot"  
RCA Mfg. Co., Camden, N. J. "Radiolette," "RCA-Victor," "Superette"  
Sentinel Radio Corp., 2020 Ridge Av., Evanston, Ill. "Sentinel"  
Simplex Radio Co., Sandusky, O.  
Sonora Radio & Television Corp., 2626 W. Washington Blvd., Chicago, Ill. "Sonora"  
Sparks-Withington Co., Jackson, Mich. "Spartan Equasone"  
Stewart-Warner Corp., 1828 Diversey Pkwy., Chicago, Ill. "Magic Keyboard"  
Stromberg-Carlson Tel. Mfg. Co., Rochester, N. Y.  
Tatro (L.) Products Corp., Decorah, Ia. "Tatro"  
United American Bosch Corp., Springfield, Mass. "America Bosch"  
Wells-Gardner & Co., 2701 N. Kildare Av., Chicago, Ill.  
Wilcox-Gay Corp., Charlotte, Mich.  
Zenith Radio Corp., 3620 Iron, Chicago, Ill.

### SETS, Cooking, Toy

Akro Agate Co., Clarksburg, W. Va.  
Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Aluminum Specialty Co., Manitowoc, Wis.  
Cass (N. D.) Co., Athol, Mass.  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
Parker Bros., Salem, Mass.  
Republic Stamping & Enameling Co., Canton, O.  
Taphin Mfg. Co., New Britain, Conn. (Beater & Bowl)  
Wagner Mfg. Co., Sidney, O.

### SETS, Cord, Electric

American Automatic Electric Sales Co., 1033 W. Van Buren, Chicago, Ill. "Ajax"  
Arrow-Hart & Hegeman Electric Co., Hartford, Conn. "Kantkink Elasticord"  
Belden Mfg. Co., Chicago, Ill. "No-Fray"  
Black M., 309 Cherry, Phila., Pa.  
Bosch Products Co., 639 Mission, San Francisco, Cal. "Bochord" (in wall)  
Bryant Elec. Co., Bridgeport, Conn. "Hemco"  
Bouigny (R. H.), Inc., Charlotte, N. C. "Dixie"  
Chicago Flexible Shaft Co., Chicago, Ill. "Sun-beam"  
Circle F. Mfg. Co., Trenton, N. J.  
Coleman Lamp & Stove Co., Wichita, Kan. "Coleman"  
Davis Mfg. Co., Plano, Ill. "Wrist-Action"  
Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
Eagle Electric Mfg. Co., Inc., 59 Hall, Bklyn., N. Y.  
Franklin Steel Wks., Joliet, Ill. "Kant Kink Elasticord" (With Stand)  
Gardella Mfg. Co., 9312 Cassius Av., Cleveland, O. "Roll-Up"  
Gem Electric Mfg. Co. Inc., 453 Broome, New York, N. Y. "Gem"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
Jiffy Electric Co., Inc., Hazel Park Station, Royal Oak, Mich.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Leviton Mfg. Co., 286 Greenpoint Av., Bklyn., N. Y. "Meteor"  
Lowell Insulated Wire Co., Lowell, Mass.  
Manning, Bowman & Co., Meriden, Conn.  
Marks Products Co., Inc., 80 N. 9th, Bklyn., N. Y. "Snapit"  
Mitchell Specialty Co., Holmesburg, Phila., Pa. "Irenease Reel"  
National Electric Appliance Corp., 69 Cordon Av., Providence, R. I. "Endurance"  
Noma Electric Corp., 55 W. 13th, New York, N. Y. "Noma"  
Paulding (John I.), Inc., New Bedford, Mass.  
Royal Electric Co. Inc., 91 Grand Av., Pawtucket, R. I. "Royal"

Samson-United Corp., Rochester, N. Y.  
Union Insulating Co., Parkersburg, W. Va.  
United Elastic Corp., Heater Cord Div., Easthampton, Mass. "Elasticord" (With Stand)  
U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usalite"  
United States Rubber Co., 1230 6th Av., New York, N. Y. "Rubco"  
Waage Mfg. Co., 3982 W. Barry Av., Chicago, Ill. "Spring-Act-O"  
Winsted Hdw. Mfg. Co., Winsted, Conn. "Dura-bilt"

### SETS, Crayon

Standard Toykraft Products, Inc., 319 McKibben, Bklyn., N. Y.  
Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"

### SETS, Croquet—See Games, Croquet

### SETS, Cutlery, Kitchen

American Stainless Knife Co., Chicago, Ill.  
Baker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Murphy's (Robert) Sons Co., Ayer, Mass.  
P. M. C. Mfg. Co., Phenicia, N. Y.  
Remington Arms Co., Inc., Bridgeport, Conn. "Kleanblade"  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Kingwood," "Russell"  
Utica Cutlery Co., Utica, N. Y. "Handi-Set," "Utica"  
Wallace Bros., Wallingford, Conn. "W.B.W."

### SETS, Desk

Eversharp Shear Co., 50 Hicks, Bridgeport, Conn.  
Manning, Bowman & Co., Meriden, Conn.  
Remington Arms Co., Inc., Bridgeport, Conn.  
Wiss (J.) & Sons Co., 33 Littleton Av., Newark, N. Y. "Wiss"

### SETS, Door, Screen

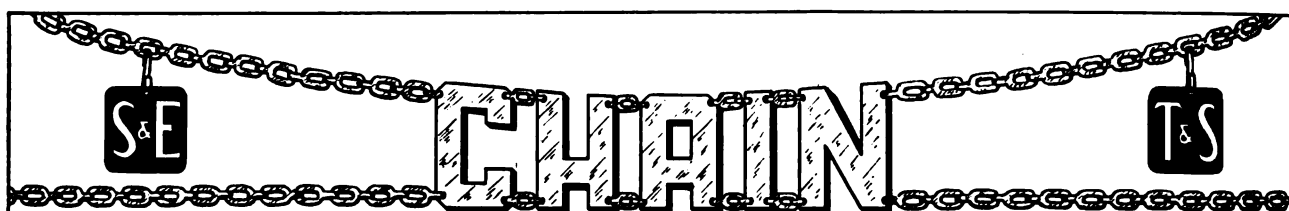
Bommer Spring Hinge Co. 263 Classon Av., Bklyn., N. Y.  
Corbin, P. & F., New Britain, Conn.  
Fernald Mfg. Co., North East, Pa.  
Fiwale Equipment Mfg. Co., 64 Reade, New York, N. Y.  
Frantz Mfg. Co., Sterling, Ill.  
Griffin Mfg. Co., Erie, Pa. "Perfection"  
Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo.  
Lawrence Bros., Sterling, Ill.  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Mfg. Co., Sterling, Ill.  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
Sharon Hardware Mfg. Co., Sharon, Pa.  
Shelby Metal Products Co., Shelby, O.  
Shelby Spring Hinge Co., Shelby, O.  
Stanley Wks., New Britain, Conn.  
Wagner Mfg. Co., Cedar Falls, Ia.

### SETS, Drill

Alvord-Polk Tool Co., Millersburg, Pa.  
Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O. "Cle-Forge"  
Etna Twist Drill Co., Taunton, Mass.  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
Keystone Reamer & Tool Co., Millersburg, Pa.  
Morse Twist Drill & Mach. Co., New Bedford, Mass.  
National Twist Drill & Tool Co., 6522 Brush, Detroit, Mich.  
New Process Twist Drill Co., Taunton, Mass.  
Standard Tool Co., Cleveland, O. "Red Shield"  
Syracuse Twist Drill Co., Syracuse, N. Y.  
Union Twist Drill Co., Athol, Mass.  
Whitman & Barnes, Inc., Detroit, Mich.

### SETS, Fireplace

Adams Co., Dubuque, Ia.  
American Windshield & Specialty Co., 442 Boston Post Rd., Milford, Conn. "Puritan"  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Cahill Co., Chattanooga, Tenn.  
Centre Brass Works, Inc., 72 Spring, New York, N. Y.  
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.  
Clark (H. W.) Co., Mattoon, Ill.  
Colonial Brass Co., Middleboro, Mass.  
Cutter Mfg. Co., 12 Ames, Cambridge, Mass.  
Homer Furnace Co., Coldwater, Mich.  
Howes (S. M.) Co., Boston, Mass.  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
Nelson (L. R.) Mfg. Co., Peoria, Ill. "Hearth-Kit"  
Ohio Foundry & Mfg. Co., Steubenville, O.  
Peerless Mfg. Corp., Louisville, Ky.  
Rostand Mfg. Co., Milford, Conn.  
Sheffield Mfg. Co., 119 W. 25th, New York, N. Y.  
Swett (A. L.) Iron Wks., Medina, N. Y.  
Wayne Agricultural Wks., Inc., Goldsboro, N. C.  
Weber (M.) Co., Dayton, O.  
Weidman Mfg. Co., Inc., 168 Centre, New York, N. Y.



## SINGLE JACK CHAIN



## DOUBLE JACK CHAIN



Furnished in Brass or Steel—14 sizes of single and eleven sizes of double Nos. 5 to 24.

For use where great strength is not required. Single links can also be furnished.

## UNIVERSAL CHAIN

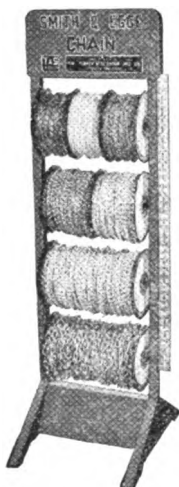


This is a patented link—ornamental, strong and as flexible as a piece of twine. Does not kink or snarl but is always free and pliable in any position. Will bend at all angles. Made in five sizes  $3/16"$  to  $1/2"$ .

## REGISTER CHAIN



Furnished in Brass or Steel—9 sizes, Nos. 10 to 22.

THIS CONVENIENT RACK  
STEPS UP CHAIN SALES

Your customers will buy more chain when it is constantly before their eyes. This handy rack conserves store space and makes chain selling a relatively simple and quick operation. Attractively finished in green enamel, the rack measures  $16" \times 54"$  and holds as many as 12 reels of chain. It also includes a useful yardstick. Retailers who use this rack heartily endorse its sales value.

## SAFETY CHAIN



Furnished in six sizes of Brass or Steel—Nos. 000 to 3.

## NAVY CHAIN

Available in five sizes of Brass or Steel—Nos. 2 to 6.

## CABLE CHAIN

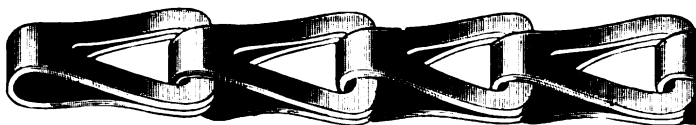


Furnished in a wide variety of styles and sizes of Steel, Brass and Copper. Is strong, runs freely and will not kink. Used as an oil carrier to lubricate bearings, for hanging counterweights.

## LADDER OR SPROCKET CHAIN



Available in twelve sizes of basic Steel, high tensile Steel or Brass. Ladder Chain differs from Sprocket Chain in that it is not held to a definite pitch and is not intended for use with sprockets. Nos. 12 to 22.

SASH CHAIN  
Bronze—All Sizes—Steel

## QUALITY MADE

Giant Metal Chain of special alloy bronze—unequaled for sash chain service.

Red Metal Chain—of a special bronze mixture. S & E Steel Sash Chain is approved by the National Board of Fire Underwriters. Made in all standard finishes.

FOR THE  
HARDWARE  
TRADE

No. 8 Sash Chain packed either 100 feet to bag or 100 feet to box—with fixtures.

No. 8 Copper Sash Chain packed in cartons complete with fixtures for individual windows.



For single sash weighing not more than, lbs.

## SIZES

New No.	Old No.	Gauge
65	xxxx	.072
60	AA	.062
50	A	.060
45	A30	.050
40	1	.042
35	2	.035
30	0	.028
25	00/042	.042
40	00	.035

**SMITH AND EGGE DIVISION**  
THE TURNER & SEYMOUR MFG. CO.  
TORRINGTON, CONN.

Mention Hardware Age When Writing

Digitized by Google

## SETS, Floral

American Fork & Hoe Co., Cleveland, O. "True Temper"  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Little Giant," "Little Farmer"  
Union Fork & Hoe Co., Columbus, O. "Union"  
SETS, Garage Hardware—See Garage Hardware Sets  
SETS, Garden, Tool—See Sets, Tool, Garden

## SETS, Garden, Toy

Arcade Mfg. Co., Freeport, Ill.  
Ennis Mfg. Co., Reading, Pa.  
Gardner Screw Corp., Gardner, Mass.  
Hills, Edwin, Plainville, Conn.  
Kingsbury Mfg. Co., Keene, N. H.  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
Newton-Thompson Co., Brandon, Vt.  
Ohio Art Co., Bryan, O.  
Transogram Co., Inc., 200 5th Av., New York, N. Y. "Gold Medal"

## SETS, Geology, Toy

Lab-Test Co., Reliance Bldg., Kansas City, Mo.

## SETS, Golf, Children's

Garton Toy Co., Sheboygan, Wis.  
Hilberich & Bradsby Co., Louisville, Ky.  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.

## SETS, Golf, Portable

Indian Archery & Toy Corp., Evansville, Ind.  
Van Golf Products Co., Fort Wayne, Ind. "Puttch"

## SETS, Kitchen—See Sets, Cutlery, Kitchen

## SETS, Laundry and Wash, Toy

Buffalo Toy & Stool Wks., 16 Carroll, Buffalo, N. Y. "Little Miss Wash-Tub"  
Cass (N. D.) Co., Athol, Mass.  
Gem Mfg. Corp., Bascom, O.  
Mann (Lewis M.) & Son, West Paris, Me.  
Mason & Parker Mfg. Co., Winchendon, Mass.  
Newton-Thompson Co., Brandon, Vt.  
Wolverine Supply & Mfg. Co., Pittsburgh, Pa. "Sandy Andy"

## SETS, Lock—See Locks, Sets, Door and House

## SETS, Manicure

Clause Shear Co., Fremont, O.  
Griffon Cutlery Works, 151 W. 19th, New York, N. Y. "Griffon"  
Henkel Co., Fremont, O.  
Hollinger Cutlery Co., Fremont, O.  
Salm Mfg. Co., Torrance, Cal.  
Schnel Bros., 684 S. 17th, Newark, N. J. "Lo Crown"  
Wiss (J.) & Sons Co., 33 Littleton Av., Newark, N. J. "Wiss"

## SETS, Midget, Receiving, Radio

Air King Products Co., Inc., 27 Hooper, Bklyn., N. Y.  
Andrea Radio Corp., 48-02 48th Av., Woodside, Long Island, N. Y.  
Belmont Radio Corp., Chicago, Ill. "Freshman-Belmont"  
Carlson (Setchell) Inc., 2233 University Av., St. Paul, Minn.  
Continental Radio & Television Corp., 3800 W. Cortland, Chicago, Ill. "Admiral"  
Crosley Corp., 1329 Arlington, Cincinnati, O.  
Detrola Corp., 1501 Beard Av., Detroit, Mich. "Detrola Pee Wee"  
Electric Research Laboratories, 2222 W. Diversey Pkwy., Chicago, Ill. "Erla"  
Emerson Radio & Phonograph Corp., 111 8th Av., New York, N. Y.  
Fada Radio & Elec. Co., Thompson Av. & 30th, Long Island City, N. Y.  
Farnsworth Television & Radio Corp., 3700 Pontiac, Fort Wayne, Ind.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "GE"  
General Household Utilities Co., Chicago, Ill. "Grunow"  
Giffill Bros., Inc., Los Angeles, Cal.  
Howard Radio Co., 1731 Belmont Av., Chicago, Ill.  
Kadette Radio Corp., Ann Arbor, Mich.  
Monarch Sales Co., Inc., 261 Fifth Av., New York, N. Y. "Freud-Eisemann"  
Noblitt-Sparks Industries, Inc., Columbus, Ind. "Arvin"  
Philco Radio & Television Corp., Tioga & C. Phila., Pa. "Philco"  
Pierce-Airo, Inc., 440 Lafayette, New York, N. Y. "De Wald"  
Pilot Radio Corp., 37-06 36th, Long Island City, N. Y. "Pilot"  
RCA Mfg. Co., Camden, N. J. "RCA-Victor"  
Sentinel Radio Corp., 2020 Ridge Av., Evanston, Ill. "Sentinel"  
Simplex Radio Co., Sandusky, O.  
Sonora Radio & Television Corp., 2626 W. Washington Blvd., Chicago, Ill. "Sonora"  
Sparks-Withington Co., Jackson, Mich. "Sparton"  
Stewart-Warner Corp., 1828 Diversey Pkwy., Chicago, Ill. "Magic Keyboard"  
United American Bosch Corp., Springfield, Mass. "American Bosch"

Warwick Mfg. Corp., 1700 W. Washington Blvd., Chicago, Ill. "Troubador"  
Wilcox-Gay Corp., Charlotte, Mich.  
Zenith Radio Corp., 3620 Iron, Chicago, Ill.

## SETS, Nail

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Blu-Forge," "Cant-Rol"  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Buck Bros., Millbury, Mass.  
Damascus Steel Products Corp., Rockford, Ill. "Dasco"  
Deuse, J. S., Chester, Conn.  
Ennis Mfg. Co., Reading, Pa.  
Marcy Tool Wks., Putnam, Conn.  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
Millers Falls Co., Greenfield, Mass.  
Oxford Tool Co., 1633 N. 2nd, Phila., Pa.  
Plomb Tool Mfg. Co., Los Angeles, Cal.  
Ritter-Carlton Co., Inc., 373 4th Av., New York, N. Y.  
Stanley Tools Div. of Stanley Works, New Britain, Conn. "Defiance," "Stanley"  
Starrett (L. S.) Co., Athol, Mass.  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
Swan (James) Co., Seymour, Conn.  
Syracuse Twist Drill Co., Syracuse, N. Y. "Norol"  
Trimble & Fink Mfg. Co., Inc., Baltimore, Md.  
Tuck Mfg. Co., Brockton, Mass. "Sure Grip"  
Union Tool Co., Orange, Mass.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."

## SETS, Painting, Children's—See Outfits, Painting, Children's

## SETS, Police, Toy

Gardner Screw Corp., Gardner, Mass.  
Transogram Co., 200 Fifth Av., New York, N. Y.

## SETS, Radio-Phonograph, Combination

Crosley Corp., 1329 Arlington, Cincinnati, O.  
Detrola Corp., 1501 Beard Av., Detroit, Mich. "Detrola"  
Emerson Radio & Phonograph Corp., 111 8th Av., New York, N. Y.  
Farnsworth Television & Radio Corp., 3700 Pontiac, Fort Wayne, Ind.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "GE"  
Noblitt-Sparks Industries, Inc., Columbus, Ind. "Arvin"  
RCA Mfg. Co., Camden, N. J. "RCA-Victor"  
Sentinel Radio Corp., 2020 Ridge Av., Evanston, Ill.  
Sonora Radio & Television Corp., 2626 W. Washington Blvd., Chicago, Ill. "Sonora"  
Sparks-Withington Co., Jackson, Mich.  
Zenith Radio Corp., 3620 Iron, Chicago, Ill.

## SETS, Refreshment

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
Everedy Co., Frederick, Md. "Evercraft" (Cocktail)  
Napier Co., 389 Fifth Av., New York, N. Y. (Cocktail)  
West Bend Aluminum Co., West Bend, Wis.  
Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

## SETS, Rivet

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
Cleveland Steel Tool Co., Cleveland, O.  
Drew (C.) & Co., Kingston, Mass.  
Eylet Tool Co., Boston, Mass.  
Henderer's (A. L.) Sons, Wilmington, Del.  
Independent Pneumatic Tool Co., Chicago, Ill.  
Iron City Tool Wks., Pittsburgh, Pa.  
Johnson (William), Inc., 36 Brenner, Newark, N. J.  
Krauter & Co., Inc., 583 18th Av., Newark, N. J.  
Manufacturers' Belt Hook Co., Chicago, Ill. "L-X"  
Mound Tool Co., 1203 S. 7th, St. Louis, Mo.  
Osborne (C. S.) Co., Harrison, N. J.  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Plomb Tool Co., Los Angeles, Cal.  
Sayre (L. A.) Co., 332 Mulberry, Newark, N. J.  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill. "Steelcraft"  
United States Tool Corp., Louisiana, Mo.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
Warwood Tool Co., Wheeling, W. Va.

## SETS, Salad

Almo Trading & Imp. Co., Inc., 3 W. 18th, New York, N. Y. (Imported)  
Bromwell Wire Goods Co., Cincinnati, O.  
Robinhood Wood Products, Inc., 1259 E. 33rd, Los Angeles, Cal. "Robinhood Ware"

## SETS, Saw

Atkins (E. C.) & Co., Indianapolis, Ind. "A-Z," "Criterion"  
Bergman Tool Mfg. Co., Buffalo, N. Y.  
Central Hardware Co., Phila., Pa.  
Covel-Hanchett Co., Big Rapids, Mich.

Decker (E. F.) Saw Works, Albany, N. Y.  
Diaston (Henry) & Sons, Inc., (Tacony), Phila., Pa. "Monarch," "Triumph"  
Franklin Tool Co., Buffalo, N. Y.  
Johnson (William), Inc., 36 Brenner, Newark, N. J.  
Manco Mfg. Co., Bradley, Ill.  
Millers Falls Co., Greenfield, Mass.  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Pennsylvania Saw Corp., York, Pa. "Penn State"  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Sandvik" (Swedish)  
Sargent & Co., New Haven, Conn. "Alken," "S. & Co."  
Sayre (L.A.) Co., 332 Mulberry, Newark, N. J. "Peerless"  
Simonds Saw & Steel Co., Fitchburg, Mass.  
Stanley Tools Div. of Stanley Works, New Britain, Conn. "Defiance," "Stanley"  
Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escapo" (Pistol Grip)  
Taintor Mfg. Co., 105 Duane, New York, N. Y. "Natural Grip," "Positive"

## SETS, Scraper, Painter's

Smith (Landon, P.), Inc., 130 Coit, Irvington, N. J. "Red Devil"

## SETS, Sewing, Toy

Bradley (Milton) Co., Springfield, Mass.  
Parker Bros., Inc., Salem, Mass.  
Standard Toykraft Products, Inc., 319 McKibbin, Bklyn., N. Y.  
Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"

## SETS, Smokers'

Chicago Flexible Shaft Co., Chicago, Ill. "Smoke-master"  
Everedy Co., Frederick, Md. "Evercraft"  
Napier Co., 389 Fifth Av., New York, N. Y. "Goofy Bird," "Safety"  
Seymour Products Co., Seymour, Conn.  
Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

## SETS, Socket Wrench

Allen Mfg. Co., Hartford, Conn.  
Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
Billings & Spencer Co., Hartford, Conn.  
Billmont Wrench Co., Chicago, Ill. "Billmont"  
Blackhawk Mfg. Co., Milwaukee, Wis.  
Duro Metal Products Co., 2651-51 N. Kildare Av., Chicago, Ill.  
Hartford Machine Screw Co., Hartford, Conn.  
Hinsdale Mfg. Co., 249 N. Wolcott, Chicago, Ill.  
Husky Tool Co., New Britain, Conn. "Husky"  
Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
Keystone Mfg. Co., Buffalo, N. Y. "Soc Ket"  
Larson Tool & Stamping Co., Attleboro, Mass.  
Lowell Wrench Co., Worcester, Mass. "Lowell"  
New Britain Mach. Co., New Britain, Conn. "None Better"  
Owatonna Tool Co., Owatonna, Minn. "O T C"  
P & C Hand Forged Tool Co., Portland, Ore.  
Quality Tools Corp., New Wilmington, Pa. "Old Forge"  
Sherman-Klove Co., Chicago, Ill.  
Stevens Walden, Inc., Worcester, Mass. "Pony"  
Thorsen Tool Co., San Francisco, Cal.  
Whitaker Mfg. Co., Chicago, Ill.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Supersocket"

## SETS, Soldering

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
Barrett, Wm. L., Bristol, Conn. "Handy"  
Nu-Tone Laboratories, Inc., 40 N. Wells, Chicago, Ill.  
Pfanstiehl Chemical Co., Waukegan, Ill. "Speco"

## SETS, Sugar & Cream

Everedy Co., Frederick, Md. "Evercraft"  
Kewaskum Aluminum Co., Kewaskum, Wis.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Manning, Bowman & Co., Meriden, Conn.  
Revere Copper & Brass, Inc., 230 Park Av., New York, N. Y.

## SETS, Table, Children's

Buckstaff Co., Oshkosh, Wis.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.  
Lehman Co. of America, Cannelton, Ind.  
Paris Mfg. Co., So. Paris, Me.  
Pichers Sons, Inc., Louisville, Ky.  
South Bend Toy Co., So. Bend, Ind.  
Wallace Bros., Wallingford, Conn. "W.B.W."

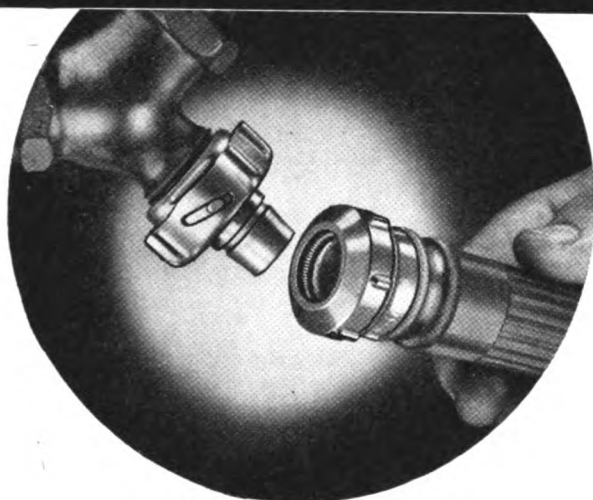
## SETS, Tea, Toy

Akro Agate Co., Clarksburg, W. Va. "Little American Maid"  
Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Aluminum Specialty Co., Manitowoc, Wis.  
Ohio Art Co., Bryan, O. "Mickey Mouse"  
Wolverine Supply & Mfg. Co., Pittsburgh, Pa. "Sandy Andy"

## SETS, Tool—See Kits, Tool



**A SALES SENSATION**  
*because Every User of*  
**Garden Hose Wants It!**



**BENDIX**  
**RED-CAP**  
**GARDEN HOSE COUPLING**

**SNAPS ON! SNAPS OFF!**  
**WON'T LEAK! WON'T SLIP!**  
**PREVENTS HOSE KINKING!**

**60¢** List  
 (Extra faucet ends, 25¢  
 Hose Ends, 35¢)

**H**ERE'S a unique item that's creating sensational sales wherever displayed. Dealers everywhere report it a fast-mover—repeat orders prove it!

The Bendix Red-Cap snaps on—water-tight!—won't leak! Can't pull apart!—yet it *swivels*, preventing hose kinks! Snaps off by giving collar a slight turn—can't come off accidentally! Immediately accepted by every garden hose user as a time-saving—temper-saving item.

Made in one style—one size. Fits any standard hose connection—easily installed—no tools needed. Packed one dozen in attractive display cartons. Extra faucet ends permit use of one coupling for several faucets.

Bendix Red-Cap appeals not only to home-owners but greenhouses, garages and many other diversified markets wherever garden hose is used. It's an *all-season* item giving ample year-round profits! Order a supply *today* from your hardware jobber or we will ship through our nearest jobber.

**ECLIPSE MACHINE DIVISION**

BENDIX AVIATION CORPORATION, ELMIRA, NEW YORK

**SEND  
THIS  
COUPON  
NOW!**

ECLIPSE MACHINE DIVISION  
 Bendix Aviation Corporation, Dept. 275, Elmira, N. Y.  
 Please send me full particulars about the Bendix Red-Cap  
 Garden Hose Coupling.

Name.....  
 Street Address.....  
 City..... State.....  
 Dealer ☐ Jobber ☐

**Here Is a Line of Quality Steel  
 Stamps That Will Sell Them-  
 selves for Repeat Orders—**

Cunningham Safety Stamps, when added to Mill and Shop Supply dealer's line of stock, are an incentive for more business from old customers, in addition to the securing of new customers.

**Both Light and Heavy Bevel "Safety" Stamps** have raised the standards so high that no other stamp can compare with their safety features and their 50% to 100% longer life. The fact that they will not mushroom, spall, or bend, regardless of how long they are used or how severe the stamping may be, makes Cunningham stamps the safest and most economical stamps on the market.



**Heavy Bevel Figures**  
 (With Box)

**Safety Stamps** are identified by the registered trade mark "SAFETY" and further protected by Patent No. RE 17846 which covers the alloy steel used only in Cunningham stamps.



**Heavy Light  
 Bevel Bevel**

**Heavy Bevel Safety Stamps** are suited for use in foundries, steel mills, or any stamping operation that is hard and continuous, and in which safety is an important feature.

**Light Bevel Safety Stamps** are 35% lighter than Heavy Bevel stamps. They are the ideal stamp for light stamping work, and where neatness and perfect alignment are essential factors. This is such work as found in the stamping of machines, plates, dies, etc.

**Wedge Grip Safety Stamps** are constructed for the maximum of service and safety. The wedge shape directs the full power of the hammer blow to the center thereby giving a deeper, clearer impression. At the same time, any strains or vibrations are eliminated, giving the stamp longer life.



**Wedge Grip Figures**

Sturdy wooden boxes are furnished with all complete sets.

We also manufacture and sell inspection hammers and symbol stamps; holders and type; other steel marking devices; metal and paper stencils; and, metal checks.

*Write for complete information and prices.*

**M. E. CUNNINGHAM CO.**

245 E. CARSON ST.

PITTSBURGH, PA.

**Mention Hardware Age When Writing**

Digitized by Google

**SETS, Tool, Garden**

Animal Trap Co. of America, Little, Pa. "Trump"  
C-K-R, Div. American Fork & Hoe Co., 1628 Euclid  
Av., Cleveland, O. "Cronk," "Little Giant"  
Kees (F. D.) Mfg. Co., Beatrice, Neb.  
Metal Products Corp., 510 First Av., West Haven,  
Conn. "Par-Plus"  
Southington Hdw. Co., Southington, Conn. "So-  
haco"  
Stanley Wks., New Britain, Conn.  
Union Fork & Hoe Co., Columbus, O. "Union  
Floral," "Union Flower," "Lover's Buddies"

**SETS, Tool, Hollow Handle**

Bergman Tool Mfg. Co., Buffalo, N. Y.  
Dikeman Mfg. Co., Norwalk, Conn.  
Millers Falls Co., Greenfield, Mass.  
Robinson (M. W.) Co., 28 Warren, New York, N. Y.  
Stanley Tools Div. of Stanley Works, New Britain,  
Conn.

**SETS, Tool, Radio**

North Bros. Mfg. Co., N. E. Cor. American and  
Lehigh Av., Phila., Pa. "Yankee"

**SETS, Waffle**

Bersted Mfg. Co., Fostoria, O.  
Dominion Electrical Mfg. Co., Mansfield, O.  
Manning, Bowman & Co., Meriden, Conn.  
Westinghouse Electric & Mfg. Co., Mansfield, O.

**SETS, Water, Insulated**

Landers, Frary & Clark, New Britain, Conn. "Stan-  
ley"

**SETS, Water, Vacuum**

American Thermos Bottle Co., Norwich, Conn.  
"Thermos"  
Landers, Frary & Clark, New Britain, Conn.  
"Universal"  
Manning, Bowman & Co., Meriden, Conn.

**SETS, Window, Cellar**

Champion Hardware Co., Geneva, O.  
Corbin, P. & F., New Britain, Conn.  
Frantz Mfg. Co., Sterling, Ill.  
Griffin Mfg. Co., Erie, Pa.  
Ives (H. B.) Co., New Haven, Conn.  
Lawrence Bros., Sterling, Ill.  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Mfg. Co., Sterling, Ill.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
"Russwin"  
Sargent & Co., New Haven, Conn.  
Sharon Hdw. Mfg. Co., Sharon, Pa.  
Shelby Metal Products Co., Shelby, Ohio.  
Shelby Spring Hinge Co., Shelby, O.  
Stanley Wks., New Britain, Conn.

**SETS, Wrench, Open End**

Armstrong Bros. Tool Co., 300 N. Francisco Av.,  
Chicago, Ill.  
Barcelo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
Bergman Tool Mfg. Co., Buffalo, N. Y.  
Bonney Forge & Tool Works, Allentown, Pa.  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
"Blu-Forge," "Bridgeport"  
Cornwell Quality Tools Co., Mogadore, O. "Corn-  
well"  
Danielson (J. P.) Co., Inc., Jamestown, N. Y.  
Duro Metal Products Corp., 2651-61 N. Kildare Av.,  
Chicago, Ill. "Duro Chrome"  
Fairmount Tool & Forging Co., 10611 Quincy Av.,  
Cleveland, O.  
Herbrand Co., Fremont, O.  
Hinsdale Mfg. Co., 249 N. Wolcott, Chicago, Ill.  
Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago,  
Ill. "Indestro"  
Krauter & Co., Inc., 575 18th Av., Newark, N. J.  
Owatonna Tool Co., Owatonna, Minn. "OTC"  
P & C Hand Forged Tool Co., Portland, Ore.  
Peck, Stow & Wilcox Co., Southington, Conn.  
"Pexto"  
Plomb Tool Co., Los Angeles, Cal.  
Quality Tools Corp., New Wilmington, Pa. "Old-  
Forge"  
Vichek Tool Co., 8006 E. 87th, Cleveland, O. "Fitz-  
All," "Star"  
Wild Drop-Forge & Tool Co., Kansas City, Mo.  
Williams (J. H.) & Co., 225 Lafayette, New York,  
N. Y. "Superench," "Superior"  
Wright Tool & Forge Co., Barberton, O.

**SETTEES, Iron—See Furniture, Garden, Lawn and**  
**Porch**

**SETTEES, Lawn—See Furniture, Garden, Lawn and**  
**Porch**

**SETTEES, Wire—See Furniture, Garden, Lawn and**  
**Porch**

**SETTERS, Plant**

Acme Mfg. Co., Traverse City, Mich. "Acme"  
Masters Planter Co., 4029-A W. Lake, Chicago, Ill.  
"Masters"

Owens (J. L.) Corp., Minneapolis, Minn.

**SEWAGE DISPOSAL—See Toilets, Waterless; also**  
**Tanks, Septic**

**SEWER AUGERS—See Augers, Closet & Sewer**

**SEWER SOLVENTS—See Solvents, Sewer**

**SEWING AWLS—See Awls, Sewing**

**SEWING MACHINES—See Machines, Sewing**

**SEWING MACHINES, Repair Parts For—See Re-**  
**pair, Sewing Machines**

**SEWING TOY SETS—See Sets, Sewing, Toy**

**SEWING TWINE—See Twine, Sewing**

**SHACKLE BOLTS—See Bolts, Shackle**

**SHACKLES, Anchor**

American Chain Div. American Chain & Cable Co.,  
Inc., Bridgeport, Conn.  
Bonney Forge & Tool Wks., Allentown, Pa.  
Cleveland Chain & Mfg. Co., Cleveland, O.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
(Drop Forged)  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
Merrill Bros., Maspeth, N. Y.  
Newhall Chain, Forge & Iron Co., 48 W. Broadway,  
New York, N. Y.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middle-  
town, Conn.

**SHACKLES, Chain**

American Chain Div. American Chain & Cable Co.,  
Inc., Bridgeport, Conn.  
Bonney Forge & Tool Wks., Allentown, Pa.  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
Carroll Chain Co., Columbus, O.  
Chain Products Co., 3224 Cooper Av., Cleveland, O.  
Cleveland Chain & Mfg. Co., Cleveland, O.  
Keystone Forging Co., Northumberland, Pa.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
(Drop Forged)  
McKay Company, Union Arcade, Pittsburgh, Pa.  
McMillan's (W. H.) Sons, 49 South, New York,  
N. Y.  
Malleable Iron Fittings Co., 10 Nichols, Branford,  
Conn.  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
Merrill Bros., Maspeth, N. Y.  
Newhall Chain, Forge & Iron Co., 48 W. Broadway,  
New York, N. Y.  
Ransome Concrete Mch. Co., Dunellen, N. J.  
Snow & Nealley Co., Bangor, Me. "Our Best,"  
Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-  
Made"  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Mid-  
dletown, Conn.

**SHACKLES, Wire Rope**

American Chain Div. American Chain & Cable  
Co., Inc., Bridgeport, Conn.  
American Steel & Wire Co., Rockefeller Bldg.,  
Cleveland, O.  
Daniel (Edward W.) Co., 4062 St. Clair Av., Cleve-  
land, O. (Drop-Forged)  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
(Drop Forged)  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middle-  
town, Conn.

**SHADE BRACKETS—See Rollers and Fixtures.**

**Shades**

**SHADE CLOTH—See Cloth, Window, Shade**

**SHADE CORD—See Cord, Shade**

**SHADE FIXTURES—See Rollers and Fixtures.**

**Shade**

**SHADEPULLS—See Pulls, Window Shade**

**SHADE ROLLERS—See Rollers and Fixtures.**

**Shade**

**SHADES, Lamp, Glass**

Anchor Hocking Glass Corp., 100 Fisher, Lan-  
caster, O.  
Imperial Glass Co., Bellaire, O.  
McKee Glass Co., Jeannette, Pa.  
Macbeth-Evans Glass Co., Div. Corning Glass Wks.,  
Charleroi, Pa.  
Technical Glass Co., Inc., 2050 E. 8th, Los Angeles,  
Cal. "Tegco"

**SHADES, Lamp, Mica**

Tar Heel Mica Co., Plumtree, N. C.

**SHADES, Lamp, Parchment and Silk**

Aldine Mfg. Co., 26 Bank, Phila., Pa.  
American Gas Machine Co., Inc., Albert Lea, Minn.  
Coleman Lamp & Stove Co., Wichita, Kans. "Cole-  
man"  
Flexo Products Corp., 1100 W. Washington Blvd.,  
Chicago, Ill.  
Kernes Mfg. Co., 411 S. Jefferson, Chicago, Ill.  
McKenny & Waterbury Co., 201 Devonshire, Boston,  
Mass.  
Railley Corp., 6611 Euclid Ave., Cleveland, O.  
Regent Mfg. Co., 1243 S. Wabash Ave., Chicago, Ill.  
Rindsberger Mfg. Corp., 18 E. 24th, Chicago, Ill.  
Sandel Mfg. Co., 3618 S. Loomis Pl., Chicago, Ill.  
Verplex Co., Essex, Conn.

**SHADES, Porch**

Aeroshade Co., Waukesha, Wis. "Aerolux" (Wood  
Slat)  
Duban Shade Corp., Rochester, N. Y.  
Hough Shade Corp., Janesville, Wis. "Ra-Tox,"  
"Vudor"  
Shredwood Curtain Co., Worcester, Mass.  
Simon Ventilator Co., 101 Park Av., New York,  
N. Y.  
Warren Shade Co., Minneapolis, Minn.

**SHADES, Window**

Bailey & Weston, Boston, Mass.  
Cloday Corp., 1209 Dayton, Cincinnati, O. "Cloday,"  
"Fabray," "Fab-Tex," "Shademoire"  
Columbia Mills, Inc., 225 5th Av., New York, N. Y.  
DuPont (E. I.) de Nemours & Co., Newburgh,  
N. Y. "DuPont," "Tontine"  
Harmon (F. S.) Co., Tacoma, Wash.  
Hartshorn, Stewart Co., 250 5th Av., New York,  
N. Y.  
Hough Shade Corp., Janesville, Wis.  
Volker (Wm.) & Co., Kansas City, Mo.  
**SHAFT COUPLERS—See Couplers, Shaft**  
**SHAFT EYES—See Eyes, Pete & shaft**

**SHAFTS, Buggy, Carriage and Wagon**

Sparta Spoke Factory, Inc., Sparta, Tenn.

**SHAFTS, Golf**

American Fork & Hoe Co., Geneva, O. "True  
Temper" (Steel)  
Horton Mfg. Co., Bristol, Conn. "Bristol"  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Union Hdw. Co., Torrington, Conn. (Steel)

**SHAKERS, COCKTAIL—See Mixers, Cocktail**

**SHAKERS, Pepper—See Shakers, Salt and Pepper**

**SHAKERS, Salt and Pepper**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Aluminum Specialty Co., Manitowoc, Wis.  
Anchor Hocking Glass Corp., 100 Fisher, Lan-  
caster, O.  
Imperial Metal Mfg. Corp., 38-01 Queens Blvd.,  
Long Island City, N. Y. "Peppal"  
Kreamer (A.) Inc., 307 Kent Av., Bklyn, N. Y.  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
Manning, Bowman & Co., Meriden, Conn.  
National Enameling & Stamping Co., 270 N. 12th,  
Milwaukee, Wis. "Nesco Handiset," "Salto-Pepp"  
Owens-Illinois Glass Co., Toledo, O. "Tea Time"  
Peoria Metal Specialty Co., Peoria, Ill.  
Reynolds Spring Co., Molded Plastics Div., Jackson,  
Mich. "Bonnyware"  
Richardson Co., Lockland, O. "Richelain"  
Seed Filter & Mfg. Co., Inc., 343 B'way, New York,  
N. Y. "Sta-Dry"  
Standard Aluminum Co., Two Rivers, Wis.  
United States Glass Co., Pittsburgh, Pa.  
Washburn Company, Worcester, Mass.  
West Bend Aluminum Co., West Bend, Wis.  
Wright Accessories, Inc., 40 W. 25th, New York,  
N. Y.

**SHALLOW WELL WATER SUPPLY SYSTEMS**

—See Water Supply Systems, Deep and Shallow  
Well

**SHAMPOO FAUCETS—See Faucets, Shampoo**

**SHAPERS, Electric, Portable, Homecraft**

Arcade Mfg. Co., Freeport, Ill.  
Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich.  
"Atlas"  
Barnes (W. F. & John) Co., Rockford, Ill.  
Boice-Crane Co., 1730 Norwood Av., Toledo, O.  
"Boice-Crane"  
Carter (R. L.) Co., New Britain, Conn. "Carter"  
Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept.  
E.E., Chicago, Ill. "Handee"  
Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
Double A Products Co., Inc., Ann Arbor, Mich.  
Duro Metal Products Co., 2651-61 N. Kildare Av.,  
Chicago, Ill.  
Power King Tool Corp., 706 E. Market, Warsaw,  
Ind. "Power-king"  
Stanley Electric Tool Div., Stanley Works, New  
Britain, Conn.  
Unit Electric Tool Co., Inc., Syracuse, N. Y. "Unit"  
Walker-Turner Co., Inc., 595 Berckman, Plainfield,  
N. J. "Driver"  
Wallace (J. D.) & Co., 134 S. California Av., Chi-  
cago, Ill. "Workace"  
Yates-American Machine Co., Beloit, Wis.

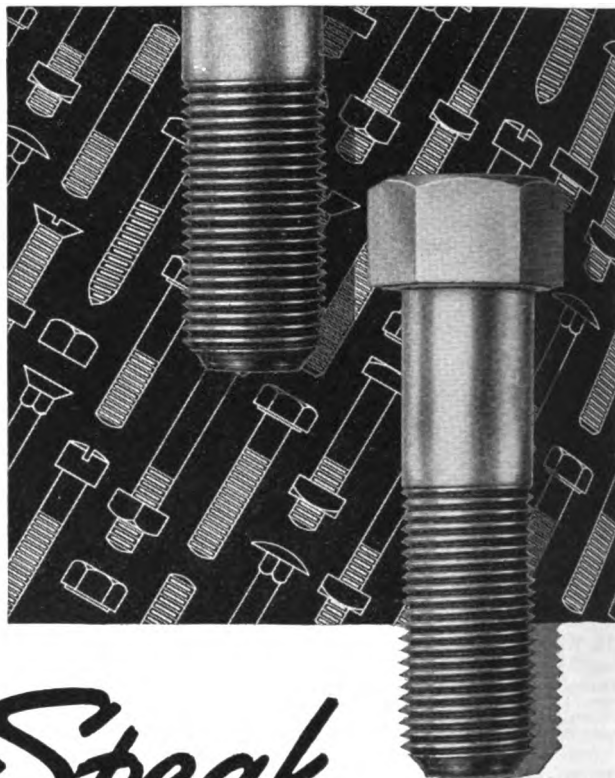
**SHARPENER, Saw Machine—See Machine, Saw**  
**Sharpener**

**SHARPENERS, Disc**

Murray Iron Wks. Co., Burlington, Ia. "Monarch"  
Rockford Mfg. Co., Rockford, Ill. "Ideal"

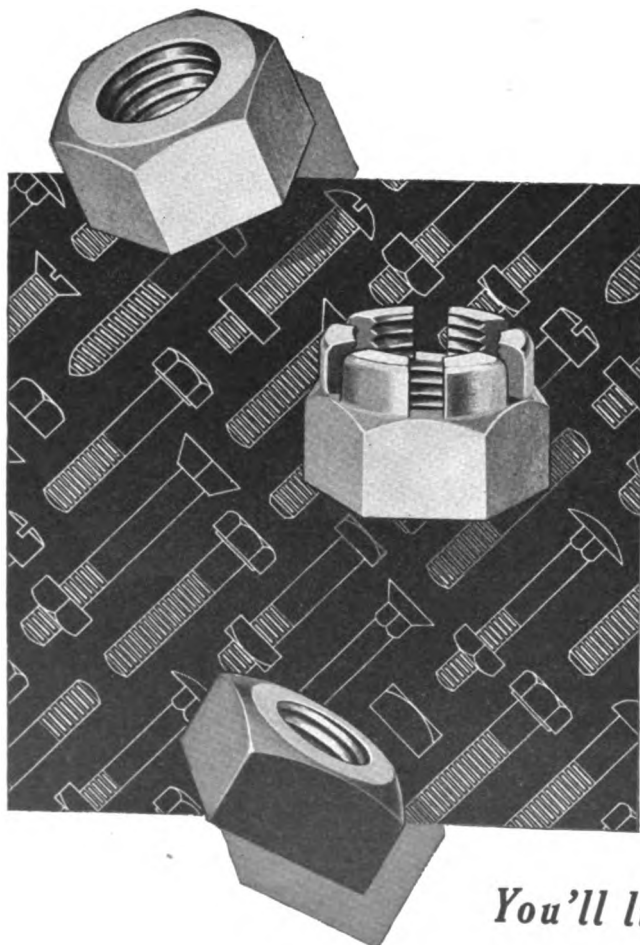
**SHARPENERS, Knife**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av.,  
Chicago, Ill.  
Abrasive Products, Inc., South Braintree, Mass.  
"Jewel"  
Acme Metal Goods Mfg. Co., 2 Orange, Newark,  
N. J.  
Ardmore Mfg. Co., 5082 Lincoln Av., Chicago, Ill.  
"Ardmore"  
Atlas-Ansonia Co., New Haven, Conn. "Rapid"  
Behr-Manning Corp., Troy, N. Y. "Kantbreak"  
Berea Abrasives Div. Cleveland Quarries Co., 1134  
Builders Exch. Bldg., Cleveland, O. "Beron,"  
"Beror"  
Carborundum Co., Niagara Falls, N. Y.  
Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
"Eversharp"  
Chatillon (John) & Sons, 85 Cliff, New York,  
N. Y. "Duplex"  
Dasey Churn & Mfg. Co., St. Louis, Mo. "Sharpt"  
De Sanno (A. P.) & Son, Wheatland, Phoenixville,  
Pa. "Rodiac"  
Durham Duplex Razor Co., Mystic, Conn.  
Edlund Co., Burlington, Vt. "Edlund," "Sure Sharp"



# *Let Profits Speak*

**for your wisdom in selling TRIPLEX Products**



Show your customers the economy of using TRIPLEX Cap Screws and Bolts, and they'll follow through with profit-bearing repeat orders.

Economies start in their stock rooms and carry through to their finished products when TRIPLEX clean ready-to-use bolts, nuts, set screws and cap screws demonstrate their uniform quality, time-saving fit, and sturdy ability to take punishment.

TRIPLEX Quality is maintained through careful specification of steel, manufacture on modern machines and careful inspection. Save buyers valuable time—increase your profits—carry TRIPLEX Products regularly. Write us today for samples and prices.

## **THE TRIPLEX SCREW COMPANY**

5317 Grant Ave.

Cleveland, Ohio



*You'll like our policy of prompt shipments*

**Mention Hardware Age When Writing**

Digitized by Google



**SHARPENERS, Knife (Continued)**

Electric Sharpener Co., Stoughton, Mass. "Carbo-Diamond Grit"  
 Geller-Wilkinson Co., Owego, N. Y. "G.W." "Rite-Way"  
 Goodrich Grinding Wheel Co., Chicago, Ill. "Carbo Magneto," "So-Easy"  
 Katsinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Lake Mfg. Co., Clarendon, Va. "Little Wonder"  
 Leontonia Tool Co., Leontonia, O. "Sharp-Em-Quick"  
 Luther Grinder & Tool Co., Fond du Lac, Wis. "Jiffy"  
 Mayrin Mfg. Co., Medina, N. Y.  
 Modern Grinder Mfg. Co., Fond du Lac, Wis. "Gem"  
 National Sewing Machine Co., Belvidere, Ill. "Vindex"  
 Reliable Mfg. Co., New Haven, Conn.  
 Remington Arms Co., Inc., Bridgeport, Conn. (Stones & Steels)  
 Spengler-Loomis Mfg. Co., Chicago, Ill. "Kwick-sharp"  
 Sterling Grinding Wheel Co., Tiffin, O. "Sterlith," "Sterbon"  
 Technical Products Co., Pittsburgh, Pa. "Isenite," "Vee"  
 Turner & Seymour Mfg. Co., Torrington, Conn. "Monarch"  
 Washburn Company, Worcester, Mass.  
 Weck (Edward) & Co., Inc., 135 Johnson, Bklyn., N. Y. "Weck"  
 Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Blue Diamond," "Minalox," "Nifestone"  
 Wolf Mfg. Co., 4828 Hutchinson, Chicago, Ill.

**SHARPENERS, Lawn Mower, Hand**

Berghman Co., 1417 Washington Blvd., Maywood, Ill.  
 Carborundum Co., Niagara Falls, N. Y. "Carborundum"  
 Diamond Point Push Hoe Co., Inc., 4188 Union Pacific Av., Los Angeles, Cal.  
 Rench Mfg. Co., 16th & Junction Av., Racine, Wis.  
 Troy File Works, Troy, N. Y.

**SHARPENERS, Lawn Mower, Machine**

Doty, Henry H., 347 Central Av., Highland Park, Ill. "Hardings"  
 Fate-Root-Heath Co., 1333 High, Plymouth, O. "Ideal," "Peerless" (With Skate Sharpening Attachment)  
 Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Electrakeen," "Foley"  
 Lacey Mfg. Co., Bridgeport, Conn.  
 Savage Co., Greeneville, Tenn.  
 Yard-Man, Inc., 1410 W. Ganson, Jackson, Mich. "Yard-Man"

**SHARPENERS, Pencil**

Atlas-Ansonia Co., New Haven, Conn. "Aeroplane," "Anco," "Master," "Midget"  
 Automatic Pencil Sharpener Co., Chicago, Ill. "Dandy"  
 Eagle Pencil Co., 708 East 13th, New York, N. Y.  
 Gilbert (A. C.) Co., New Haven, Conn. "Boston Polar Cub" (Electric)  
 Graff (Geo. B.) Co., Cambridge, Mass. "Graffco"  
 Hunt (C. N.) Pen Co., Camden, N. J. "Boston"  
 North & Judd Mfg. Co., New Britain, Conn.  
 Spengler-Loomis Mfg. Co., Chicago, Ill.  
 Webster (F. S.) Co., Boston, Mass.

**SHARPENERS, Razor Blade**

Behr-Manning Corp., Troy, N. Y.  
 Blade Master, Inc., 90 West, New York, N. Y.  
 Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
 Crystal Stropper Co., Milton, Mass. "Crystal"  
 Maximax, Inc., 343 S. Dearborn, Chicago, Ill.  
 Monroe Specialty Co., Stamford, Conn.  
 Twinplex Products Co., 3400 Ravenswood Av., Chicago, Ill.  
 U. S. Abrasive Products, Inc., 1330 Jackson Blvd., Chicago, Ill. "Rex-O-Hone"  
 U. S. Specialty Mfg. Co., West Somerville, Mass. "Luxor"

**SHARPENERS, Scissors**

A & F Products, 1 W. 87th, New York, N. Y. "Edgem"  
 Behr-Manning Corp., Troy, N. Y.  
 Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
 Capewell Mfg. Co., 60 Governor, Hartford, Conn. "Capewell"  
 Carborundum Co., Niagara Falls, N. Y.  
 Dasey Churn & Mfg. Co., St. Louis, Mo. "Sharptit"  
 Geller-Wilkinson Co., Owego, N. Y. "G.W." "Rite-Way"  
 Lake Mfg. Co., Clarendon, Va. "Little Wonder"  
 Leontonia Tool Co., Leontonia, O. "Sharp-Em-Quick"  
 Luther Grinder & Tool Co., Fond du Lac, Wis. "Jiffy"  
 Technical Products Co., Pittsburgh, Pa. "Vee"  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.

**SHARPENERS, Skate**

(See also Grinders, Skates)

Behr-Manning Corp., Troy, N. Y.  
 Berghman Co., 1417 Washington Blvd., Maywood, Ill.  
 Ferrodowill Mfg. Co., St. Paul, Minn.  
 General Hdwe. Co., Milwaukee, Wis.

Johnson (Alfred) Skate Co., 2846 W. North Av., Chicago, Ill. "Alfreds"  
 Johnson (Nestor) Mfg. Co., 1900 N. Springfield, Chicago, Ill.  
 Luther Grinder & Tool Co., Fond du Lac, Wis.  
 Progressive Machinery Co., Minneapolis, Minn.  
 Troy File Wks., Troy, N. Y.  
 Union Hdwe. Co., Torrington, Conn.

**SHARPENERS, Tool**

Behr-Manning Corp., Troy, N. Y.  
**SHARPENING MACHINES, Safety Razor—See Sharpeners, Razor Blade**  
**SHARPENING STEELS—See Steels, Knife Sharpening**

**SHAVERS, Dry, Electric**

American Safety Razor Corp., 303 Jay, Bklyn., N. Y. "Ever-Ready," "Gem-Lectric"  
 Casco Products Corp., Bridgeport, Conn. "Casco 75"  
 Chicago Flexible Shaft Co., 5600 Roosevelt Rd., Chicago, Ill. "Sunbeam Shavemaster"  
 General Shaver Div. Remington-Rand, Inc., 136 James, Bridgeport, Conn. "Rand," "Remington," "Speedak"  
 Gillette Safety Razor Co., 15 W. 1st, Boston, Mass. "Gillette," "Kumpakt"  
 Knapp-Monarch Co., 3501 Bent, St. Louis, Mo. "Knapp"  
 Schick Dry Shaver, Inc., Stamford, Conn. "Captain," "Colonel," "Schick"  
 Williams (J. B.) Co., Glastonbury, Conn. "Roto-Shaver"

**SHAVERS, Ice**

Arcade Mfg. Co., Freeport, Ill.  
 Briddell (Chas. D.) Inc., Crisfield, Md. "Briddell"  
 Clawson Machine Co., Flagtown, N. J. "Jack Frost," "Snow Ball," "Snow King" (Electric & Hand Power)  
 Duffy Mfg. Co., Chicago, Ill.  
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"  
 Gliechrist Co., 236 Bank, Newark, N. J. "Yankee"  
 Gies & Nielson Nickel Wks., Troy, N. Y.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Littlestown Hdwe. & Fdry. Co., Littlestown, Pa.  
 North Bros. Mfg. Co., N. E. Cor. American and Lehigh Av., Phila., Pa. "Gem"  
 Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.  
 Storz (John) & Son, 210 Vine, Phila., Pa.  
 Stover Mfg. & Engine Co., Freeport, Ill. "Ideal"  
 Union Die Casting Co., Ltd., 2269 E. 51st, Los Angeles, Cal. "Igloo"  
 Wrightville Hdwe. Co., Wrightsville, Pa.

**SHAVES, Coopers'**

Mack Tool Co., Inc., East Rochester, N. Y. "D. R. Barton"  
 White (L. & I. J.) Co., Division of the Simmonds-Worden-White Co., Dayton, O.

SHAVES, Draw—See Knives, Drawing

**SHAVES, Spoke**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Shamrock" (British)  
 Herbert, A. E., 5221 Berkshire Rd., Detroit, Mich.  
 Johnson (William), Inc., 86 Brenner, Newark, N. J.  
 Stanley Tools Div., of Stanley Works, New Britain, Conn.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Ecoaco"  
 Swan (James) Co., Seymour, Conn.

SHAVING BRUSHES—See Brushes, Shaving

SHAVING MIRRORS—See Mirrors, Shaving

SHAVING SOAPS—See Soaps, Shaving

SHAVINGS, Steel—See Steel Wool

SHEARING MACHINES, Goat—See Shearing Machines, Sheep

**SHEARING MACHINES, Sheep**

(See also Shears, Hedge)

Chicago Flexible Shaft Co., Chicago, Ill. "Stewart"  
 Coates Clipper & Mfg. Co., Worcester, Mass.

**SHEARS, Bar and Serpentine Cutting**

Edwards (C. D.) Mfg. Co., Inc., Albert Lea, Minn.

**SHEARS, Barbers'**

Boker (H.) & Co., 101 Duane, New York, N. Y.  
 Compton (W. H.) Shear Co., 314 Camden, Newark, N. J. "Reliance"  
 Griffon Cutlery Works, 151 W. 19th, New York, N. Y. "Griffon"  
 Heinisch (R.) Sons Wks., 31 Littleton Av., Newark, N. J.  
 Henkel Co., Fremont, O.  
 Kinfolks, Inc., Little Valley, N. Y.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Schaaf & Good Co., Jackson, Fremont, O.  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**SHEARS, Bench**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Simonsen Iron Wks., Sioux Rapids, Ia.

**SHEARS, Compound Lever**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

**SHEARS, Flower Cutting**

Acme Shear Co., 150 Joseph, Bridgeport, Conn.  
 "Garden Pride"  
 Smith (Seymour) & Son, Inc., Oakville, Conn.  
 "Snap-Cut"  
 Ullman Co., Northampton, Mass. "De Luxe," "Wilt-Less"  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**SHEARS, Game**

Boker (H.) Co., Inc., 101 Duane, New York, N. Y.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"

**SHEARS, Grass**

Alliance Mfg. Co., Alliance, O. "Doo-Klip"  
 American Steel Box Co., 4600 Palmer, Chicago, Ill.  
 "Gardner's Special," "Lawn Trim"  
 Berridge Shear Co., Sturgis, Mich.  
 Boker (H.) & Co., Inc., 101 Duane, New York, N. Y. "Hy-Lo," "Klean-Clip," "Trenton"  
 Burns Mfg. Co., Syracuse, N. Y. (Serrated Edge)  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "CKR," "Special," "True-Kut"  
 Columbian Cutlery Co., Reading, Pa.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Ennis Mfg. Co., Reading, Pa.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "T. U. S." (British)  
 General Machine Co., Inc., 210 W. Michigan, Milwaukee, Wis. "Klip-Ezy"  
 Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "Wilkinson" (British)  
 Hancock Tool Mfg. Co., Hancock & Oxford, Phila., Pa.  
 Harris (D. P.) Hdwe. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast," "True Vermonter"  
 Heimerdinger (W. C.) Co., Inc., Louisville, Ky.  
 Heinisch (R.) Sons Wks., 31 Littleton Av., Newark, N. J.  
 Keiser Mfg. Co., Reading, Pa. "Western"  
 North Wayne Tool Co., Oakland, Me. "Little Giant"  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Penn Tool Co., 713 N. Broad, Phila., Pa. "Kut Quick"  
 Premier Tool Works, 3125 W. Harrison, Chicago, Ill.  
 Smith (Seymour) & Son, Inc., Oakville, Conn. "Clean Clipper," "Ezy-Cut," "Handy"  
 Village Blacksmith Folks, Watertown, Wis. "Gras-nip"  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss-Clipper"

**SHEARS, Hedge**

(See also Trimmers, Hedge)

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
 Boker (H.) & Co., 101 Duane, New York, N. Y. "Tree Brand"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "C-K-R," "Cronk," "True-Kut"  
 Clyde Cutlery Co., Clyde, O.  
 Columbia Cutlery Co., Reading, Pa.  
 Diston (Henry) & Sons (Tacony), Phila., Pa.  
 Ennis Mfg. Co., Reading, Pa.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Fraser" (British)  
 Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "Wilkinson" (British)  
 Hancock Tool Mfg. Co., Hancock & Oxford, Phila., Pa.  
 Heimerdinger (W. C.) Co., Inc., Louisville, Ky.  
 Heinisch (R.) Sons Wks., 31 Littleton Av., Newark, N. J.  
 Keiser Mfg. Co., Reading, Pa.  
 Penn Tool Co., 713 N. Broad, Phila., Pa.  
 Rosy's Accessories, Inc., 161 Perry, New York, N. Y. "Mastercraft"  
 Smith (Seymour) & Son, Inc., Oakville, Conn. "All Steel," "Essex," "Ezy-Cut," "Handy," "Lightning Clipper"  
 Unit Tool Co., Not Inc., Rock Island, Ill. "Multi-clip"  
 Village Blacksmith Folks, Watertown, Wis.  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Shock-Absorber"

**SHEARS, Hedge, Electric**

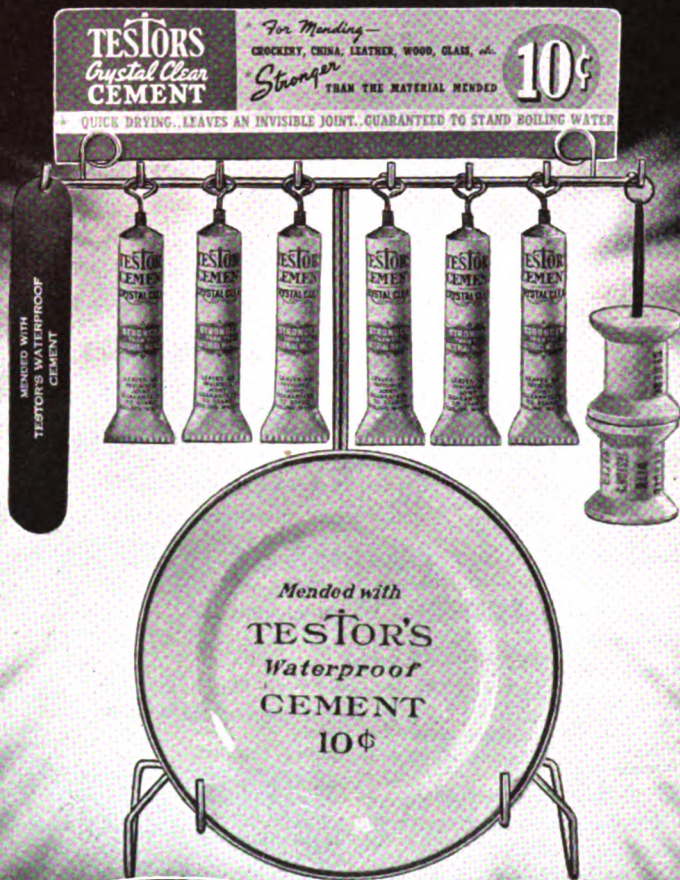
(See also Trimmers, Hedge, Electric)

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich. "Little Wonder"  
 Detco Mfg. Co., Oaks, Pa. "Little Wonder"  
 Skilsaw, Inc., 3310 Elston Av., Chicago, Ill. "Electric trimmer," "Whiz"  
 Syracuse Tool Electric Mfg. Corp., Syracuse, N. Y. "Hedge-shear"



# Nationally Advertised!

THIS DISPLAY WILL WIN YOU **EXTRA** PROFITS  
IN YOUR HOUSEWARES DEPARTMENT



**TESTOR'S CEMENT**  
IS NATIONALLY KNOWN AND  
PREFERRED... SELLS ALL-YEAR  
AROUND for MENDING CROCKERY,  
CHINA, GLASS, WOOD, etc.

## No. "2D" DEAL ... Includes:

3 Dozen No. 2 (10c) Testor Cement Tubes  
1 Cadmium-Plated Metal Display Stand  
1 Laminated 3-color Display Card  
Demonstration Material... consisting of  
mended plate, wooden spools, leather straps.

★

Testor's is the fastest-selling household cement on the market... shows you greater profit, both in turnover and mark-up, than any similar product.

SEE YOUR JOBBER NOW FOR COMPLETE DETAILS...

**TESTOR CEMENT CO., "The House of Adhesives", ROCKFORD, ILL.**

Makers of... TESTOR'S CEMENT • TESTOR'S LIQUID GLUE • TESTOR'S PAPER CEMENT •  
TESTOR'S MODEL AIRPLANE CEMENT • TESTOR'S METALLIC CEMENT... and other Adhesives



**HEARS, Kitchen**

erridge Shear Co., Sturgis, Mich.  
 Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
 Dayton Mfg. Co., Bristol, Conn.  
 Compton (W. H.) Shear Co., 314 Camden, Newark, N. J. "Reliance"  
 oughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"  
 rignon Cutlery Works, 151 W. 19th, New York, N. Y. "Kum-A-Part"  
 enkel Co., Fremont, O.  
 emington Arms Co., Inc., Bridgeport, Conn.  
 chaaf & Good Co., Jackson, Fremont, O.  
 nion Cutlery Co., Olean, N. Y.  
 iss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**HEARS, Lopping**

Boker (H.) & Co., 101 Duane, New York, N. Y.  
 Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
 J-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Crunk," "True-Kut"  
 Hartwright (J.) & Son, Malaga, Calif. "Malaga"  
 ston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 enry (J. T.) Mfg. Co., Camden, Conn.  
 eck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 orter (H. K.) Inc., Everett, Mass. "Forester," "HKP"  
 hollhorn (Wm.) Co., 416 Chapel, New Haven, Conn. "Lopwell," "Reachwell"  
 mith (Seymour) & Son, Inc., Oakville, Conn. "All-Steel," "Easy-Cut," "Redland," "Rockdale," "Snap-Cut," "Super-Cut"  
 iss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**HEARS, Metal, Electric, Portable**

Stanley Electric Tool Div., Stanley Works, New Britain, Conn. "Unishear"  
 an Dorn Electric Tool Co., Towson, Md. "Lectro-Shear"

**HEARS, Mule and Horse**

erridge Shear Co., Sturgis, Mich.  
 lye Cutlery Co., Clyde, O.  
 umberian Cutlery Co., Reading, Pa.  
 ompton (W. H.) Shear Co., 314 Camden, Newark, N. J. "Reliance"  
 arrie (D. P.) Hdwe. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast"  
 eimerding (W. C.) Co., Inc., Louisville, Ky.  
 eiser Mfg. Co., Reading, Pa.  
 anders, Frary & Clark, New Britain, Conn. "Universal"

**HEARS, Office**

Acme Shear Co., 150 Joseph, Bridgeport, Conn.  
 Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
 Compton (W. H.) Shear Co., 314 Camden, Newark, N. J. "Reliance"  
 erversharp Shear Co., 50 Hicks, Bridgeport, Conn.  
 enkel Co., Fremont, O.  
 anders, Frary & Clark, New Britain, Conn. "Universal"  
 emington Arms Co., Inc., Bridgeport, Conn.  
 chaaf & Good Co., Fremont, O.  
 iss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**HEARS, Paper Hangers**

Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
 lye Cutlery Co., Clyde, O.  
 Compton (W. H.) Shear Co., 314 Camden, Newark, N. J. "Reliance"  
 einisch (R.) Sons Wks., 31 Littleton Av., Newark, N. J.  
 enkel Co., Fremont, O.  
 lye Mfg. Co., Southbridge, Mass.  
 Varner Mfg. Co., 801 16th Av., S.E., Minneapolis, Minn.  
 iss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**HEARS, Pinking**

Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**HEARS, Pruning**

(See also Pruners, Tree)  
 American Logging Tool Co., Evert, Mich.  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
 Boker (H.) & Co., 101 Duane, New York, N. Y. "Duo-Kut," "Red-Wing," "Tree Brand"  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Buckeye," "Cartwright," "Crunk," "Draw-Cut," "Fresno," "True-Kut"  
 Chase Shear Co., Fremont, O.  
 lye Cutlery Co., Clyde, O. "Cartwright," "Sacramento," "Red Clipper"  
 umberian Cutlery Co., Reading, Pa.  
 ston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Mac" (French)  
 eimerding (W. C.) Co., Inc., Louisville, Ky.  
 einisch (R.) Sons Wks., 31 Littleton Av., Newark, N. J.  
 Barry (John T.) Mfg. Co., Hamden, Conn.  
 eck, Stow & Wilcox Co., Southington, Conn. "Pexto"

Porter (H. K.), Inc., Everett, Mass. "Gooseneck," "HKP," "Pointcut," "Twin-Cut"  
 Rhodes Mfg. Co., Grand Rapids, Mich.  
 Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn. "Bernard," "Draw Cut," "Edgeworth," "Faultless," "Lopwell," "Parrot Head," "Perfection," "Rainbow," "Reachwell"  
 Smith (Seymour) & Son, Inc., Oakville, Conn. "All-steel," "California," "Clipper," "Essex," "Easy-Cut," "Levin," "Redland," "Rockdale," "Snap-Cut," "Super-Cut," "Vineyard"  
 Tiffany, Carroll R., Conkila, N. Y.  
 Trimont Mfg. Co., Inc., Roxbury (Boston) Mass. "Trimo"  
 Village Blacksmith Folks, Watertown, Wis.  
 Voss Co., Inc., New Haven, Conn.  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Hy-Power"

**SHEARS, Sheep**

(See also Shearing Machines, Sheep)

Boker (H.) & Co., 101 Duane, New York, N. Y. "Trenton"  
 Columbian Cutlery Co., Reading, Pa.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "T. U. S." (British)  
 Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "BBA," "BBN," "Gidgee," "Wilkinson" (British)  
 Harris (D. P.) Hdwe. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast," "True Vermonter"  
 Heimerding (W. C.) Co., Inc., Louisville, Ky.  
 Kaiser Mfg. Co., Reading, Pa.  
 Village Blacksmith Folks, Watertown, Wis.

**SHEARS, Tailors'**

Compton (W. H.) Shear Co., 314 Camden, Newark, N. J. "Compton U-Set"  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"  
**SHEARS, Tanners'—See Snips, Tanners'**

**SHEARS**

(See also Scissors)

Acme Shear Co., 150 Joseph, Bridgeport, Conn.  
 "Acme," "Admiration," "Park City," "Puritan," "Colonial," "Lucky Seal," "America," "Hy-Test," "Sta-Rite"  
 Atlas Shear Co., 230 N. Av., Bridgeport, Conn.  
 Berridge Shear Co., Sturgis, Mich.  
 Boker (H.) & Co., 101 Duane, New York, N. Y. "Tree Brand"  
 Cattaraugus Cutlery Co., Little Valley, N. Y. "Mirical," "Seneca"  
 Clausen Shear Co., Fremont, O.  
 Clayton Mfg. Co., Bristol, Conn.  
 Compton (W. H.) Shear Co., 314 Camden, Newark, N. J. "Reliance"  
 Continental Mfg. Co., 702 6th Av., New York, N. Y.  
 Eversharp Shear Co., 50 Hicks, Bridgeport, Conn.  
 Griffon Cutlery Works, 151 W. 19th, New York, N. Y. "Griffon"  
 Heinisch (R.) Sons Wks., 31 Littleton Av., Newark, N. J.  
 Henkel Co., Fremont, O.  
 Hollinger Cutlery Co., Fremont, O.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Robeson Cutlery Co., Inc., Perry, N. Y.  
 Union Cutlery Co., Olean, N. Y.  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Wiss"

**SHEATHING, Building, Felt**

(See also Paper, Roofing, Building and Sheathing)

Barber Asphalt Corp., Barber, N. J. "Genasco"  
 Barrett Co., 40 Rector, New York, N. Y. "Jack Frost," "Nox-em-all," "Tomb"  
 Certain-teed Products Corp., 100 E. 42d, New York, N. Y.  
 Johns-Manville Corp., 22 E. 40th, New York, N. Y. "Keystone"  
 Newton Paper Co., Holyoke, Mass.  
 Ruberoid Co., 500 Fifth Av., New York, N. Y.  
 Union Fibre Co., Winona, Minn. "Linofelt"  
 Weaver-Wall Co., 3700 Brookpark Rd., Cleveland, O. "Peerless"

**SHEATHING NAILS—See Nails, Roofing****SHEATHING PAPER—See Paper, Roofing, Sheathing and Building****SHEATHS, Axe**

Brauer Bros., Inc., St. Louis, Mo. "Moose Brand"  
 Estwing Mfg. Co., Rockford, Ill.  
 Graton & Knight Co., Worcester, Mass.  
 Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marbles"  
 Rome Sporting Goods Mfg. Co., Rome, N. Y.

**SHEATHS, Knife**

Brauer Bros., Inc., St. Louis, Mo.  
 Graton & Knight Co., Worcester, Mass.  
 Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marbles"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Rome Sporting Goods Mfg. Co., Rome, N. Y.  
 Schoellkopf Co., Dallas, Tex.  
 Wveth Hdwe. & Mfg. Co., St. Joseph, Mo.

**SHEAVES, Sliding Door**

Corbin, P. & F., New Britain, Conn.  
 Garden City Plating & Mfg. Co., Chicago, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Greene (G. G.) Mfg. Co., Warren, Pa.  
 Kell (Francis) & Son, Inc., 401 E. 163d, New York, N. Y.  
 Knape & Vogt Mfg. Co., Grand Rapids, Mich.  
 National Lock Co., Rockford, Ill.  
 Parker (S.) Hdwe. Mfg. Corp., 27 Ludlow, New York, N. Y.  
 Sargent & Co., New Haven, Conn.  
 Western Block Co., Lockport, N. Y.

**SHEAVES, Wire and Manila Rope**

American Manganese Steel Co., 388 E. 14th, Chicago Heights, Ill.  
 Boston & Lockport Block Co., Boston, Mass.  
 Dobbie Foundry & Machine Co., Niagara Falls, N. Y. "Dobbie"  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Ney Mfg. Co., Canton, O.  
 Roebeling's (John A.) Sons Co., Trenton, N. J.  
 Starline, Inc., Harvard, Ill.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Western Block Co., Lockport, N. Y.  
 Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

**SHEEP BELLS—See Bells, Cow and Sheep****SHEEP CLIPPING MACHINES—See Clipping Machines, Sheep****SHEEP SHEARING CUTTERS—See Cutters, Sheep, Shearing****SHEEP SHEARING MACHINES—See Shearing Machines, Sheep****SHEEP SHEARS—See Shears, Sheep****SHEET FIBRE—See Fibre, Sheet****SHEET LEAD—See Lead, Sheet****SHEET METAL FERRULES—See Ferrules, Tin and Sheet Metal****SHEET METAL GAGES—See Gages, Sheet Metal; also Gages, Micrometer****SHEET METAL WORKING MACHINES—See Machines, Sheet Metal Working****SHEET METAL SCREWS—See Screws, Sheet Metal****SHEET METAL WORKERS' TOOLS—See Tools, Sheet Metal Workers'****SHEET ZINC—See Zinc, Sheet****SHEETS, Baking**

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
 Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro"  
 Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
 Katsinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill. "Ekco," "Ovenex"  
 Kreamer (A.), Inc., 307 Kent Av., Bklyn., N. Y.  
 Leyse Aluminum Co., Kewanee, Wis.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis.  
 Toledo Stamping & Mfg. Co., Toledo, O.  
 West Bend Aluminum Co., West Bend, Wis.

**SHEETS, Black**

American Rolling Mill Co., Middletown, O.  
 Apollo Steel Co., Apollo, Pa. (also corrugated)  
 Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Canonsburg Steel & Iron Works, Canonsburg, Pa.  
 Carnegie-Illinois Steel Corp., Pittsburgh, Pa. "USS" (also corrugated)  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal. "USS"  
 Continental Steel Corp., Kokomo, Ind.  
 Edwards Mfg. Co., Cincinnati, O.  
 Globe Iron Roofing & Corrugating Co., Inc., Newport, Ky.  
 Inland Steel Co., 38 S. Dearborn, Chicago, Ill.  
 Jessop Steel Co., Washington, Pa.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"  
 Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
 Mahoning Valley Steel Co., Niles, O. (also corrugated)  
 Milcor Steel Co., Milwaukee, Wis.  
 Newport Rolling Mill Co., Newport, Ky.  
 Otis Steel Co., Cleveland, O.  
 Parkersburg Iron & Steel Co., Parkersburg, W. Va. (also corrugated)  
 Reeves Steel & Mfg. Co., Dover, O. "Premier" (Also Copper Alloy)  
 Republic Steel Corp., Republic Bldg., Cleveland, O. (Steel, Copper Bearing Steel, Toncan Iron)  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 Sharon Steel Hoop Co., Sharon, Pa.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Taylor (N. & G.) Co., Cumberland, Md.  
 Tremont Nail Co., West Wareham, Mass.  
 Wheeling Corrugating Co., Wheeling, W. Va.  
 Wheeling Steel Corp., Wheeling, W. Va. "Cop-R-Loy," "Wheeling"  
 Wilkes Rolling Mill Co., Sharon, Pa. (also corrugated)  
 Youngstown Steel Products Co., Youngstown, O.

**SHEETS, Bronze**

Western Cartridge Co., East Alton, Ill. (Strips & Coils)





# DELCO WATER SYSTEMS

PRODUCT OF GENERAL MOTORS

*...Furnish  
Running Water  
Anywhere!*



**Customer satisfaction is your best assurance of profits.**

Delco Automatic Electric Water Systems for either shallow or deep wells are furnished in a wide range of capacities from 225 to 600 gallons per hour.

They have for years been known for their dependable, care-free service and economical operation, and are today giving complete satisfaction in thousands of farm and suburban homes.

If you want to get in on the profits, this rapidly expanding market for water systems is now offering. **Just sign the coupon below and get facts and figures.**

**DELCO APPLIANCE DIVISION**  
GENERAL MOTORS SALES CORPORATION  
ROCHESTER, N. Y.

ALSO MAKERS OF  INDIVIDUAL LIGHT AND POWER PLANTS

DELCO APPLIANCE DIVISION, General Motors Sales Corporation  
47 Lyell Avenue, Rochester, N. Y.  
Gentlemen: Please send me complete information on Delco Water Systems.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

# PORTER PRUNERS

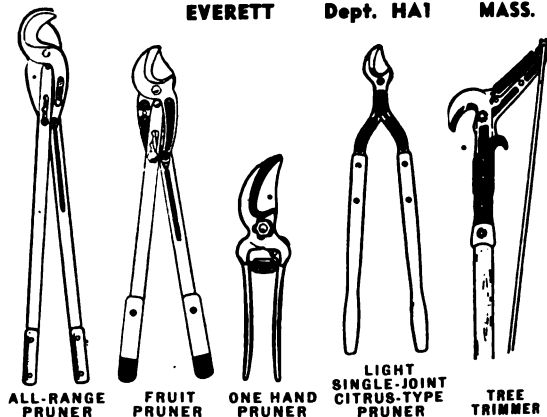


## A SCIENTIFICALLY DESIGNED LINE

A COMPLETE line designed for practical farm, orchard and forestry requirements. Built to cut and keep on cutting easily. Clean, non-crushing, quick-healing because both blades cut. Scientific multiple power design. Finest tempered steel. FORESTER cuts up to 2" green wood. Tree Trimmers especially designed for utilities. Write today for illustrated catalog giving uses, capacities and prices.

**H. K. PORTER, INC.**

EVERETT Dept. HA1 MASS.



ALL-RANGE PRUNER

FRUIT PRUNER

ONE HAND PRUNER

LIGHT SINGLE-JOINT CITRUS-TYPE PRUNER

TREE TRIMMER

# PORTER Cutters



Have you the Porter Catalog? It's a complete, illustrated handbook that gives all details of this reputable line — shows uses, sizes and capacities of every Porter Cutter—helps you sell these portable tools that furnish tremendous power and save time on tough jobs. Porter Cutters are guaranteed. They're nationally advertised. They've got what it takes to bring you good and consistent profits. Write for the catalog and stock the leaders.

SEND FOR CATALOG



**H. K. PORTER, INC.**  
Dept. HD, EVERETT, MASS., U. S. A.

**SHEETS, Cotton Picker**

Fulton Bag &amp; Cotton Mills, Inc., Atlanta, Ga.

**SHEETS, Galvanized**

American Rolling Mill Co., Middletown, O.  
 Apollo Steel Co., Apollo, Pa. (also corrugated)  
 Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Canonsburg Steel & Iron Wks., Canonsburg, Pa.  
 Carnegie-Illinois Steel Corp., Pittsburgh, Pa. "USS" (also corrugated)  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal. "USS"  
 Continental Steel Corp., Kokomo, Ind. "Konik"  
 Edwards Mfg. Co., Cincinnati, O.  
 Globe Iron Roofing & Corrugating Co., Inc., Newport, Ky.  
 Inland Steel Co., 38 S. Dearborn, Chicago, Ill.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J&L"  
 Klauer Mfg. Co., Dubuque, Ia.  
 La Belle Iron Works, Steubenville, O.  
 Lamb & Ritchie Co., Cambridge, Mass.  
 Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
 Mahoning Valley Steel Co., Niles, O.  
 Milcor Steel Co., Milwaukee, Wis. "Milcor" (Also Copper Alloy)  
 New Delphos Mfg. Co., Delphos, O.  
 Newport Rolling Mill Co., Newport, Ky.  
 Norcor Mfg. Co., Green Bay, Wis.  
 Ohio Galvanizing & Mfg. Co., Niles, O. (also corrugated)  
 Otis Steel Co., Cleveland, O.  
 Parkersburg Iron & Steel Co., Parkersburg, W. Va. (also corrugated)  
 Reeves Steel & Mfg. Co., Dover, O. "Premier" (Also Copper Alloy)  
 Republic Steel Corp., Republic Bldg., Cleveland, O. (Steel, Copper Bearing Steel, Toncan Iron)  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 Sharon Steel Hoop Co., Sharon, Pa.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Souther (E. E.) Iron Co., St. Louis, Mo.  
 Taylor (N. & G.) Co., Cumberland, Md.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala. "USS," "USS Tennessee"  
 Wheeling Corrugating Co., Wheeling, W. Va.  
 Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"  
 Youngstown Steel Products Co., Youngstown, O.

**SHEETS, Monel Metal and Nickel**

Apollo Metal Works Co., Clearing Station, Chicago, Ill.  
 Driver-Harris Co., Inc., Harrison, N. J.  
 International Nickel Co., Inc., 67 Wall, New York, N. Y. "Monel"

**SHEETS, Nickel Silver**

Western Cartridge Co., East Alton, Ill. (Strips &amp; Coils)

**SHEETS, Perforated**

Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**SHEETS, Steel, Planished and Polished**

American Nickeloid Co., Peru, Ill. (Chrome)  
 Apollo Metal Wks., Chicago, Ill. (Plated)  
 Bingham (J. E.) Mfg. Co., Lawrence, Mass.  
 Carnegie-Illinois Steel Corp., Pittsburgh, Pa. "USS"  
 Continental Steel Corp., Kokomo, Ind.  
 Follansbee Bros. Co., Follansbee, W. Va.  
 Harvey (Arthur C.) Co., Harvey Steel Rd., Boston, Mass.  
 Highway Steel Products Co., Chicago Heights, Ill.  
 Newport Rolling Mill Co., Newport, Ky.  
 Ohio Corrugating Co., Warren, O.  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 Weirton Steel Co., Weirton, W. Va.  
 Youngstown Steel Products Co., Youngstown, O.

**SHELF BOXES, Hardware—See Boxes, Shelf, Hardware****SHELF BRACKETS—See Brackets, Shelf****SHELF OILCLOTH—See Oilcloth, Table and Shelf****SHELF PAPER—See Paper, Shelf****SHELF RACKS—See Racks, Shelf****SHELF REACHERS—See Reachers or Longarms****SHELF RESTS—See Rests, Shelf****SHELF SUPPORTS—See Supports, Shelf****SHELF BAGS—See Bags, Ammunition****SHELF BELTS—See Belts, Cartridge****SHELF BOXES—See Boxes, Cartridge****SHELF EXTRACTORS—See Extractors, Shelf****SHELF FISH KNIVES—See Knives, Oyster & Clam****SHELF RECAPPERS—See Recappers, Shelf****SHELF LOADING TOOLS—See Tools, Loading, Cartridge and Shell****SHELF PRIMERS—See Primers, Cartridges and Shells****SHELLACS**

(See also Paints; also Varnishes)

Advance Paint Co., Indianapolis, Ind.  
 Ambassador Specialties, Inc., 6440 De Buel Av., Detroit, Mich. "Heart of Quality"  
 American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"  
 Atlantic Paint Mfg. Co., 100 Boylston, Boston, Mass. "Arma"  
 Berry Bros., Detroit, Mich.  
 Bowens (Frank) Co., Chelsea, Mass.  
 Bradshaw-Praeger Co., Chicago, Ill. "Certified"  
 Carpenter-Morton Co., Boston, Mass. "Carmote"  
 Central Paint & Varnish Works, 69 Prospect, New York, N. Y. "Cashellac"  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo. "Eureka"  
 De Mott & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 Indianapolis Varnish Co., Indianapolis, Ind.  
 International Metal Polish Co., Indianapolis, Ind. (Gasket)  
 Liquid Veneer Corp., Buffalo, N. Y.  
 Livingston Co., New Haven, Conn. "I. C. U."  
 Mac-Lac Co., Inc., 80 Cliff, New York, N. Y.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Monarch Products Co., Inc., Red Bank, N. J. "Monarch" (Gasket)  
 Permatex Co., Sheepshead Bay, N. Y.  
 Premier Chemical Co., Cleveland, O. "Norbo"  
 Reliable Leather Dressing Co., 48 Crescent, Long Island City, N. Y.  
 St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X" (Rim and Gasket)  
 Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O. (Also Rim & Gasket)  
 Sherwin-Williams Co., Cleveland, O.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
 Tomlinson Co., Lawrence, Mass. "Tomco"  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Valentines"  
 Van Cleef Bros., Woodlawn Av. to 78th, Chicago, Ill. "Dutch Brand" (Gasket)  
 Woodfinishing Products Co., 32 Industrial, New York, N. Y.  
 Zinsser (Wm.) & Co., 516 W. 59th, New York, N. Y. "Bullseye"

**SHELLERS, Corn**

Advance-Rumley Thresher Co., La Porte, Ind.  
 Appleton Mfg. Co., Batavia, Ill. "Badger," "Custom," "New Hero," "Royal"  
 Barnard & Leas Mfg. Co., Moline, Ill. "Victor"  
 Bartlett (C. O.) & Snow Co., Cleveland, O. "Triumph"  
 Bell (C. S.) Co., Hillsboro, O. "Bell"  
 Brinly-Hardy Co., Inc., Louisville, Ky. "Red Chief"  
 Brown-Manly Plow Co., Malta, O.  
 Buch Mfg. Co., Elizabethtown, Pa. "Cumberland Valley"  
 Cardwell Mach. Co., Richmond, Va. "Eureka," "Virginia"  
 Diamond Huller Co., Winona, Minn. "Diamond"  
 Donaldson Bros., Mt. Clemens, Mich. "Spring Valley"  
 Eagle Mach. Co., Lancaster, O. "Home," "Improved"  
 Farquhar (A. B.) Co., Ltd., York, Pa. "Clinton," "Eclipse," "Lancaster," "Root"  
 Fate-Root-Heath Co., 1833 High, Plymouth, O.  
 "Little Giant," "Never Fail," "R. & H."  
 Freeman Mfg. Co., Racine, Wis. "Acme"  
 Hocking Valley Mfg. Co., Lancaster, O.  
 Howell (R. R.) & Co., Minneapolis, Minn. "North Star"  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering"  
 Joliet Mfg. Co., Joliet, Ill. "Big 4 Dustless," "Eureka Ironsides," "New No. 1 Dustless," "New No. 2 Dustless," "Rural Ironsides," "Shredder's Ironsides"  
 King & Hamilton Co., Ottawa, Ill. "Ottawa C," "Ottawa D," "Ottawa F"  
 Klauer Mfg. Co., Dubuque, Ia. "Star"  
 Marselles Co., East Moline, Ill. "Adams," "Cyclone," "Deere Shoeless," "Dustless," "John Deere"  
 Mountville Mfg. Co., Mountville, Pa. "Boss," "Champion," "Climax," "Hero," "Maine," "Perfection," "Pony," "Rover"  
 Mundie Mfg. Co., Peru, Ill. "Cow Boy"  
 Nurdyke & Marmon Co., Indianapolis, Ind. "Eagle," "Western"  
 Patch (A. H.), Inc., Clarksville, Tenn. "Black Hawk," "Pony"  
 Port Huron Engine & Thresher Co., Port Huron, Mich. "Baby," "Tractor Special"  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Sandwich Mfg. Co., Sandwich, Ill. "Corn King," "Hummer," "Stockman," "Veteran"  
 Sidney Grain Machy. Co., Sidney, O.  
 Sprout, Waldron & Co., Muncy, Pa.  
 Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Av., Newark, N. J. "Ever-Ready," "Rapid"  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Tiffin Wagon Co., Tiffin, O. "A.B.C.," "Challenge," "Farmer," "Favorite," "O. K."  
 White's (S. E.) Sons, Norfolk, Va. "Buckeye," "Defender," "Favorite," "Valley Chief"  
 Wistrand Mfg. Co., Galva, Ill. "Blue Star"

**SHELLERS, Pea and Bean**

Conco Engineering Wks., Mendota, Ill. "Heavy"  
 Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"

Holmes Mfg. Co., Los Angeles, Cal.  
 Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
 Rival Mfg. Co., Kansas City, Mo.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 "Blue Streak"  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. (Combination Sheller & Slicer)

**SHELLERS, Pop Corn**

Bell (C. S.) Co., Hillsboro, O. "Bell"  
 Hocking Valley Mfg. Co., Lancaster, O.  
 SHELL WADS—See Wads, Shot Shell

**SHELLS, Shot Gun, Empty**

Federal Cartridge Corp., Minneapolis, Minn.  
 Peters Cartridge, Div. Remington Arms Co., Inc., 939 Barnum Av., Bridgeport, Conn.  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 U. S. Cartridge Co., Div. Winchester Repeating Arms Co., New Haven, Conn.  
 Western Cartridge Co., Dept. 50, East Alton, Ill.  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

**SHELLS, Shot Gun, Loaded**

Federal Cartridge Corp., Minneapolis, Minn. "A Grade," "Hi-Power," "Monarch," "Reliable," "XL"  
 Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Av., Bridgeport, Conn. "Cement Plant," "De Luxe," "High Velocity," "Victor"  
 Remington Arms Co., Inc., Bridgeport, Conn. "Arrow Express," "Arrow Specified," "Kleanbore," "Nitro Express," "Shur Shot"  
 U. S. Cartridge Co., Div. Winchester Repeating Arms Co., New Haven, Conn. "Ajax," "Ajax Heavies," "Climax," "Climax Heavies," "Defiance," "Romax"  
 Western Cartridge Co., Dept. 50, East Alton, Ill. "Record," "Super-X," "Xpert"  
 Winchester Repeating Arms Co., New Haven, Conn. "Leader," "Leader Super Speed," "Ranger," "Super Speed," "Winchester"

**SHELVES, Glass**

Acme Specialty Mfg. Co., Toledo, O.  
 American Enameled Products Co., Waukesha, Wis. "Sno-Wite"  
 American Window Glass Co., 1609 Farmers Bank Bldg., Pittsburgh, Pa.  
 Autoyre Co., Oakville, Conn.  
 Bache (Semon) & Co., 636 Greenwich, New York, N. Y.  
 Baker (S. D.) Mfg. Co., 234 W. 14th, New York, N. Y. "Attacho," "China Royal," "Samson-china"  
 Boston Mirror Co., Boston, Mass.  
 Chesler (J.) & Sons Co., 41 Varick Av., B'klyn, N. Y.  
 Conant Bros., Somerville, Mass.  
 Conroy-Prugh Glass Co., Pittsburgh, Pa.  
 Eustis (J. P.) Mfg. Co., Cambridge, Mass. "Bram-crafters"  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O. (Bulb-Edge)  
 Landers, Frary & Clark, New Britain, Conn.  
 National Brass Co., Grand Rapids, Mich. "Dexter"  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Pocono Metal Mfg. Co., East Stroudsburg, Pa. (Opal)  
 Turner & Seymour Mfg. Co., Torrington, Conn. "Wilwear"  
 Vineland Flint Glass Wks., Vineland, N. J.  
 Warren (J. D.) Mfg. Co., Montpelier, O. (Bulb Edge)  
 "White-Steel" Sanitary Furniture Co., Grand Rapids, Mich.  
 Willette Corp., of New Jersey, New Brunswick, N. J. "Stee Fast"

**SHELVES, Refrigerator**

Central Wire Frame Co., Inc., 218 E. 26th, New York, N. Y.  
 Collis Co., Clinton, Ia.

**SHELVES, Steel**

Sargent &amp; Co., New Haven, Conn.

**SHELVES, Towel—See Shelves, Glass****SHELVES, Window**

Chicago Wirecraft Co., 1649 W. Grand Av., Chicago, Ill.  
 Embro Mfg. Co., 1425 Sixth, N. E. Canton, O.  
 Koch (Geo.) Sons, Inc., 2112 Pennsylvania, Evansville, Ind.  
 Steelcraft Mfg. Co., 1427 Chestnut, Kansas City, Mo.  
 Sunshine Shelving, Winchester, Mass.  
 Windshelf Co., 2712 Big Bend Blvd., St. Louis, Mo.

**SHELVING, Steel**

(See also Bins, Steel)

All-Steel-Equip Co., Inc., Aurora, Ill.  
 Aurora Equipment Co., Aurora, Ill. "Equipto"  
 Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
 Buhan (E. O.) Mfg. Co., Inc., Grand Rapids, Mich.  
 Canton Art Metal Co., Canton, O.  
 Deluxe Metal Furniture Co., Warren, Pa.



NATIONALLY ADVERTISED TO 8,500,000 HOMEMAKERS!

# TAVERN HOME PRODUCTS

**TAVERN PRODUCTS FOR THE HOME**

**OUTSTANDING PRODUCTS FOR THE HOME**

**TAVERN Non-Rub Floor Wax**  
Outstanding new finish requires few frequent applications. It is quick, dries, and won't wash off. Brightens wood.

**TAVERN Paint Cleaner**  
A new cleaner for paint and woodwork. Works—makes smudges, grease vanish. Non-caustic. Can use it regularly. It doesn't harm the finish.

**TAVERN Window Cleaner**  
Try Tavern Window Cleaner. It's fast. Put it on with cloth or squeegee—then wipe with a soft cloth. It saves your hands from chapping. Tavern Window Cleaner leaves no film that would hold dust. No windows stay clean longer. Pleasantly scented. Nice to use.

**TAVERN Non-Rub Floor Wax**  
Spots on walls are easy to have with Tavern Paint Cleaner. It quickly removes grease, dirt and smudges. Restores original luster. Can be used regularly. It is non-caustic and it does not mar the finish or dull the glass.

**TAVERN Window Cleaner**  
Keep your floors beautiful with little effort. Tavern Non-Rub Floor Wax. Pour it on and spread with a cloth or applicator. In minutes it is dry—brings out a brighter finish.

Developed by Socony-Vacuum Research Laboratories—Backed by the Sign the Nation knows —Advertised in leading weekly and monthly magazines

NATIONAL ADVERTISING, distinguished sponsorship, and great public acceptance make Tavern Products outstanding sales successes. Because they are priced right they provide a satisfactory profit.

Be first in your locality to display Tavern Products. Be ready when customers ask for them. Order a supply from your wholesaler or nearest office of Socony-Vacuum Oil Co., Inc., and its Affiliated Companies.

*The Sign the Nation Knows*



# TAVERN HOME PRODUCTS

NON-RUB FLOOR WAX • WINDOW CLEANER • TAVERN CANDLES • PAINT CLEANER  
PARASEAL WAX • FLOOR WAX (PASTE) • ELECTRIC MOTOR OIL



# SHELVING, Steel (Continued)

Frick-Gallagher Mfg. Co., Wellston, O. "Rotabin"  
General Fireproofing Co., Youngstown, O.  
Heller (W. O.) & Co., 700 Bryant, Montpelier, O.  
Hubeny Brothers, Inc., Rosella, N. J.  
Interlock Metal Units, Inc., 50 Cliff, New York, N. Y.  
Lyon Metal Products, Inc., 126 Madison Av., Aurora, Ill.  
Manufacturing Equipment & Engineering Co., Framingham, Mass.  
Terrell's Equipment Co., Grand Rapids, Mich.  
United Steel & Wire Co., Battle Creek, Mich.  
Universal Fixture Corp., 123 W. 23rd, New York, N. Y.  
Warren (J. D.) Mfg. Co., Montpelier, O.  
Wellston Mfg. Co., Wellston, O. "Revolve"  
Worley & Co., Pico, Cal.

# SHELVING, Wood

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Warren (J. D.) Mfg. Co., Montpelier, O.

SHEPHERD CROOKS—See Crooks, Shepherd

SHERARDIZED WASHERS—See Washers, Iron and Steel

SHERARDIZED NAILS—See Nails, Sherardized

# SHIELDS, Drip, Rubber Surf Pole

Hobwieler Rubber Co., Morrisville, Pa.

# SHIELDS, Expansion

Ackerman-Johnson Co., 625 W. Jackson Blvd., Chicago, Ill.  
Ankys Mfg. Co., 149 W. Berkeley, Phila., Pa.  
Arro Expansion Bolt Co., Marion, O. "Ace," "Arro"  
Barrett Sales Co., 2612 Barry Av., Chicago, Ill.  
"Barrett Nu," "Biflex," "I-X-L"  
Brush Nail Expansion Bolt Co., Greenwiche, Conn.  
Chicago Expansion Bolt Co., 126 S. Clinton, Chicago, Ill.  
Church Expansion Bolt Co. (East), Norwalk, Conn.  
Conn. "Duplex," "O. K.," "Perfect"  
Craftplug, Inc., 330 W. 42nd, New York, N. Y.  
"Craftplug"  
Croissant Machine Wks., 39 Moss, Reading, Pa.  
"Molly"  
Diamond Expansion Bolt Co., 48 W. B'way, New York, N. Y. "Di-en-kan," "Keystone," "Tenax"  
National Lead Co., 111 B'way, New York, N. Y.  
"Cinch"  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
Phillips Drill Co., 1537 Cortland, Chicago, Ill.  
"Phillips"  
Rawplig Co., Inc., 97 Lafayette, New York, N. Y.  
"Raw-Anchor," "Rawl-Drive"  
Star Expansion Bolt Co., 147 Cedar, New York, N. Y.  
"Star," "Lorin," "Sebeco," "Tampin"  
Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
Steward & Romaine Mfg. Co., 124 N. 6th, Phila., Pa.  
U. S. Expansion Bolt Co., Inc., York, Pa. "Closed Back," "Double," "Forway," "Rytway," "U. S. E."  
SHIELDS, Eye, Tennis—See Viscra, Sport

# SHIELDS, Lag Screw

Church Expansion Bolt Co. (East), Norwalk, Conn.  
Diamond Expansion Bolt Co., 48 W. B'way, New York, N. Y. "Diamond N-Y"  
Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
U. S. Expansion Bolt Co., Inc., York, Pa. "U. S. E."

# SHIELDS, Radiator

(See also Cabinets, Radiator)  
Bomar Mfg. Co., Inc., 1114 Bardstown Rd., Louisville, Ky. "Klean-Heat"  
Buffalo Wire Wks. Co., Buffalo, N. Y.  
Columbia Metal Box Co., 260 E. 143rd, New York, N. Y.  
Durham Mfg. Co., Muncie, Ind. "Fyt-All"  
Edwards Mfg. Co., Cincinnati, O.  
Essex Auto Products Corp., 33 34th, B'klyn., N. Y. "Victory"  
Gardner Mfg. Co., Horicon, Wis. "Gardner"  
Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
Holden (A. S.) Inc., Cleveland, O.  
Hubeny Brothers, Inc., Rosella, N. J.  
Marshallan Mfg. Co., 5716 Euclid Av., Cleveland, O.  
"American Beauty," "Westminster"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Air-Flo," "Nesco"  
Parker Metal Decorating Co., Baltimore, Md. "Economo"  
Radiant Steel Products Co., Williamsport, Pa. "Rad-shield"  
Shirley Corp., 330 St. Joe, Indianapolis, Ind. "Acme"  
Tuttle & Bailey Mfg. Co., 101 Park Av., New York, N. Y.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. "Wissco"

# SHIELDS, Register

Marshallan Mfg. Co., 5716 Euclid Av., Cleveland, O. (Also Adjustable)  
Patent Novelty Co., Fulton, Ill.  
Swing-a-Way Steel Products, Inc., 1439 Merchandise Mart, Chicago, Ill.

SHIN GUARDS—See Guards, Shin

SHINGLING BRACKETS—See Brackets, Shingling

SHINGLE NAILS—See Nails, Shingle

SHINGLE STAIN COMPOUNDS—See Compounds, Shingle Stain

SHINGLE STAINS—See Stains, Shingle

SHINGLES, Asbestos—See Roofing, Asbestos

# SHINGLES, Asphalt

American Asphalt Roof Corp., Kansas City, Mo. "Old American"  
Barber Asphalt Corp., Barber, N. J. "Genasco Latite," "Genasco Sealbac"  
Barrett Co., 40 Rector, New York, N. Y. "Broad Shadow," "Dublecote Multi," "Dutch Lap Clip," "Multi," "Giant Self-Spacer," "Hexagonal," "Octagonal," "Tite-Lap," "Wedgelock"  
Bird & Son, Inc., East Walpole, Mass. "Custom Built," "Giant Individuals," "Hex Twins," "Lock Butts," "Neponset Double Twins," "5-in-1 Thick Butt," "Weather-Text"  
Carey (Phillip) Co., (Lockland) Cincinnati, O.  
Certain-teed Products Corp., 100 E. 42nd, New York, N. Y. "Brick-Text"  
Chatfield Mfg. Co., Div. of Flintkote Corp., New Orleans, La.  
Flintkote Co., 50 W. 50th, New York, N. Y. "Speed-lay," "Universal"  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill. "Cyclone"  
Paraffine Cos., Inc., San Francisco, Cal. "Pabco"  
Pioneer Flintkote Co., Los Angeles, Cal.  
Ruberoid Co., 500 Fifth Av., New York, N. Y.  
Weaver-Wall Co., 3700 Brookpark Rd., Cleveland, O. "Clipper," "Klymax," "Peerless," "Peerlesstyle"

# SHINGLES, Metal

Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
Braden Mfg. Co., Terre Haute, Ind.  
Canton Art Metal Co., Canton, O.  
Cortright Metal Roofing Co., 2218 Chestnut, Phila., Pa. "Cortright"  
Edwards Mfg. Co., Cincinnati, O. "Edmanco"  
Ideal Can Co., Everett, Mass.  
Klauser Mfg. Co., Dubuque, Ia. "Faultless"  
Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
Milcor Steel Co., Milwaukee, Wis. "Dux-Bac," "Tite-lock"  
Ravenna Furnace & Heating Co., Ravenna, O.  
Reeves Steel & Mfg. Co., Dover, O.  
St. Paul Corrugating Co., St. Paul, Minn.  
Souther (E. E.) Iron Co., St. Louis, Mo.  
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala. "USS"  
Wheeling Corrugating Co., Wheeling, W. Va. "Dixie," "Virginia," "Warwood," "Wheeling"

SHINGLING HATCHETS—See Hatchets, Ferged Steel

SHIP ANCHORS—See Anchors, Boat, Ship, Etc.

SHIP AUGERS—See Augers, Ship

SHIP BELLS—See Bells, Ship

SHIPPING BASKETS—See Baskets, Shipping

SHIPPING POULTRY COOPS—See Coops, Poultry Shipping

SHIPPING TAGS—See Tags, Shipping

SHIPS TELEGRAPH CHAIN—See Chain, Ships Telegraph

SHIPS, Toy—See article desired under Boats

SHIRT BOARDS—See Boards, Ironing

SHIRT CUTTERS' BLADE HANDLES—See Handles, Blade, Pattern Makers' and Shirt Cutters'

SHIRT CUTTERS' BLADES—See Blades, Pattern Makers' and Shirt Cutters'

SHOE BLACKINGS—See Blackings and Polishes, Shoe

SHOE BRUSHES—See Brushes, Shoe

SHOE CALKS—See Calks, Boot and Shoe

SHOE CLEANERS—See Cleaners, Shoe

SHOE CLEANING CABINETS—See Cabinets, Shoe Cleaning

SHOE CUTTERS' BLADE HANDLES—See Handles, Blade, Shoe Cutters'

SHOE CUTTERS' BLADES—See Blades, Shoe Cutters'

SHOE KNIVES—See Knives, Shoe

SHOE NAILS—See Nails, Shoe

SHOE PLATES—See Plates, Shoe

SHOE PLATES, Base Ball—See Plates, Shoe, Base Ball

SHOE POLISHERS—See Brushes, Shoe

SHOE POLISHES—See Blackings and Polishes, Shoe

SHOE RACKS—See Racks, Shoe; also Hangers, Shoe

SHOE REPAIR TOOLS—See Tools, Shoe Repair

SHOE TACKS—See Tacks, Shoe

SHOE TAPS—See Taps, Shoe

SHOE TREES—See Trees, Shoe

SHOEMAKERS' HAMMERS—See Hammers, Shoemakers'

SHOEMAKERS' TOOLS—See article desired; also Outfits, Cobblers'

SHOES, Baseball

Arco Sport Shoe Corp., Marathon, N. Y.

Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.

Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"

Collis (H. J.) Athletic Shoe Co., Taunton, Mass.

Freed Bros., Richlandtown, Pa.

Golden Sporting Shoe Co., Brockton, Mass.

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

Hyde Athletic Shoe Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass.

Ken-Wel Sporting Goods Co., Utica, N. Y.

Rawlings Mfg. Co., St. Louis, Mo.

Riddell (John T.) Inc., 1259 N. Wood, Chicago, Ill.

Spalding (A. G.) & Bros., Chicopee, Mass.

Stall & Dean Mfg. Co., Brockton, Mass.

Wisconsin Shoe Co., Milwaukee, Wis.

Wood (J. T.) Co., Ware, Mass.

# SHOES, Basketball

Arco Sport Shoe Corp., Marathon, N. Y.

Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.

Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

Hood Rubber Co. Inc., Watertown, Mass.

Servus Rubber Co., Rock Island, Ill.

United States Rubber Co., 1230 6th Av., New York, N. Y.

Wisconsin Shoe Co., 913 N. Market, Milwaukee, Wis.

Wood (J. T.) Co., Ware, Mass.

# SHOES, Bathing

Beacon Falls Rubber Co., Beacon Falls, Conn.

Hood Rubber Co., Inc., Watertown, Mass.

Judson Rubber Wks., Chicago, Ill. "Sanshu"

Parker (John H.) Co., Malden, Mass.

Pfeiffer (Frank H.) Co., Worcester, Mass.

Post Mfg. Co., 150 Lafayette, New York, N. Y.

Rawlings Mfg. Co., St. Louis, Mo.

United States Rubber Co., 1230 6th Av., New York, N. Y. "Lastex"

Ypsilanti Indian Shoe Co., Ypsilanti, Mich.

# SHOES, Bowling

Arco Sport Shoe Corp., Marathon, N. Y.

Athletic Shoe Co., 934 N. Marshfield Av., Phila., Pa.

Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"

Freed Bros., Richlandtown, Pa.

Golden Sporting Shoe Co., Brockton, Mass.

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

Hyde Athletic Shoe Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass.

Wisconsin Shoe Co., 913 N. Market, Milwaukee, Wis.

# SHOES and STOCKINGS, Doll

Bratting, Fred K., Bridgeport, Conn.

# SHOES, Football

Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.

Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"

Collis (H. J.) Mfg. Co., Taunton, Mass.

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

Hyde Athletic Shoe Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass.

Ken-Wel Sporting Goods Co., Utica, N. Y.

Rawlings Mfg. Co., St. Louis, Mo.

Riddell (John T.) Inc., 1259 N. Wood, Chicago, Ill.

Spalding (A. G.) & Bros., Chicopee, Mass.

Stall & Dean Mfg. Co., Brockton, Mass.

Wisconsin Shoe Co., Milwaukee, Wis.

Wood (J. T.) Co., Ware, Mass.

SHOES, FURNITURE—See Slides, Furniture

# SHOES, Golf

Arco Sport Shoe Corp., Marathon, N. Y.

Bass (G. H.) & Co., Wilton, Me.

Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"

Colt-Cromwell Co., Inc., Stoughton, Mass.

Mayer (R. J.) Shoe Co., Lynn, Mass.

Wisconsin Shoe Co., 913 N. Market, Milwaukee, Wis.

# SHOES, Gymnasium

Arco Sport Shoe Corp., Marathon, N. Y.

Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.

Beacon Falls Rubber Shoe Co., Beacon Falls, Conn.

Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"

Converse Rubber Shoe Co., Malden, Mass.

Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.

Hyde Athletic Shoe Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass.

Pfeiffer (Frank H.) Co., Worcester, Mass.

Rawlings Mfg. Co., St. Louis, Mo.

Riddell (John T.) Inc., 1259 N. Wood, Chicago, Ill.

Servus Rubber Co., Rock Island, Ill.

Spalding (A. G.) & Bros., Chicopee, Mass.

Stall & Dean Mfg. Co., Brockton, Mass.

United States Rubber Co., 1230 6th Av., New York, N. Y. "Lastex"

Wisconsin Shoe Co., Milwaukee, Wis.

Wood (J. T.) Co., Ware, Mass.

# ROBERTSON FENCING

CINCINNATI

for ESTATES, HOMES, PLAYGROUNDS,  
SCHOOLS, FACTORIES, RAILROADS, AIRPORTS, HIGHWAYS, PARKS, FARMS, ETC.

*offers:*

## ★ SERVICE

Robertson Specializes in Service that Clicks! All orders receive immediate attention of a flexible, wholly independent, organization, geared to fast action. Shipments are prompt.

## ★ QUALITY

Robertson Excels in Workmanship and Materials. Robertson Fence is protected against Rust through the use of copper bearing steel, all heavily galvanized by the hot dip process.

## ★ PRICE

Robertson Price is Always Right! We maintain a price policy which is independent and flexible. Robertson dealers are always competitive.

ROBERTSON WINS THE ORDER WHEN TESTS AND REQUIREMENTS MOST SEVERE

5 miles of Robertson Fence, bought under U. S. Army Specifications, enclose Ft. Knox, Ky., Military Reservation.



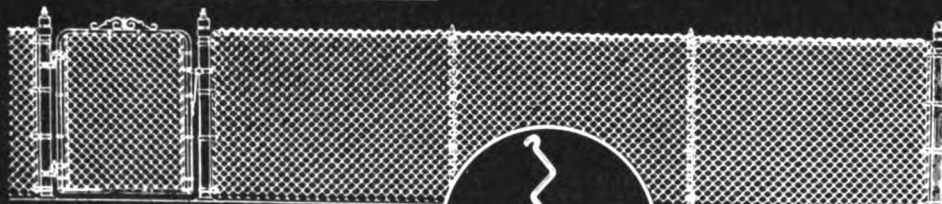
SEND FOR CATALOG AND DETAILS

Inquiries answered immediately. No obligation, of course.



## ROBERTSON RESIDENTIAL FENCE

CINCINNATI

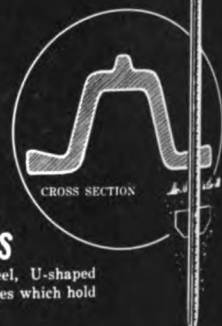


### EASY TO SPLICE

To splice, bring ends together, "corkscrew" loose strand back through the end strand of both rolls.

### LINE DRIVE POSTS

These are high carbon steel, U-shaped and equipped with drive plates which hold posts firmly in the ground.

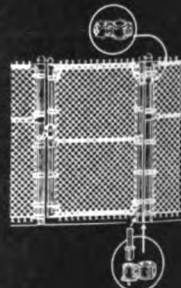


## ROBERTSON INDUSTRIAL FENCE

CINCINNATI



STYLE No. 700  
With Five Strands  
of Barbed Wire on Top



STYLE No. 600  
With Three Strands  
of Barbed Wire on Top

### DURABLE GATE FITTINGS

Made of heavy malleable iron  
All fittings hot dipped galvanized.

# ROBERTSON STEEL & IRON CO. CINCINNATI, OHIO

## SHOES, Hockey

Arco Sport Shoe Corp., Marathon, N. Y.  
Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.  
Hyde Athletic Shoe Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Wisconsin Shoe Co., Milwaukee, Wis.

## SHOES, Horse, Drive and Screw Calk

Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"  
Phoenix Manufacturing Company, Joliet, Ill. "Phoenix"

## SHOES, Horse, Mule and Pony

Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
Giant Grip Mfg. Co., Oshkosh, Wis. "New Oshkosh"  
Phoenix Manufacturing Company, Joliet, Ill. "Junista," "Phoenix"  
Tredgare Co., Richmond, Va.  
Wareham Mfg. Co., Inc., Wareham, Mass.

## SHOES, Horse, Pitching

(See also Quilts)

Auburn Rubber Corp., Auburn, Ind.  
Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond Junior," "Diamond Official," "Double Ringer," "Eagle Ringer"  
Erie Malleable Iron Co., Erie, Pa. "Ermal"  
Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip" (Aluminum, Steel and Rubber)  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Lattore & Levagood, 2201 Park, Dearborn, Mich. "Lattore"  
Marion Tool Corp., Marion, Ind.  
Oedean Forge & Mfg. Co., Chicago, Ill. "Champion," "De Luxe"  
Ohio Horse Shoe Co., Columbus, O.  
Peoria Malleable Casting Co., Peoria, Ill. "Peoria"  
Putt-Mosman Horseshoe Co., Inc., Rochester, N. Y. "Mosman"  
Queen City Forging Co., Cincinnati, O. "Gordon"  
St. Pierre Chain Corp., Worcester, Mass.  
Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
Star Steel Plate Co., 357 Wilson Av., Newark, N. J.  
Wagner Malleable Iron Co., Decatur, Ill.  
Wolverine Supply & Mfg. Co., Pittsburgh, Pa. "Pitch Eze"

## SHOES, Horse, Rubber

Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
Firestone Tire & Rubber Co., Akron, O.  
Fruta Drop Forge Co., 345 W. Root, Chicago, Ill.  
Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"  
Phoenix Manufacturing Company, Joliet, Ill. "Phoenix"

## SHOES, Hunting

Arco Sport Shoe Corp., Marathon, N. Y.  
Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.  
Bass (G. H.) & Co., Wilton, Me.  
Bean (L. L.) Inc., Freeport, Me.  
Hood Rubber Co., Inc., Watertown, Mass.  
Mason Shoe Mfg. Co., Chippewa Falls, Wis.  
Mayer (F.) Boot & Shoe Co., Milwaukee, Wis.  
National Footwear Co., Bombay, N. Y.  
Russell (W. C.) Moccasin Co., Berlin, Wis.  
Servus Rubber Co., Rock Island, Ill.  
Wisconsin Shoe Co., Milwaukee, Wis.  
Wrensch & Hermann Shoe Co., Milwaukee, Wis.

## SHOES, Ladder—See Ladder Shoes

## SHOES, Mule—See Shoes, Horse and Mule

## SHOES, Ox

Haven Malleable Castings Co., Cincinnati, O.  
Woodruff (W. W.) & Sons Co., Mount Carmel, Conn.

## SHOES, Running

Arco Sport Shoe Corp., Marathon, N. Y.  
Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.  
Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"  
Collis (H. J.) Mfg. Co., Taunton, Mass.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Rawlings Mfg. Co., St. Louis, Mo.  
Riddell (John T.) Inc., 1259 N. Wood, Chicago, Ill.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Wisconsin Shoe Co., Milwaukee, Wis.  
Wood (J. T.) Co., Ware, Mass.

## SHOES, Skating

Arco Sport Shoe Corp., Marathon, N. Y.  
Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.  
Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"  
Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill. (Roller Skate)  
Collis (H. J.) Mfg. Co., Taunton, Mass.  
Hyde Athletic Shoe Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Wisconsin Shoe Co., Milwaukee, Wis.  
Wood (J. T.) Co., Ware, Mass.

## SHOES, Snow

American Fork & Hoe Co., Geneva, O. "Penobscot," "Tubbs"  
Lund (C. A.) Co., Hastings, Minn.  
Northland Ski Mfg. Co., St. Paul, Minn.  
Sag-No-More Snow Shoe Co., Norway, Me.  
Snocraft, Inc., Norway, Me.

## SHOES, Softball

Arco Sport Shoe Corp., Marathon, N. Y.  
Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.  
Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Hood Rubber Co., Inc., Watertown, Mass.  
Hyde Athletic Shoe Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass.  
Servus Rubber Co., Rock Island, Ill.  
United States Rubber Co., Inc., 1790 B'way, New York, N. Y.  
Wisconsin Shoe Co., 913 N. Market, Milwaukee, Wis.

## SHOES, Tennis

Arco Sport Shoe Corp., Marathon, N. Y.  
Athletic Shoe Co., 934 N. Marshfield Av., Chicago, Ill.  
Beacon Falls Rubber Co., Beacon Falls, Conn.  
Brooks Shoe Mfg. Co., Swanson & Ritner, Phila., Pa. "Bruxshu"  
Buckingham & Hecht, San Francisco, Cal.  
Cambridge Rubber Co., Cambridge, Mass.  
Converse Rubber Shoe Co., Malden, Mass.  
Firestone Footwear Co., Hudson, Mass.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Hood Rubber Co., Inc., Watertown, Mass.  
Little Rock Tent & Awning Co., Little Rock, Ark.  
Mayer (F.) Boot & Shoe Co., Milwaukee, Wis.  
National India Rubber Co., Bristol, R. I.  
Pfeiffer (Frank H.) Co., Worcester, Mass.  
Rawlings Mfg. Co., St. Louis, Mo.  
Servus Rubber Co., Rock Island, Ill.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
United States Rubber Co., 1230 6th Av., New York, N. Y.  
Wisconsin Shoe Co., Milwaukee, Wis.

## SHOOFLIES

American-Acme Co., Emigsville, Pa.  
Anchor Toy Corp., Coudersport, Pa.  
Appleton Toy & Furniture Co., Appleton, Wis.  
Delphos Bending Co., Delphos, O.  
Lynch (D. W.) Co., Inc., Lancaster, Pa.  
Readsboro Chair Co., Readsboro, Vt.  
Smith (S. A.) Mfg. Co., Brattleboro, Vt.  
South Bend Toy Mfg. Co., South Bend, Ind.  
Toy Kraft, Wooster, O.

## SHOOTING GAMES—See Games, Shooting

## SHOOTING GLOVES—See Gloves, Shooting

## SHOP STOOLS—See Stools, Shop

## SHOT, Air Pistol

Daisy Mfg. Co., 414 Union, Plymouth, Mich. "Daisy Targeteer"

## SHOT, Air Rifle

Daisy Mfg. Co., 414 Union, Plymouth, Mich. "Daisy Bulls Eye"  
Federal Cartridge Corp., Minneapolis, Minn.  
Peters Cartridge Co., Div. Remington Arms Co., Inc., 939 Barnum Av., Bridgeport, Conn.  
Remington Arms Co., Inc., Bridgeport, Conn. "Red Top"  
U. S. Cartridge Co., Div. Winchester Repeating Arms Co., New Haven, Conn. "Tatham"  
Western Cartridge Co., Dept. 50, East Alton, Ill. "Western" (Lead & Steel Copper Coated)  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

## SHOT, Buck—See Shot, Lead

## SHOT, Drop—See Shot, Lead

## SHOT GUN GREASES—See Greases, Rifle, Shot Gun, Etc.

## SHOT GUN SHELLS—See Shells, Shot Gun, Empty; Also Shells, Shot Gun, Loaded

## SHOT GUNS—See Guns, Shot

## SHOT, Lead

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., Bklyn., N. Y.  
American Smelting & Refining Co., San Francisco, Cal.  
Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn., N. Y.  
Crossman Arms Co., Inc., Rochester, N. Y.  
Lawrence Shot & Lead Co., Omaha, Neb.  
National Lead Co., 111 B'way, New York, N. Y.  
Northwestern Shot & Lead Wks., St. Paul, Minn.  
U. S. Cartridge Co., Div. Winchester Repeating Arms Co., New Haven, Conn. "Tatham"  
Western Cartridge Co., Dept. 50, East Alton, Ill. "Western"  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

## SHOT, Putting

Indiana Foundry Co., Indiana, Pa.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Sperry (D. R.) & Co., Batavia, Ill.  
Stall & Dean Mfg. Co., Brockton, Mass.

## SHOT, Split

Enterprise Mfg. Co., Dept. HA, Akron, O.  
Horrocks-Ibbotson Co., Dept. S, Utica, N. Y.  
Pequa Wks., Strasburg, Pa.  
United Lead Co., 111 B'way, New York, N. Y.

## SHOT, Steel

American Steel Abrasive Co., Gallion, O.  
SHOVEL HANDLES—See Handles, Scoop, Spades and Shovel  
SHOVELING BOARDS—See Boards, Shovel  
SHOVELS—See also Spades

## SHOVELS, Coal

American Fork & Hoe Company, Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Pfeiffer (John) Co., 222 Race, Phila., Pa.  
Union Fork & Hoe Co., Columbus, O.  
Wood Shovel & Tool Co., Piqua, O.

## SHOVELS, Concrete

American Fork & Hoe Company, Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Union Fork & Hoe Co., Columbus, O.  
Wood Shovel & Tool Co., Piqua, O.

## SHOVELS, Dirt

American Fork & Hoe Company, Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Magor Car Corp., 50 Church, New York, N. Y.  
Pfeiffer (John) Co., 222 Race, Phila., Pa.  
Union Fork & Hoe Co., Columbus, O.  
Wood Shovel & Tool Co., Piqua, O.

## SHOVELS, DRAIN—See Shovels, Spades and Scoops

## SHOVELS, Fire

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Fanner Mfg. Co., Brookside Pk., Cleveland, O. "Arctic"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North Chicago, Ill.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Milcor Steel Co., Milwaukee, Wis.  
Patent Novelty Co., Inc., Fulton, Ill. "Fulton," "Jumbo," "Jumbo Jr."  
Penn Supply & Metal Corp., 948 N. 8th, Phila., Pa.  
Savory, Inc., 591 Ferry, Newark, N. J.  
Steel Materials Co., Detroit, Mich. "Stemco"  
Stover Mfg. & Engine Co., Freeport, Ill.  
Union Fork & Hoe Co., Columbus, O. "Neverbreak"

## SHOVELS, Irrigating

American Fork & Hoe Company, Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Union Fork & Hoe Co., Columbus, O.  
Wood Shovel & Tool Co., Piqua, O.

## SHOVELS, Ladies

American Fork & Hoe Company, Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Union Fork & Hoe Co., Columbus, O.  
Wood Shovel & Tool Co., Piqua, O.

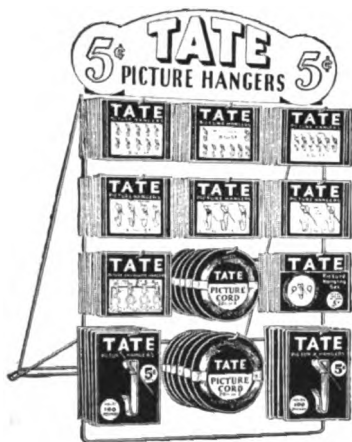
## SHOVELS, Mining

American Fork & Hoe Company, Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Union Fork & Hoe Co., Columbus, O.  
Wood Shovel & Tool Co., Piqua, O.

## SHOVELS, Moulders

American Fork & Hoe Company, Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Wood Shovel & Tool Co., Piqua, O.

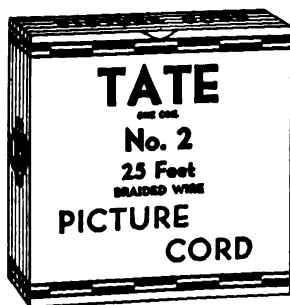




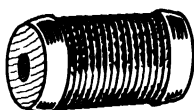
No. 5 Display

Picture Hangers  
Sizes: 1-10-20-30-40-  
50-100 pound

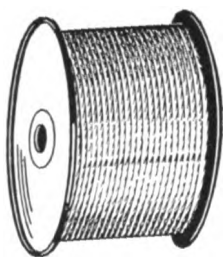
No. 72 Display



Coils in Box



25-foot Spools



5-pound Spools



Spooled Wire Assortments

## .. TATE .. Business Builders

Here illustrated are a few of the outstanding sellers in the big TATE line. These products are well made, thoroughly dependable and in constant demand.

TATE business builders are made by a house established in 1872. They are noted for their attractiveness and trade holding qualities. They are rapid sellers, return a good profit and give complete satisfaction.

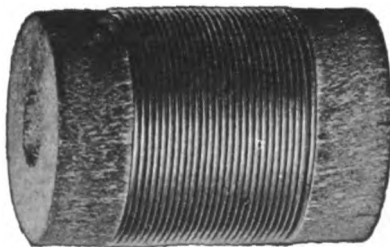
The popular TATE line includes: Picture Hangers, Spooled Wire, Coil Wire, Picture Wire, Stove Pipe Wire, Wire Clothes Line, Brass Cup Hooks, Drapery Hooks, Kitchen Hooks, Mirror Clips, Picture Hanging Sets, Tidy Pins, Meat Skewers for Cooking, Master Keys, Floor Dusters, Ceiling Dusters, Wardrobe Loops and Tie Holders and all sizes and prices of Mop Heads.

Simply mention the items you are interested in and we will send circulars and trade-prices.

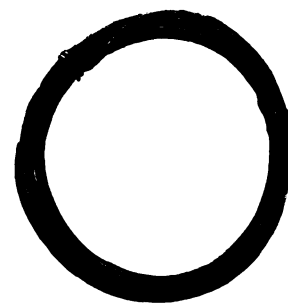
**E. H. TATE CO., Boston, Mass., U.S.A.**

Sales Offices also in  
CHICAGO NEW YORK LOS ANGELES

Established 1872



Spooled Wire

Stove Pipe Wire in 50-foot  
Coils. 1 Doz. Coils in Con-  
tainer. Also Copper, Brass,  
Tinned and Galvanized  
WireCup Hooks  
in BulkCup Hooks on Cards  
Plain and Colored

Mention Hardware Age When Writing

**SHOVELS, Railroad**

American Fork & Hoe Company, Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Union Fork & Hoe Co., Columbus, O.  
Wood Shovel & Tool Co., Piqua, O.

**SHOVELS, Sand**

American Fork & Hoe Company, Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Union Fork & Hoe Co., Columbus, O.  
Wood Shovel & Tool Co., Piqua, O.

SHOVELS, Sand, Children's—See Sand Toys

SHOVELS, Sand, Toy—See Sand Toys

**SHOVELS, Sink**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
Ennis Mfg. Co., Reading, Pa.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
P. M. C. Mfg. Corp., Phenicia, N. Y.  
Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
Wallace Bros., Wallingford, Conn.  
Winkler Metal Ware Co., Inc., 17 Rush, Bklyn, N. Y. "Capitol"  
Wooster Rubber Co., Wooster, O. "Rubbermaid"

**SHOVELS, Snow**

American Fork & Hoe Company, Cleveland, O.  
"True Temper"  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
Atlantic Stamping Co., Rochester, N. Y.  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "CKR," "Kohler," "Little Giant"  
Ennis Mfg. Co., Reading, Pa.  
Hall Mfg. Co., Cedar Rapids, Ia. "Klondike," "Snowdrift"  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Hooper Snow Shovel Co., Biddeford, Me. (Wood)  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Iwan Bros. South Bend, Ind.  
Owosso Mfg. Co., Owosso, Mich. "Owosso"  
Pfeifer (John) Co., 222 Race, Phila., Pa.  
Prentice (F. W.) & Co., Adrian, Mich.  
Quasi Mfg. Co., Inc., 6041 Grand Av., Chicago, Ill.  
"Snow-King," "Snow-Master"  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Rugg Mfg. Co., Greenfield, Mass. "Acme," "Crescent," "Blizzard Special," "Eclipse," "Keystone," "Little Wonder," "Pathfinder," "Trojan"  
Union Fork & Hoe Co., Columbus, O. "Handy Andy"  
Wood Shovel & Tool Co., Piqua, O. "Eureka," "Ohio"

**SHOVELS, Snow, Juvenile**

All Metal Products Co., Wyandotte, Mich. "Wyandotte"  
Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Cronk," "Little Giant"  
Conestoga Corp., Bethlehem, Pa. "King Pin"  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Owosso Mfg. Co., Owosso, Mich. "Owosso"  
Rugg Mfg. Co., Greenfield, Mass. "Acme," "Crescent," "Eclipse," "Keystone," "Little Wonder," "Pathfinder," "Trojan," "Trojan Special"

**SHOVELS, SPADES and SCOOPS**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Badger," "Bantam," "Bull Dog," "Conneaut Special," "Comet," "Crescent," "Dauntless," "Diamond," "Empire," "Featherweight," "Fox," "Gamecock," "Hood," "Imperial," "Keystone," "Masteriff," "Parrot," "Skelton," "Star," "True Temper," "Wolf"  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va. "ABW," "Ace Lightweight," "Anderson," "Apollo," "Armstrong," "Baldwin's Alloy Steel," "Ball's Extra Brand," "Belmont," "Birge," "Bronco," "Carter," "Coal Bluff," "Colt," "Cumberland," "Dollar Brand," "Drednot," "Erie," "Falls City," "Favorite," "Gold Ribbon," "Gold Bug," "Hadwin," "Helmet," "Hubbard Socket Shank," "Hubbard's Crucible," "Hubbard's Leadwear," "Husky," "Kiskadee," "Knox-All," "Lee," "Leechburg," "Liberty," "Massachusetts," "Monongah Featherweight," "Myers," "Nicholson," "Naylor," "O. Ames," "Optimus," "Pacemaker," "Peerless," "Piana Bird," "Pinnacle," "Pony," "Porter," "Red Arrow," "Red Edge," "Red," "Sanderson," "Three Star," "Two Star," "Valley Forge," "Vigo," "Vim," "W. A. Shuster," "Wier," "Wright," "Wright Shovel Co."  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boycot"  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Hercules," "Little Giant"

Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O. "Country Gentleman," "Ground Hog," "Pied-Piper"  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind. "American Beauty," "Blue River," "Hi-Carbon," "Hi-Loy," "Hi-Quality," "Hi-Temper," "Hi-Test," "Imperial," "Indiana," "Ingersoll Special," "Matchit," "New Castle," "Red Flash," "Trojan"  
Magor Car Corp., 50 Church, New York, N. Y. "Target"  
Pfeifer (John) Co., 222 Race, Phila., Pa. "Boss," "Giant," "Halfman," "John Pfeifer," "J. King," "J. Moore," "Penn," "R. Dye"  
Union Fork & Hoe Co., Columbus, O. "Razor Back"  
Wood Shovel & Tool Co., Piqua, O. "Arrow Point," "Big Fist," "Closed Back," "Eureka," "Moly," "Piqua," "Stuart," "Tapered Socket," "Wilson," "Wood"

SHOVELS, Stove—See Shovels, Fire

**SHOVELS, Telegraph**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Ames, Baldwin, Wyoming Company, Parkersburg, W. Va.  
Columbus Handle & Tool Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
Pfeifer (John) Co., 222 Race, Phila., Pa.  
Wood Shovel & Tool Co., Piqua, O.

SHOVELS, Toy—See Sandtoys

**SHOW CARD WRITERS**

(See also Stencils and Stencil Outfits)  
Dexter Mfg. Co., 3225 Ravenswood Av., Chicago, Ill.  
Display Equipment Co., Adrian, Mich. "Business Builder"  
Display Material Co., St. Paul, Minn. "Stencillor"  
General Show Card Machine Co., Inc., Merchandise Bldg., Washington, D. C. "General"  
Line-O-Scribe Div. Globe Corp., 332 S. Michigan Av., Chicago, Ill. "Line-O-Scribe"  
Morgan Co., 3968 Avondale Av., Chicago, Ill.  
"Write-A-Sign"  
Premier Co., 1030 Michigan, Sheboygan, Wis. "Showcarder"  
Sign-O-Graph Co., 3125 Northwood Av., Toledo, O.  
Warren-Knight Co., 136 N. 12th, Phila., Pa.  
Wood-Regan Instrument Co., Inc., Nutley, N. J. "Wrico"

SHOW CASE BRACKETS—See Brackets, Show Case

SHOW CASE HINGES—See Hinges, Show Case

SHOW CASE TRACKS—See Tracks, Sliding Doors

SHOW CASES—See Cases, Display

SHOW RACK CASTERS—See Casters, Show Rack

SHOW WINDOW VALANCES—See Valances, Show Window

SHOWER BATH MIXERS—See Mixers, Shower Bath

SHOWER BATHS—See Baths, Shower

SHOWER CURTAIN HOOKS—See Hooks, Shower

SHOWER CURTAIN PINS—See Pins, Shower

SHOWER CURTAINS—See Curtains, Shower

SHOWER STALLS—See Stalls, Shower

**SHOWERS, Out-Door, Portable**

Barnes Mfg. Co., Mansfield, O. "Shower-O-Fun"  
SHREDDERS, VEGETABLE—See Graters, Vegetable; also see Slicers, Fruit & Vegetable  
SHRINKAGE RULES—See Rules, Shrinkage  
SHRUB SUPPORTS—See Supports, Wire, Plant and Shrub  
SHRUBBERY GUARDS—See Guards, Shrubby  
SHRUBBERY PROTECTORS—See Guards, Shrubby  
SHRUBS—See Nurseries, Rose Bush, Shrub, Evergreen, etc.  
SHUFFLEBOARD DISCS—See Discs, Shuffleboard  
SHUFFLEBOARD GAMES—See Games, Shuffleboard

**SHUTS, Cold**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
American Logging Tool Co., Evert, Mich.  
Carroll Chain Co., Columbus, O.  
Cleveland Chain & Mfg. Co., Cleveland, O.  
Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamond"  
Dixie Logging Tool Co., Chattanooga, Tenn.  
International Chain & Mfg. Co., York, Pa. "Campbell"  
McKay Co., 1005 Liberty Av., Pittsburgh, Pa.  
Marion Tool Corp., Marion, Ind.  
Newhall Chain, Forge & Iron Co., 48 W. B'way, New York, N. Y.  
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
Phoenix Manufacturing Company, Joliet, Ill. "Phoenix"  
Warren Axe & Tool Co., Warren, O. "Bulldog"  
SHUTTER ADJUSTERS—See Adjusters, Blind or Shutter

SHUTTER BOLTS—See Bolts, Shutter  
SHUTTER HARDWARE—See Hardware, Shutter  
SHUTTER HINGES—See Hinges, Blind, Shutter, Etc.  
SHUTTER HOLDERS—See Hooks, Shutter  
SHUTTER HOOKS—See Hooks, Shutter  
SHUTTER LATCHES—See Bolts, Shutter  
SHUTTER TURNBUCKLES—See Hooks, Shutter  
SHUTTERS, Steel—See Doors and Shutters, Steel

**SHUTTLES, Tattling**

Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
SICKLE GRINDERS—See Grinders, Sickle  
SICKLES—See Hooks, Grass  
SIDE PULLEYS—See Pulleys, Side  
SIDEWALK CLEANERS—See Cleaners, Sidewalk; also Scrapers, Sidewalk  
SIDEWALK CYCLES—See Bicycles, Juvenile  
SIDEWALK DOOR LOCKS—See Locks, Door, Sidewalk  
SIDEWALK ELEVATORS—See Elevators, Sidewalk  
SIDEWALK GRATINGS—See Gratings, Iron and Steel  
SIDEWALK ICE CHOPPERS—See Breakers, Ice  
SIDEWALK SCRAPERS—See Scrapers, Sidewalk; also Cleaners, Sidewalk  
SIDING, Metal—See Roofing and Siding, Metal

**SIEVES, Ash**

Bromwell Wire Goods Co., Cincinnati, O.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Jelliff (Geo. H.) & Son, New Canaan, Conn. "Rival"  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Stedman (M. W.) Co., Tyringham, Mass.  
Wickwire Bros., Cortland, N. Y.

**SIEVES, Druggists**

Jelliff (Geo. H.) & Son, New Canaan, Conn.

**SIEVES, Flour**

Bromwell Wire Goods Co., Cincinnati, O.  
Buffalo Wire Wks. Co., Buffalo, N. Y.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Jelliff (Geo. H.) & Son, New Canaan, Conn.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Savory, Inc., 591 Ferry Newark, N. J.  
Tyler (W. S.) Co., Cleveland, O.  
Washburn Company, Worcester, Mass.

**SIFTERS, Ash and Coal**

Berg (John) Mfg. Co., Chicago, Ill.  
Bromwell Wire Goods Co., Cincinnati, O.  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Economy"  
Corcoran Mfg. Co., Covington, Ky. "Peerless"  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Jelliff (Geo. H.) & Son, New Canaan, Conn. "Favorite," "Superior"  
Michigan Wire Goods Co., Niles, Mich. "Champion"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Reeves Steel & Mfg. Co., Dover, O.  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Sexton Can Co., Everett, Mass. "Boston"  
Success Mfg. Co., Gloucester, Mass. "Success"  
SIFTERS, Coal—See Sifters, Ash and Coal

**SIFTERS, Flour**

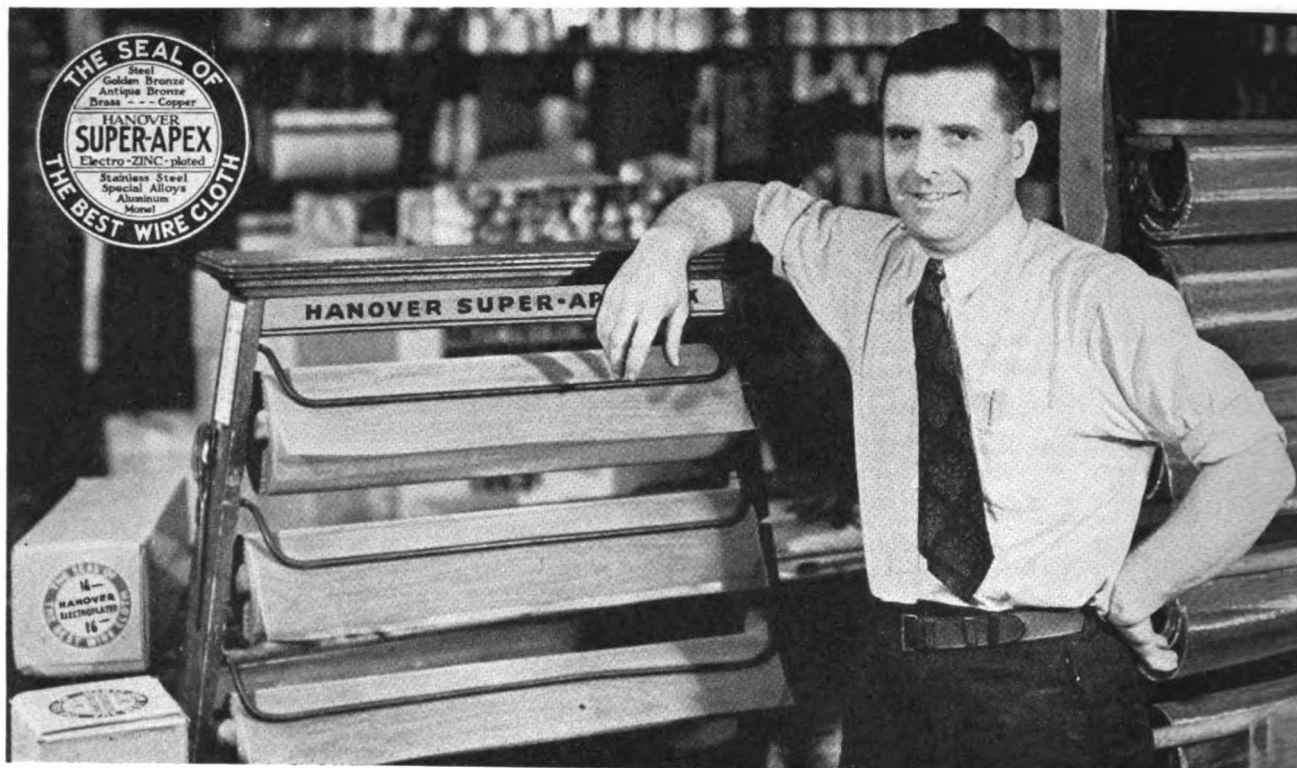
Bromwell Wire Goods Co., Cincinnati, O.  
Callapray Mfg. Co., Ltd., Los Angeles, Cal.  
Carlson (Nisse) Co., Rockford, Ill. "Nifty"  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
Erickson (C. E.) Co., Des Moines, Ia.  
Jelliff (Geo. H.) & Son, New Canaan, Conn.  
Meets-A-Need Mfg. Co., Seattle, Wash. "Sift-Chine"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Acme," "Nesco," "Perfect," "Reliance"  
Newton Mfg. Co., Newton, Ia. (Adv.)  
Nordyke & Marmon Co., Indianapolis, Ind.  
Robinson Mfg. Co., Muncy, Pa.  
Savory, Inc., 591 Ferry, Newark, N. J.  
Sprout, Waldron & Co., Muncy, Pa.  
Stanton, B. & F. H., Des Moines, Ia. "Magic"  
Uniek Utilities Corp., Chicago, Ill. "Duplex," "Multisift"  
Washburn Company, Worcester, Mass. "Natwire"

**SIFTERS, Sand**

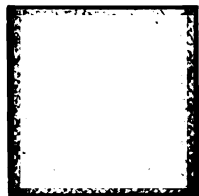
Jelliff (Geo. H.) & Son, New Canaan, Conn.  
SIFTER WIRE CLOTH—See Cloth, Wire Sifter and Strainer

**SIGHTS, Gun**

Bradley, Lewis H., West Hartford, Conn.  
Daniel, Chas., Melbourne, Wash.  
King Gun Sight Co., 171 Second, San Francisco, Cal.  
Lyman Gun Sight Corp., Middlefield, Conn. "Lyman"  
Malcolm Rifle Telescope Mfg. Co., Auburn, N. Y.  
Marble Arms & Mfg. Co., 540 Delta Av., Gladstone, Mich. "Marble's"



NEW CLOTH



OLD CLOTH



VERY OLD CLOTH



# Hanover Super-Apex Eliminates That "Carry-over Headache"

He's a happy dealer. His stock of zinc-electroplated wire cloth does not vary in color like the squares at the left: His jobber supplied him with *Hanover Super-Apex*.

Years ago Hanover perfected and pioneered the introduction of a superior coating for zinc-electroplated wire cloth that keeps Super-Apex, with its extra heavy zinc coating, uniformly light in color and saleable almost indefinitely, and also protects it in use.

Hanover quality backed by over 35 years of experience—woven into every roll and guaranteed to every user—will inspire confidence, win trade and hold customers. Hanover Wire Cloth is attractively labeled and packed in sturdy, individual cartons to reach you in perfect condition and insure perfect condition until sold.

Ask your distributor for HANOVER Wire Cloth . . . If he does not have it, ask us •

#### OTHER FAMOUS HANOVER BRANDS

Hanover "Vulcan"—Black Painted  
 Hanover "Golden Rod"—Golden Bronze  
 Hanover "Oriental"—Antique Bronze  
 Hanover "Marine"—010 Bright Bronze  
 Hanover "Crescent"—Bright Copper  
 Hanover "Colonial"—Antique Copper  
 Hanover "Acme"—Aluminum  
 Special Alloy and Special Mesh on request.

# HANOVER

## WIRE CLOTH COMPANY

Sales Representatives in Boston, New York, Atlanta, New Orleans, Kansas City, Chicago, Los Angeles, San Francisco, Portland, Oregon.

## HANOVER, PA.

Mention Hardware Age When Writing



**SIGHTS, Gun (Continued)**

Marlin Firearms Corp., New Haven, Conn.  
 Mossberg (O. F.) & Sons, Inc., 131 St. John, New Haven, Conn. "Mossberg"  
 Redfield Gunsmith Corp., 3315 Gilpin, Denver, Colo.  
 "Redfield"  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Savage Arms Corp., Utica, N. Y.  
 Stevens (J.) Arms Co., Div., Savage Arms Corp., Chicopee Falls, Mass.  
 Winchester Repeating Arms Co., New Haven, Conn.  
 "Winchester"  
 Wittek Mfg. Co., 4307 W. 24th Place, Chicago, Ill.  
 "Vaver"

**SIGHTS, Level**

Empire Level Mfg. Co., 701 So. 6th, Milwaukee, Wis.  
 Sand's Level & Tool Co., 8629 Gratiot Av., Detroit, Mich. "Sand's"  
 Stanley Tools Div. of Stanley Works, New Britain, Conn.

**SIGN BRACKETS—See Brackets, Sign****SIGN HARDWARE—See Hardware, Sign****SIGN HOOKS—See Hooks, Sign****SIGN LETTERS—See Letters, Sign****SIGN REFLECTOR BUTTONS—See Buttons, Sign Reflector****SIGN STANDARDS—See Standards, Sign****SIGNAL DEVICES**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Dietz (R. E.) Co., 60 Laight, New York, N. Y. "Beacon," "Pilot"  
 Federal Electric Co., Chicago, Ill.  
 Peerless Mfg. Corp., Louisville, Ky.

**SIGNALS, Distress**

Marine Specialty Mfg. Co., Dept. H, 3107 Detroit Av., Cleveland, O. "S.O.S."

**SIGNALING SYSTEMS**

Auth Elec'l Specialty Co., Inc., 422 E. 53d, New York, N. Y.  
 Autocall Co., Shelby, O.  
 Benjamin Elec. Mfg. Co., Desplaines, Ill.  
 Bryant Elec. Co., Bridgeport, Conn.  
 Central Burglar Alarm Co., Chicago, Ill.  
 Edwards & Co., Inc., Norwalk, Conn.  
 Federal Electric Co., Chicago, Ill.  
 Gamewell Co., Newton, Mass.  
 General Electric Co., 1 River Rd., Schenectady, N. Y. "G-E"  
 Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.  
 Thomas & Smith Co., Canton, O.

**SIGNALING TRANSFORMERS—See Transformers, Bell & Signalling****SIGNS, Brass—See Signs, Metal****SIGNS, Bronze—See Signs, Metal****SIGNS, Celluloid**

Marbelite Co., Wallingford, Conn. "Marbelite"

**SIGNS, Enamel**

Enamel Products Co., Cleveland, O. "Tepeco"  
 Ingram-Richardson Mfg. Co., Beaver Falls, Pa.  
 Nelke Sign Mfg. Co., Inc., 115 Worth, New York, N. Y.  
 Stafford (N. C.) Co., 53d & 1st Av., B'klyn, N. Y.  
 Whittier (Horace R.) Co., Pequabuck, Conn.

**SIGNS, Illuminated, Electric**

Century Mfg. Co., Inc., Elizabethtown, Pa.  
 Flexlume Corp., Buffalo, N. Y. "Oplex"  
 Holophane Co., Inc., 342 Madison Av., New York, N. Y.  
 National Stamping & Electric Wks., Chicago, Ill.  
 "Flash-I-Do"  
 Nelke Sign Mfg. Co., Inc., 115 Worth, New York, N. Y.  
 Pickwick Metal Craft Co., 489 Broome, New York, N. Y.

**SIGNS, Lawn, Etc.**

Allen (W. D.) Mfg. Co., Chicago, Ill.  
 Clouser Bros., 100 Transportation Bldg., Indianapolis, Ind. "Screen-O-Graph"  
 Gueder, Paeschke & Frey Co., Milwaukee, Wis.  
 Barker Mfg. Co., Cincinnati, O.  
 Household Patent Co., Norristown, Pa.  
 Illini Mfg. Co., Illinois Watch Bldg., Springfield, Ill.  
 Kajo Novelty Co., 839 Sixth Av., New York, N. Y. (Reflector)  
 Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
 Porcupine Co., Fairfield, Conn.  
 Ready Made Sign Co., 115 Worth, New York, N. Y.  
 Reflecto Letters, Inc., 110 W. 27th, New York, N. Y.  
 Western Cataphote Corp., 958 Wall, Toledo, O.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**SIGNS, Metal**

American Can Co., 280 Park Av., New York, N. Y.  
 Bartlett Mfg. Co., 3084 E. Grand Blvd., Detroit, Mich. (Tree Trimmers)  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.

Clouser Bros., 100 Transportation Bldg., Indianapolis, Ind. "Screen-O-Graph"  
 Erco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.  
 Fiske (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
 Flexlume Corp., Buffalo, N. Y.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Hoggson & Pettis Mfg. Co., New Haven, Conn.  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 Logan Co., Louisville, Ky.  
 Macklanburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"  
 Municipal Street Sign Co., Inc., 233 Meeker Av., B'klyn, N. Y.  
 Murdock Stamp & Specialty Co., Cincinnati, O.  
 Nelke Sign Mfg. Co., Inc., 115 Worth, New York, N. Y.  
 Noble & Westbrook Mfg. Co., East Hartford, Conn.  
 Robertson Steel & Iron Co., 71 Elm, Cincinnati, O.  
 Stafford (N. C.) Co., 53d & 1st Av., B'klyn, N. Y. "Markwell"  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O. (Wire)  
 Turner Brass Wks., Sycamore, Ill.

**SIGNS, Number, Lawn, Luminous**

Illini Mfg. Co., Illinois Watch Bldg., Springfield, Ill.  
 Western Cataphote Corp., 958 Wall, Toledo, O.

**SIGNS, Reflector**

Hanson (C. N.) Co., 303 W. Erie, Chicago, Ill.  
 Illini Mfg. Co., Illinois Watch Bldg., Springfield, Ill.  
 Kajo Novelty Co., 839 Sixth Av., New York, N. Y.  
 Reflecto Letters, Inc., 110 W. 27th, New York, N. Y.  
 Western Cataphote Corp., 958 Wall, Toledo, O.

**SIGNS, Traffic**

Marion Mach., Fdry. & Supply Co., Marion, Ind.  
 Municipal Street Sign Co., Inc., 233 Meeker Av., B'klyn, N. Y.  
 Ready Made Sign Co., 115 Worth, New York, N. Y.  
 Reiter, G. C., Canton, O.  
 Sweet's Steel Co., Williamsport, Pa.  
 Swett (A. L.) Iron Wks., Medina, N. Y.

**SILAGE CHOPPERS—See Cutters, Ensilage****SILENCERS, Door**

Glynn-Johnson Corp., 1821 Berteau Av., Chicago, Ill.  
 Pennsylvania Rubber Co. of America, Inc., Jeanette, Pa.

**SILENCERS, Gun**

Brown (O. H.), Davenport, Ia.  
 SILENT GLIDE CASTERS—See Slides, Furniture  
 SILICATE SODA—See Glass, Water  
 SILK LAMP SHADES—See Shades, Lamp, Parchment and Silk  
 SILK TENNIS RACQUET STRINGS—See Strings, Tennis Racket, Silk  
 SILL COCKS—See Cocks, Sill

**SILLS and THRESHOLDS**

Accurate Metal Weather Strip Co., 216 E. 26th, New York, N. Y.  
 Alden Mfg. Co., Painsville, O.  
 Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
 Brey-Krause Mfg. Co., Allentown, Pa.  
 Burk & Fox, Forest, O. "Burfo"  
 Chamberlin Metal Weatherstrip Co., 1254 La Brosse, Dept. H. A., Detroit, Mich. "Chamberlin"  
 Chase Brass & Copper Co., Waterbury, Conn.  
 City Plating & Mfg. Co., St. Louis, Mo.  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 Detroit Hardware Mfg. Co., Detroit, Mich.  
 Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila, Pa.  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 Kawneer Co., Niles, Mich.  
 Kentucky Metal Products Co., Inc., Preston & Audubon Park, Louisville, Ky.  
 Kinkead Industries, Inc., 1609 N. Wolcott Av., Chicago, Ill.  
 Logan Co., Louisville, Ky.  
 McArthur (Warren) Corp., 1 Park Av., New York, N. Y.  
 Macklanburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"  
 Marion Machine, Fdry. & Supply Co., Marion, Ind.  
 Michaels Art Bronze Co., Covington, Ky.  
 Midwest Hardware Co., Chicago, Ill.  
 Newport Products Co., Newport, Mich.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
 Payson Mfg. Co., 2920 Jackson Blvd., Chicago, Ill.  
 Peerless Bronze & Aluminum Co., 723 Gratiot Av., Detroit, Mich. "Peerless"  
 Rixon (Oscar C.) Co., 4450 Carrill Av., Chicago, Ill.  
 Safety Stair Tread Co., Wooster, O.  
 Shelby Spring Hinge Co., Shelby, O.  
 Smith (F. P.) Wire & Iron Wks., Clybourn & Ashland Av., Chicago, Ill.  
 Turner Brass Wks., Sycamore, Ill.  
 Werner (R. D.) Co., Inc., 21 E. 30th, New York, N. Y. "Wernco"  
 Wooster Products, Inc., Spruce, Wooster, O. "Wayne"

**SILVER FLAT TABLE WARE—See Ware, Table, Flat, Silver****SILVER PLATED FLAT TABLE WARE—See Ware, Table, Flat, Silver Plated****SILVER PLATED FLAT HOLLOW TABLE WARE—See Ware, Table, Hollow, Silver Plated****SILVER SOLDER—See Solder, Silver****SILVER TABLE WARE—See Ware, Table, Silver****SILVER TARNISHING COMPOUNDS—See Compounds, Silver Tarnishing****SILVERWARE TARNISH PREVENTATIVE—See Tarnish Preventative****SINGLE SHOT PISTOLS—See Pistols, Single Shot****SINGLETREES, Hoisting, Hay**

Fort Smith Rim & Bow Co., Fort Smith, Ark. "Cutting Brand"  
 Herschel (R.) Mfg. Co., Peoria, Ill.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Loudon Mchy. Co., Fairfield, Ia.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.

**SINGLETREES and DOUBLETREES, Plow and Wagon**

Brown-Manly Plow Co., Malta, O. (Plow only)  
 Burrroughs-Ross-Colville Co., McMinnville, Tenn.  
 Electric Wheel Co., 1300 N. 28th, Quincy, Ill.  
 Fort Smith Rim & Bow Co., Fort Smith, Ark. "Cutting Brand"  
 Harvey Spring & Forging Co., Racine, Wis.  
 Herschel (R.) Mfg. Co., Peoria, Ill.  
 Ingersoll Steel & Disc Div. of Borg-Warner Corp., Kalamazoo, Mich.  
 Kelly (G. A.) Plow Co., Longview, Tex.  
 King Plow Co., Atlanta, Ga.  
 Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.  
 Reno Mfg. Co., Erie, Pa.  
 Southern Plow Co., Columbus, Ga.  
 SINK AUGERS—See Augers, Sink  
 SINK BRACKETS—See Brackets, Sink  
 SINK BROOMS—See Brushes, Sink  
 SINK BRUSHES—See Brushes, Sink  
 SINK CABINETS—See Cabinets, Sink  
 SINK CLEANERS—See Cleaners, Sink  
 SINK FAUCETS, DOUBLE SWINGING SPOUTS—See Faucets, Sink, Double Swinging Spout  
 SINK FAUCETS, SINGLE—See Faucets, Sink, Single  
 SINK DRAIN PROTECTORS—See Protectors, Sink Drain  
 SINK MATS—See Mats, Sink  
 SINK PUMPS—See Pumps, Cistern and Sink  
 SINK RACKS—See Racks, Sink  
 SINK SHOVELS—See Shovels, Sink  
 SINK STOPPERS—See Stoppers, Basin and Sink  
 SINK STRAINERS—See Strainers, Sink  
 SINK TRAP PLUGS—See Plugs, Trap, Sink

**SINKERS**

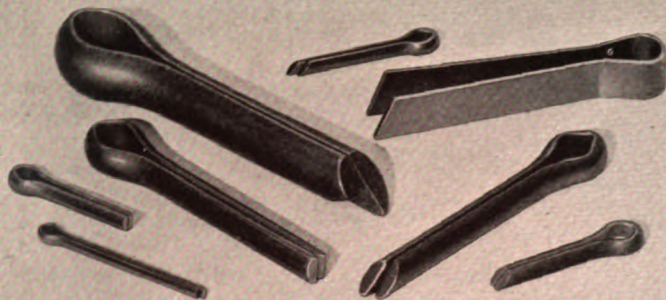
American Smelting & Refining Co., San Francisco, Cal.  
 Dow, A. W., Baldwin, L. I., N. Y.  
 Enterprise Mfg. Co., Dept., HA, Akron, O. "Clincher," "Dual," "Howdy"  
 Fatsco, 251 N. Fair Av., Benton Harbor, Mich.  
 Horrocks-Ibbotson Co., Dept. S, Utica, N. Y. "Sara-nac"  
 Ideal Fishing Float Co., Inc., Richmond, Va.  
 Jamison (Wm. J.) Co., 5817 W. Division, Chicago, Ill.  
 Pequea Works, Strasburg, Pa.  
 South Bend Bait Co., South Bend, Ind.  
 SINKS, Bathroom—See Lavatories, Pedestal and Wall

**SINKS, Kitchen**

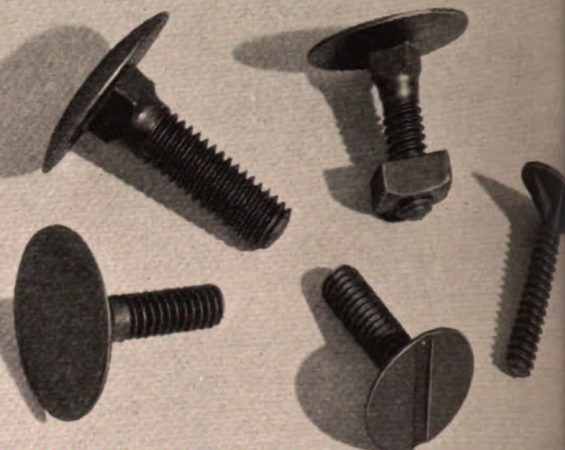
Ames (Frank) Mfg. Co., Hutchinson & Ontario, Phila., Pa.  
 Bignall Co., Medina, N. Y.  
 Briggs Mfg. Co., Detroit, Mich. "Brigsteel"  
 Elkay Mfg. Co., 4704 Arthington, Chicago, Ill.  
 Ellwood Co., Ellwood City, Pa. "Blue Cross"  
 Ford's Porcelain Wks., Perth Amboy, N. J.  
 General Electric Co., Nela Park, Cleveland, O. "G-E" (Electric)  
 Hicks (S. D.) & Son, Co., 141 Border, East Boston, Mass.  
 Humphries Mfg. Co., Mansfield, O. "Mirard"  
 IXL Furniture Co., Inc., Goshen, Ind. (Monel Metal)  
 Kohler Co., Kohler, Wis.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Portland Stove Fdry. Co., Portland, Me.  
 Sanitary Co. of America, Linfield, Pa.  
 Smoot-Holman Co., 320 N. Inglewood Av., Inglewood Cal. (Stamped Steel)  
 Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
 Trenton Potteries Co., Trenton, N. J. "Tepeco"  
 Vermont Soapstone Co., Perkinsville, Vt.  
 Weiskittel (A.) & Son Co., Baltimore, Md.  
 Westinghouse Electric & Mfg. Co., Mansfield, O. (Electric)  
 Youngstown Pressed Steel Div. Mullins Mfg. Corp., Warren, O. "YPS"



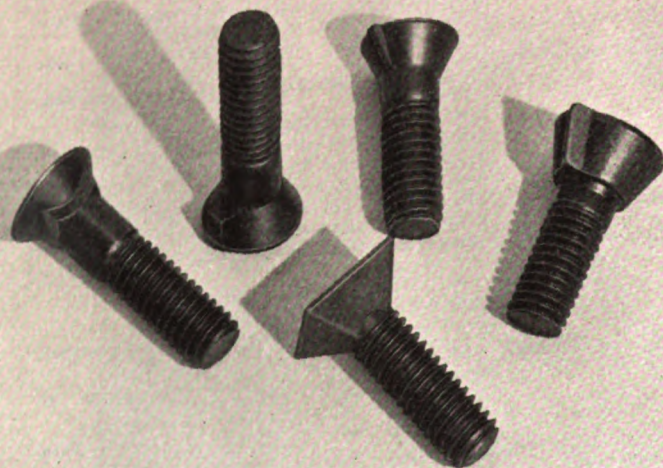
# ONE OF YOUR *Biggest* PROFITS IS IN BOLTS!



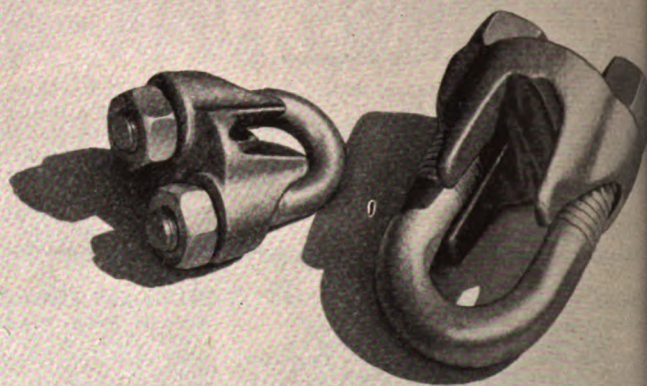
A blow on the diamond-shaped head of Lamson Cotters spreads prongs. "Efficiency" points serve as a drift pin. Lamson stock cotters conform to all Government specifications. Cotters made to order from brass, bronze, aluminum and stainless steel.



Elevator Bolts are made in four standard types. No. 1, flat head countersunk; No. 2, oval head; No. 3, flat head, with slot, four fins beneath head; No. 4, flat head, four fins beneath head. Stocked up to  $\frac{3}{8}$ -inch diameters; made with large heads to Bolt Institute standards.



Plow Bolts Nos. 3, 4, 6 and 7, made to American Standard specifications, are stocked; other types made to order. We also stock Grass Rods, Spreader Rods, Heel Bolts and Harrow Teeth.



Wire Rope Clips are made in a full range of sizes, galvanized or japanned finish. Nuts fit U-bolts accurately. Malleable iron saddles have standard "bull-dog" grip.

● Not everyone realizes that bolt and nut sales are among the most profitable in your business. *But they are!* Just figure your costs, and your margin of profit, and make comparisons with any other product you can name. To make your turn-over faster and your profit margin longer ask the Lamson & Sessions representative to tell you about the Lamson Stock List method of inventory control. And remember that Lamson products

are nationally advertised and have universal acceptance due to maintaining a reputation for highest quality over *three-quarters of a century*. You can get every fastening you sell from Lamson, for we manufacture the most complete line of bolt and nut products in this country, and pack them in the strongest, most attractive cartons ever offered to the trade.

THE LAMSON & SESSIONS CO., Cleveland, Ohio

## LAMSON & SESSIONS

BOLTS • NUTS • COTTERS • CAP SCREWS

75th ANNIVERSARY 1865-1940



**SIPHON PUMPS**—See Pumps, Siphon  
**SIPHONS**—See Siphons  
**Sisal ROPE**—See Rope, Manila and Sisal

## SIZE, Wall

Alabastine Co., 835 Chicago Drive, S.W., Grand Rapids, Mich. "Size-It"  
 Atlantic Paint Mfg. Co., 100 Boylston, Boston, Mass. "ARMA"  
 Casein Co. of America, Div. of Borden Co., 350 Madison Av., New York, N. Y. "Casco"  
 Cleveland Cleaner & Paste Co., 7275 Neville Av., S. W., Cleveland, O. "Apex"  
 Commercial Paste Co., Columbus, O. "Quick Stick"  
 Consumers Glue Co., 3320 S. B'way, St. Louis, Mo. "Genuine"  
 Cooper (Peter) Corp., Gowanda, N. Y.  
 Cudahy Packing Co., Anchor Glue Div., Dept. 1, Chicago, Ill. "Anchor," "Boss," "Rex"  
 Fuller (H. B.) Co., St. Paul, Minn.  
 Le Page's, Inc., Gloucester, Mass. "Le Page's"  
 Miner-Hillard Milling Co., Wilkes-Barre, Pa. "Hot Spot," "Penn"  
 Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y. "Blue Diamond," "Muralo"  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo-Seal"  
 Patent Cereals Co., Geneva, N. Y. "Rex"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Reardon (The) Co., St. Louis, Mo. "Chex," "Reardon's," "Roco"  
 Sisk (R. J.) Co., New London, Conn.  
 Tammes Silica Co., 228 N. La Salle, Chicago, Ill.  
 Trueson Laboratories, Caniff, Detroit, Mich.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Surfalox"  
 United Gilsomite Laboratories, Scranton, Pa. "Parleian"  
 Wells Adhesive Co., Columbus, O. "We-Co"  
**SKATE BAGS**—See Bags, Skate  
**SKATE GRINDERS**—See Grinders, Skate  
**SKATE KEYS**—See Keys, Skate  
**SKATE PROTECTORS**—See Protectors, Skate  
**SKATE SHARPENERS**—See Sharpeners, Skate

## SKATE SHARPENING STANDS

Berghman Co., 1417 Washington Blvd., Maywood, Ill.  
 General Hdwe. Corp., 3530 W. Pierce, Milwaukee, Wis.  
 Johnson (Alfred) Skate Co., 2846 W. North Av., Chicago, Ill. "Alfred's"  
 Johnson (Nestor) Mfg. Co., 1900 N. Springfield Av., Chicago, Ill. "Johnsons"  
 Planert Skate Co., 935 N. Damen Av., Chicago, Ill.  
**SKATE STRAP PADS**—See Pads, Strap, Skate  
**SKATE STRAPS**—See Straps, Skate

## SKATES and SHOES, Combined

Arco-Rollaway Skate Co., Inc., Marathon, N. Y.  
 Arco Tubular Skate Corp., Marathon, N. Y.  
 Garner Ice Skate Co., 4442 Roosevelt Rd., Chicago, Ill. "Red Arrow"  
 Johnson (Alfred) Skate Co., 2846 W. North Av., Chicago, Ill. "Alfred's," "Biltmore," "Flash," "Ice King," "Monarch," "Royal," "Ruffplay," "Wizard"  
 Johnson (Nestor) Mfg. Co., 1900 N. Springfield Av., Chicago, Ill.  
 Olympic Champion Skate Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass. "Irving Jaffee"  
 Planert Skate Co., 935 N. Damen Av., Chicago, Ill.  
 Wood (J. T.) Co., Ware, Mass.  
**SKATES, Hockey**—See Skates, Ice

## SKATES, Ice

Arco Tubular Skate Corp., Marathon, N. Y. "Hazel Franklin"  
 Garner Ice Skate Co., 4442 Roosevelt Rd., Chicago, Ill. "Red Arrow"  
 Johnson (Alfred) Skate Co., 2846 W. North Av., Chicago, Ill. "Alfred's," "Biltmore," "Flash," "Ice King," "Monarch," "Royal," "Ruffplay," "Wizard"  
 Johnson (Nestor) Mfg. Co., 1900 N. Springfield Av., Chicago, Ill. "Johnsons"  
 Kees (F. D.) Mfg. Co., Beatrice, Neb. "Brownie," "Kees"  
 Olympiad Skate Co., 1567 University Av., St. Paul, Minn. "Olympiad," "Zephyr"  
 Olympic Champion Skate Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass. "Irving Jaffee"  
 Planert Skate Co., 935 N. Damen Av., Chicago, Ill.  
 Union Hdwe. Co., Torrington, Conn. "Union"  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"  
 Wittchell-Sheill Co., 1635 Augusta Blvd., Chicago, Ill.

## SKATES, Ice, Double-Runner

Arco Tubular Skate Corp., Marathon, N. Y.  
 Globe-Union, Inc., 900 E. Keefe Av., Milwaukee, Wis. "Jack-N-Jill"

## SKATES, Roller

Arco-Rollaway Skate Co., Inc., Marathon, N. Y.  
 Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill. "Chicago," "Chicago Rink-skates," "Collegiate," "Flying Scout," "Silent Flash," "Ware Brothers Junior," "Ware Brothers Juvenile," "Zephyr" (Steel, Rubber, Fibre, Hardwood and Aluminum Wheels)  
 Globe-Union Inc., Milwaukee, Wis. "500 Mile," "Globe," "Marvel," "Red Wheel," "Jack-n-Jill"  
 Harris (D. P.) Hdwe. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast"  
 Hartford Steel Ball Co., West Hartford, Conn. "Tu-Wheeler"  
 Hustler Corp., Sterling, Ill. "Speed King"  
 Kees (F. D.) Mfg. Co., Beatrice, Neb. "Brownie," "Kees"  
 Kingston Products Corp., Kokomo, Ind. "Comet," "De Luxe," "500 Miler," "Junior O," "Olympic"  
 Metal Craft Mfg. Co., Riverside, N. J.  
 Metal Specialties Mfg. Co., 3208 Carroll Av., Chicago, Ill. "Roll-King"  
 Olympic Champion Skate Co. (Div. A. R. Hyde & Sons Co.), 179 Lincoln, Boston, Mass. "Irving Jaffee"  
 Planert Skate Co., 935 N. Damen Av., Chicago, Ill.  
 Richardson Ball Bearing Skate Co., Chicago, Ill. "Action"  
 Roll-Away Skate Co., 12435 Euclid Av., Cleveland, O. "Rolo-Way"  
 Schmid Bros., Lancaster, Pa. "Air King," "Flying Ace," "Greyhound," "Hy-Speed"  
 Segal Lock & Hdwe. Co., Inc., 395 B'way, New York, N. Y.  
 Superior Brush Co., 10698 Berea Rd., Cleveland, O.  
 Union Hdwe. Co., Torrington, Conn. "Union"  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"  
 Zephyr Products Co., 208 Forrest Av., Newport, Ky. "Zephyr" (Noiseless)

## SKATES, Scooter

Globe-Union, Inc., Milwaukee, Wis.  
 Lyons Mfg. Co., Mt. Carmel, New Haven, Conn. "Rollster"

## SKATES, Ski

Denning Mfg. Co., 1783 E. 37th, Cleveland, O. "Skee Skates"  
 Gilder Skate Mfg. Co., 312 W. 49th Place, Chicago, Ill.  
 Peters (F. D.) Co., Inc., Gloversville, N. Y.

## SKATES, Snow

American Mfg. Concern, Falconer, N. Y.  
 Gilder Skate Mfg. Co., 312 W. 49th Place, Chicago, Ill.  
 Peters (F. D.) Co., Inc., Gloversville, N. Y.  
**SKATING SHOES**—See Shoes, Skating  
**SKEET GUNS**—See Guns, Skeet  
**SKEIN BOLTS**—See Bolts, Lag and Skein  
**SKELETON KNIVES**—See Knives, Skeleton

## SKEWERS

Coughlan (G. N.) Co., 422 Alden, Orange, N. J.  
 Michigan Wire Goods Co., Niles, Mich.  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass. "Bull Dog"  
 Washburn Co., Worcester, Mass.  
**SKI BOOTS**—See Boots, Ski  
**SKI CARRIERS**—See Carriers, Ski  
**SKI and SNOW SHOE HARNESS**—See Harness, Ski and Snow Shoe  
**SKI SKATES**—See Skates, Ski  
**SKI POLES**—See Poles, Ski  
**SKI SLEDS**—See Sleds, Ski  
**SKI WAX**—See Wax, Ski  
**SKILLETS**—See Spiders and Skillets

## SKIMMERS

Aluminum Specialty Co., Manitowoc, Wis.  
 Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Penn Scale Mfg. Co., Inc., 1017 N. Front, Phila., Pa.  
 Stratton & Terstege Co., Inc., Mfg. Div., Louisville, Ky. "Falls City" (Sorghum)  
 Wallace Bros., Wallingford, Conn. "W.B.W."  
 Washburn Company, Worcester, Mass.

## SKINNERS, Bullhead and Catfish

Leitzke, Rein, Beaver Dam, Wis. "Leitzke"  
**SKINNING KNIVES**—See Knives, Skinning

## SKIS

Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Flexible Flyer-Splitkein," "Mercury"  
 Blanchard Factories, Inc., 45 Pointer, Newark, N. J. "Nordic"  
 Brederberg Bros., Inc., Champlain, N. Y. "Broad-mount"

Dodds (Harvey E.) Co., N. Tonawanda, N. Y. "Chalet"  
 Gerber Bros., 2606 First Av., Seattle, Wash.  
 Gregg Mfg. Co., St. Paul, Minn.  
 Groswood Ski Co., Inc., 1205 Shoshone, Denver, Colo. "Groswood"  
 Lund (C. A.) Co., Hastings, Minn.  
 Northland Ski Mfg. Co., St. Paul, Minn.  
 Oxford Corp., W. Paris, Me.  
 Paris Mfg. Co., South, Paris, Me.  
 Snocraft, Inc., Norway, Me.  
 Strand (Martin A.) Ski Co., New Richmond, Wis. "Strand"  
**SKIVING KNIVES**—See Knives, Tanners'  
**SKUTCHES, Bricklayers**—See Scatches, Bricklayers'  
**SKYLIGHT GLASS**—See Glass, Wire  
**SKYLIGHT LIFTS**—See Lifts, Skylight

## SKYLIGHTS

Bohem Mfg. Co., Phila., Pa.  
 Canton Art Metal Co., Canton, O.  
 Corning Mfg. Co., Corning, N. Y.  
 Danzer Metal Wks., Hagerstown, Md.  
 Edwards Mfg. Co., Cincinnati, O.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Mesker Bros. Iron Co., St. Louis, Mo.  
 Meyer (F.) & Bro. Co., Peoria, Ill. "Handy"  
 Milcor Steel Co., Milwaukee, Wis. "Milcor"  
 St. Paul Corrugating Co., St. Paul, Minn.  
 Willis Mfg. Co., Inc., Galesburg, Ill.  
**SLACK BARRELS AND KEGS**—See Barrels and Kegs, Slack  
**SLATE CUTTING TOOLS**—See Tools, Asbestos & Slate Cutting  
**SLATE FASTENERS**—See Hooks, Slaters'  
**SLATE ROOFING GRANULES**—See Granules, Roofing, Slate  
**SLATERS FELT**—See Sheathing, Building, Felt  
**SLATERS' HOOKS**—See Hooks, Slaters'  
**SLATERS' TOOLS**—See Tools, Roofing  
**SLATERS' STAKES**—See Tools, Roofing

## SLATES, School

American Slate Wks., Slatington, Pa.  
 Griffin Bros., Bangor, Pa.  
 National School Slate Co., Slatington, Pa.  
**SLATING NAILS**—See Nails, Roofing and Slating

## SLATS, Wood, Venetian Blind

American Rule & Block Co., Menominee, Mich.  
 Lewis (G. B.) Co., Watertown, Wis.  
 Morgan Wood Products Corp., Aldenville, Pa.  
 Overton (S. E.) Co., 1000 Indiana Av., South Haven, Mich.  
**SLAW CUTTERS**—See Slicers, Fruit and Vegetable  
**SLEDGE HANDLES**—See Handles, Hickory; also Handles, Oak

## SLEDGES

Cleveland City Forge Co., Cleveland, O.  
 Evansville Tool Wks., Div. of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Evansville"  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Leetonia Tool Co., Leetonia, O.  
 Plumb (Fayette R.) Inc., Phila., Pa.  
 Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Warren Tool Corp., Warren, O. "Slug Devil," "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Wks., Verona, Pa.

## SLEDs, Bob

Buerkens Mfg. Co., Pella, Ia.  
 Donaldson Bros., Mount Clemens, Mich.  
 Grain King Mfg. Co., St. Paul, Minn.  
 Koch & Son Mfg. Co., St. Cloud, Minn.  
 Mason & Sons, Inc., Peru, N. Y.

## SLEDs, Ski

Flier Products Co., 1355 Genesee, Buffalo, N. Y. "Mono-Ski"

## SLEDs, Steering, Children's

Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Donald Duck," "Flexible Flyer," "Mickey Mouse," "Yankee Clipper"  
 American-Acme Co., Emigsville, Pa. "Monoplane," "Royal Sky-Plane"  
 Auto-Wheel Coaster Co., Inc., North Tonawanda, N. Y. "Fleetwing," "Imperial"  
 Garton Toy Co., Sheboygan, Wis. "Dreadnaught," "Eskimo"  
 Gendron Wheel Co., Toledo, O. "Pioneer"  
 Johnson (C. J.) Co., Bradford, Pa.  
 Junior Toy Corp., Hammond, Ind. "Mercury"  
 Kalamazoo Sled Co., Kalamazoo, Mich. "Champion," "Champion De Luxe"  
 Paris Mfg. Co., South Paris, Me.  
 Pratt Corp., Coldwater, Mich. "Commodore," "Commodore De Luxe," "Flyaway," "Royal Racer," "Silver Streak"



**WIRE  
ROPE**

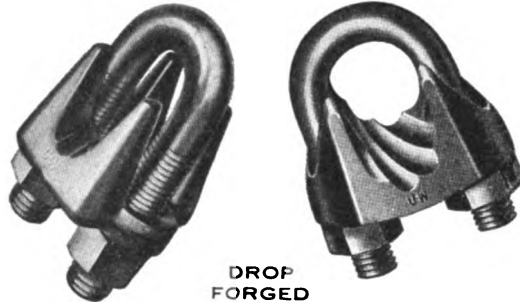
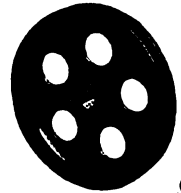
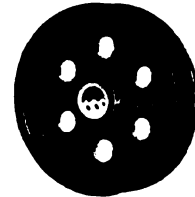
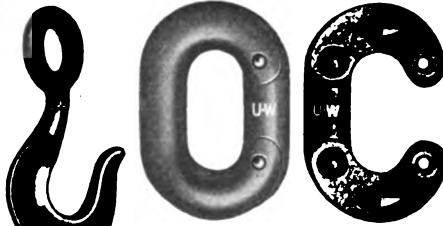
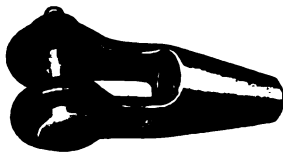
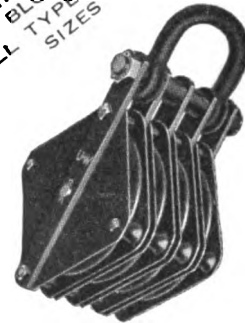
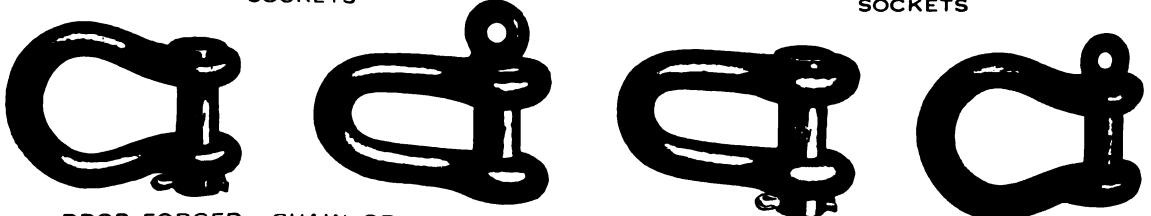
*The Upson-Alton Co.*  
ESTABLISHED 1871

**MANILA  
ROPE**

QUALITY



PRODUCTS

WOOD BLOCKS  
FOR MANILA ROPEDROP FORGED TURNBUCKLES  
IN ALL DIAMETERS AND LENGTH OF OPENINGMALLEABLE  
BLOCKS FOR  
MANILA ROPESNATCH FOR  
BLOCKS FOR  
WIRE AND MANILA ROPEDROP  
FORGED  
AND MALLEABLE  
WIRE ROPE CLIPSSHEAVES FOR WIRE ROPE  
AND MANILA ROPEWIRE ROPE  
BLOCKS AND  
ALL TYPES AND  
SIZESDROP FORGED  
HOOKS  
FOR WIRE  
OR MANILA  
ROPEDROP FORGED  
CHAIN REPAIR  
LINKSDROP FORGED  
OPEN WIRE ROPE  
SOCKETSGALVANIZED  
WIRE ROPE  
THIMBLESDROP FORGED  
CLOSED WIRE ROPE  
SOCKETS

DROP FORGED—CHAIN OR ANCHOR SHACKLES—WITH ROUND OR SCREW PIN

SEND FOR  
COMPLETE  
CATALOG

1280 WEST 11th ST.  
**CLEVELAND—OHIO**

BRANCH OFFICES AND WAREHOUSES

114 BROAD ST.  
NEW YORK, N. Y.182 OHIO ST.  
BUFFALO, N. Y.241 OLIVER BLDG.  
PITTSBURGH, PA.KNOXVILLE  
TENN.  
LOS ANGELES  
CALIF.

SALES OFFICES  
ST. LOUIS  
MO.  
SAN FRANCISCO  
CALIF.  
720 W. VICKERY  
FORT WORTH, TEX.

DENVER  
COLO.  
PORTLAND  
ORE.

SEATTLE  
WASH.737 W. JACKSON BLVD.  
CHICAGO, ILL.

**SLEDS, Steering, Children's (Continued)**

Rainey Mfg. Co., Titusville, Pa.  
Schiller Piano Co., Oregon, Ill. "Aero"  
Skiway Racers, Inc., Toledo, O. "Sno-Plane"  
Specialty Mfg. Co., Appleton, Wis.  
Standard Novelty Wks., Duncannon, Pa. "Lightning  
Guider"

**SLEEPER ANCHORS**—See Anchors, Sleeper

**SLEEPER CLIPS**—See Anchor, Sleeper

**SLEEPING BAGS**—See Bags, Sleeping

**SLEEVE BOARDS**—See Boards, Ironing

**SLEEVE TWISTERS**—See Twisters, Sleeve

**SLEEVES, Cylinder, Automobile**

Stover Mfg. & Engine Co., Freeport, Ill. "Stover-  
Swartz"

**SLEEVES, Cylinder, Tractor**

Stover Mfg. & Engine Co., Freeport, Ill. "Stover-  
Swartz"

**SLEEVES, Drill**—See Sockets and Sleeves, Drill

**SLEEVES, Pipe**—See Fittings, Pipe

**SLEIGH BELLS**—See Bells, Sleigh

**SLEIGH CLIPS**—See Clips, Sleigh

**SLICE BARS**—See Bars, Slice

**SLICERS, Apple**—See Slicers, Fruit and Vegetable

**SLICERS, Bread**—See Cutters, Bread

**SLICERS, Egg**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Coughlan (G. N.) Co., 422 Alden, Orange, N. J.  
"Easy-Aid"  
Hutzler, L., 226 Lafayette, New York, N. Y.

**SLICERS, Fruit and Vegetable**

(See also Graters, Vegetables, etc.)

Acme Metal Goods Mfg. Co., 2 Orange, Newark,  
N. J.

Almo Trading & Importing Co., Inc., 3 W. 18th,  
New York, N. Y. "Kitchenmaster"

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Anastice (Josiah) & Co., Rochester, N. Y. "Ster-  
ling"

Boutell Mfg. Co., Rochester, N. Y. "Rochester"  
Bromwell Wire Goods Co., Cincinnati, O.

Brown, John Clark, 525 Lexington Av., New York,  
N. Y. "Kenberry"

Chicago Flexible Shaft Co., 5600 W. Roosevelt Rd.,  
Chicago, Ill. "Sunbeam"

Chicago Metallic Mfg. Co., 3711 S. Ashland Av.,  
Chicago, Ill. "5 in 1"

Chief Products Co., 701 E. 59th, Los Angeles, Cal.  
"Chief"

Conco Engineering Wks., Mendota, Ill.  
Coughlan (G. N.) Co., 422 Alden, Orange, N. J.

"Bean-X" (Bean Stringer & Slicer)  
Crescent Scoop Mfg. Co., Phila., Pa.

Eagle Engineering Co., Springfield, O. (Combina-  
tion)

Farber & Shlevin, Inc., 375 Kent Av., Bklyn., N.  
Y. "Slicette"

Feemster (W. R.) Co., 154 E. Erie, Chicago, Ill.  
"Devault"

Griscor Industries, Fort Wayne, Ind. "Griscor"

Hamilton Metal Products Co., Hamilton, O. "CH-  
max"

Handi-Products Co., 625 W. Jackson Blvd., Chicago,  
Ill. "Handi-Slicer"

Handy Things Mfg. Co., Ludington, Mich.  
Houchin (Thos. W.) Corp., 9 McPherson Pl., Jersey  
City, N. J.

Hygienic Products Corp., Portland, Me.  
Landers, Frary & Clark, New Britain, Conn.

"French," "Lightning," "Universal"

Littlestown Hdw. & Fdry. Co., Littlestown, Pa.

National Enameling & Stamping Co., 270 N. 12th,  
Milwaukee, Wis. "Nesco"

Nu-Dell Mfg. Co., Inc., 501 W. Huron, Chicago, Ill.

P-K-W Safety Slicer Co., Winterset, Ia. "P-K-W"

Phoenix Hdw. Mfg. Co., Buffalo, N. Y.

Read Mfg. Co., York, Pa. (Electric)

Richard & Bechtold, Bellaire, Mich.

Rival Mfg. Co., Kansas City, Mo. "Shredmaster"

Rollman Mfg. Co., Mt. Joy, Pa. "Rollman"

Roto Wool of America, 220 Fifth Av., New York,  
N. Y. "Surecut"

Royal Mfg. Co., Phila., Pa.

Russell Harrington Cutlery Co., Southbridge, Mass.

"Dexter," "Russell"

Sun Appliance Co., 518 W. 48th, New York, N. Y.

"Sunaco"

Thompson (O. E.) & Sons, Ypsilanti, Mich.

Tucker-Dorsey Mfg. Corp., Indianapolis, Ind. "Tee-  
Dee"

Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av.,  
Chicago, Ill. "Curly-Q"

Village Blacksmith Folks, Watertown, Wis.

Vone Co., Inc., New Haven, Conn.

Williamson (C. T.) Wire Novelty Co., 53 Badger  
Av., Newark, N. J. "Becky Porter" (Dicer)

**SLICERS, Meat**

Anastice (Josiah) & Co., Rochester, N. Y. "Ster-  
ling"

Auto Sun Products Co., Cincinnati, O. "Sun  
Slicer"

Chatillon (John) & Sons, 85 Chiff, New York City,  
N. Y. "Foster Bros."

Clyde Cutlery Co., Clyde, O.

Crescent Scoop Mfg. Co., Phila., Pa.

Damasco Steel Products Corp., Rockford, Ill.

"Dasco"

Farber & Shlevin, Inc., 375 Kent Av., Bklyn., N.  
Y. "Slicette"

Geneva Forge, Inc., 1949 N. Cicero Av., Chicago,  
Ill. "Geneva Forge"

Goodell Co., Antrim, N. H.

Handi-Products Co., 625 W. Jackson Blvd., Chicago,  
Ill. "Handi-Slicer"

Honk Falls Knife Co., Inc., Napanoch, N. Y.

"Honk Falls"

International Edge Tool Co., Inc., 43 S. 6th, New-  
ark, N. J.

Lamson & Goodnow Mfg. Co., Shelburne Falls,  
Mass. "Lamson"

Landers, Frary & Clark, New Britain, Conn. "Uni-  
versal"

Ontario Knife Co., Franklinville, N. Y. "Tru-  
Edge"

Remington Arms Co., Inc., Bridgeport, Conn.

"Kleanblade"

Robinson Knife Co., Springfield, N. Y.

Sta-Brite Products Corp., New Haven, Conn.

Vone Co., Inc., New Haven, Conn.

**SLICERS, Potato**—See Slicers, Fruit and Vegetable

**SLICERS, Vegetable**—See Slicers, Fruit and Vege-  
table

**SLICKS, Carpenters'**

Buck Bros., Millbury, Mass.

Peck, Stow & Wilcox Co., Southington, Conn.

"Pexto"

Swan (Jas.) Co., Seymour, Conn.

White (L. & I. J.) Co., Div. Simonds-Worden-  
White Co., Dayton, O.

**SLIDES, Furniture**

(See also Glides, Furniture)

Adjustable Caster Co., Phila., Pa. "Adjusta"

Atlas Tack Corp., Fairhaven, Mass. "Atlas"

Bassick Co., Bridgeport, Conn. "NoMar"

Buckeye Glide Co., 131 E. 23rd, New York, N. Y.

"Buckeye Spring-Kushion," "Spring-Kushion"

(Noiseless)

Collins (Geo. F.) & Co., Sapulpa, Okla. "Hartford  
Glaslide" (Glass)

Colson Corp., Elyria, O.

Domes of Silence, Inc., 35 Pearl, New York, N. Y.

Elastic Tip Co., 370 Atlantic Av., Boston, Mass.

Faultless Caster Corp., Evansville, Ind.

Gould-Mercereau Co., Inc., 189 Lexington Av., New  
York, N. Y. "Times"

Hight (W. T.) Co., Boston, Mass. "Crystal Glider"

Mattatuck Mfg. Co., Waterbury, Conn. "Indian  
Glide"

Onward Mfg. Co., Menasha, Wis.

Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"

Turner & Seymour Mfg. Co., Torrington, Conn.

Turner & Stanton Co., Norwich, Conn. "Slidewell"

Wagner Specialty Co., Burlington, Wis. "Slidelite"

Waterbury Button & Mfg. Co., Waterbury, Conn.

"Noiseless"

**SLIDES, Playground**—See Slides, Toboggan

**SLIDES, Toboggan**

American-National Co., Toledo, O.

American Playground Device Co., Anderson, Ind.

Atlas-Horne Co., 25 West B'way, New York, N. Y.

Everwear Mfg. Co., Springfield, O.

Garton Toy Co., Sheboygan, Wis.

Medart (Fred) Mfg. Co., St. Louis, Mo.

Totbill, W. S., Chicago, Ill.

**SLIDING CASTERS**—See Slides, Furniture

**SLIDING DOOR LATCHES**—See Locks and  
Latches, Door, Sliding

**SLIDING DOOR LOCKS**—See Locks and Latches,  
Door, Sliding

**SLIDING DOOR SHEAVES**—See Sheaves, Sliding  
Door

**SLIDING DOOR TRACKS**—See Tracks, Sliding  
Door

**SLIDING GATES**—See Gates, Folding

**SLIDING-KNIFE HAND LAWN MOWERS**—See  
Mowers, Lawn, Hand, Sliding-Knife

**SLIDING LADDERS**—See Ladders, Store

**SLINGS, Gun and Rifle**

Savage Arms Corp., Utica, New York, N. Y.

**SLINGS, Hay Carrier**

Goshen Mfg. Co., Goshen, Ind. "Hercules," "Stand-  
ard"

Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago,  
Ill.

Louden Mch. Co., Fairfield, Ia. "California,"  
"Carry All," "Handy," "Standard"

Milwaukee Hay Tool Co., Milwaukee, Wis. "Stand-  
ard"

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.

"Sure Lock," "Universal," "Utah"

Ney Mfg. Co., Canton, O. "California," "Standard"

Rochester Barn Equipment Co., Rochester, N. Y.

"Rochester"

Shaw (H. C.) Co., Stockton, Cal. "Powell"

Starline, Inc., Harvard, Ill. "Giant," "Harvard,"  
"Harvester," "O. K.," "Star"

Whitaker Mfg. Co., Chicago, Ill.

**SLINGS, Wire and Manilla Rope**

Roebbling's (John A.) Sons Co., Trenton, N. J.

Upson-Walton Co., 1280 W. 11th, Cleveland, O.

**SLIP HOOKS**—See Hooks, Chain

**SLIP JOINT PLIERS**—See Pliers, Slip Joint

**SLIPPER TREES**—See Trees, Shoe

**SLOYD KNIVES**—See Knives, Manual Training

**SMALL SPRINGS**—See Springs, Small

**SMALL TOOL HANDLES**—See Handles, Tool,  
Small, Etc.

**SMOKERS' SETS**—See Sets, Smokers'

**SMOOTH PIPE WRENCHES**—See Wrenches, Strap

**SNAP HOOKS**—See Hooks, Snap

**SNAP-ON METAL MOULDINGS**—See Mouldings,  
Snap-On, Metal

**SNAPS, Harness**

American Chain Div. American Chain & Cable Co.,  
Inc., Bridgeport, Conn.

Bridgeport Chain & Mfg. Co., Bridgeport, Conn.

"Brown," "Triumph"

Cleveland Chain & Mfg. Co., Cleveland, O.

Covert Mfg. Co., Troy, N. Y. "Holdfast," "King,"  
"Polo," "Queen," "Sterling," "Trojan," "Yan-  
kee"

Eberhard Mfg. Co. Div. Eastern Malleable Iron Co.,  
2734 Tennyson Rd., S.E., Cleveland, O.

Imperial Bit & Snap Co., Racine, Wis.

Jenkinson (R. C.) & Co., 306 Adams, Newark, N. J.

Midland Co., South Milwaukee, Wis.

Moline Iron Wks., Moline, Ill.

North (O. B.) & Co., New Haven, Conn.

North & Judd Mfg. Co., New Britain, Conn. "An-  
chor Brand," "Kingsnap," "Loxapring," "Quick-  
Klose"

Schartow Iron Products Co., Racine, Wis. "Stipeo"

Ushco Mfg. Co., Inc., Buffalo, N. Y.

Washburn Company, Worcester, Mass.

**SNAPS, Swivel**

American Chain Div. American Chain & Cable Co.,  
Inc., Bridgeport, Conn.

Cleveland Chain & Mfg. Co., Cleveland, O.

Covert Mfg. Co., Troy, N. Y. "King," "Polo,"  
"Yankee"

Eberhard Mfg. Co. Div. Eastern Malleable Iron Co.,  
2734 Tennyson Rd., S.E., Cleveland, O.

Enterprise Mfg. Co., Dept. HA, Akron, O. "Strong-  
hold"

Imperial Bit & Snap Co., Racine, Wis.

Laughlin (Thos.) Co., 199 Fore, Portland, Me.

Midland Co., South Milwaukee, Wis.

North & Judd Mfg. Co., New Britain, Conn. "An-  
chor Brand"

Ushco Mfg. Co., Inc., Buffalo, N. Y.

Wilcox, Crittenden & Co., Inc., 77 S. Main, Mid-  
dletown, Conn.

**SNARES, Trapper, Animal**

Kleffman Lock Snare Co., 716 3rd Av., Hibbing,  
Minn. "Klefflock"

**SNATCH BLOCKS**—See Blocks, Tackle, Snatch,  
Etc.

**SNATHS, Scythe**

Derby Ball & Co., Waterbury, Vt.

Marugg Co., Tracy City, Tenn.

Seymour Mfg. Co., Inc., Seymour, Ind.

Sta-Tite Snath Co., Shelbyville, Ind. "Back-Saver,"  
"Sta-Tite"

**SNELLED HOOKS**—See Hooks, Snelled

**SNIPS, Citrus and Garden**

Landers, Frary & Clark, New Britain, Conn. "Uni-  
versal"

**SNIPS, COMPOUND**—See Shears, Compound

**SNIPS, Household**

Bergman Tool Mfg. Co., Buffalo, N. Y. "Blue Bird"

Landers, Frary & Clark, New Britain, Conn. "Uni-  
versal"

Peck, Stow & Wilcox Co., Southington, Conn.

"Pexto"

Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A,  
Newark, N. J. "Easer"

**SNIPS, Pocket**

Bartlett Mfg. Co., 3084 E. Grand Blvd., Detroit,  
Mich.

Peck, Stow & Wilcox Co., Southington, Conn.

"Hawk Bill," "Trojan"

Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A,  
Newark, N. J. "Wiss"

**SNIPS, Tinner's**

Arcade Mfg. Co., Freeport, Ill.

Atlas Shear Co., Bridgeport, Conn.

Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N.Y.

Bartlett Mfg. Co., 3084 E. Grand Blvd., Detroit,  
Mich. "Searlight" (Compound Lever)

Bergman Tool Mfg. Co., Buffalo, N. Y. "Blue Bird"

Berridge Shear Co., Sturgis, Mich.

Boker (H.) & Co., 101 Duane, New York, N. Y.

Clausen Shear Co., Fremont, O.

Clayton Mfg. Co., Bristol, Conn.

Compton (W. H.) Shear Co., 314 Camden, Newark,  
N. J. "Reliance"

# BUILD SALES around these SQUARE VALUES in Hardware and Sporting Goods

## UNION HARDWARE ROLLER SKATES & ICE SKATES

Union Hardware Roller Skates are recognized the country over for their durable construction, easy skating qualities and popular prices. Combining the latest improvements in material and design, these skates are available in a wide range of sizes and styles for both outdoor and rink use. Catalog 18 describes and illustrates the entire line.

The continued popularity of Union Hardware Ice Skates during nearly 80 years of manufacture is a true indication of their merit. Only the very best materials are used. The complete line comprises Hockey, Screw Clamp and Figure Skates. Shown left is No. 1562 Tubular Hockey Skate. See Catalog 35 for other models.

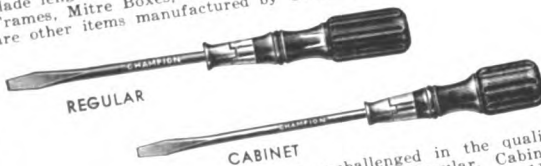


## UNION HARDWARE CHISELS & "CHAMPION" SCREWDRIVERS

No. 110 Socket  
Firmers Chisel



Union Hardware offers a quality-built line of chisels in Socket Firmer, Socket Pocket, Socket Butt, Socket Frammer and Socket Firmer Cabinet Patterns. Blades  $6\frac{1}{4}$ " in length. Blade widths from  $\frac{1}{8}$ " to 2". Plain or leather-tipped hickory handles. Also gouges, outside or inside bevel, 6" blade length and 12 blade widths from  $\frac{1}{8}$ " to 2". Hack Saw Frames, Mitre Boxes, Nail Pullers, Mallets and Tool Handles are other items manufactured by Union Hardware.



"Champion" Screwdrivers stand unchallenged in the quality field. They are offered in five patterns—Regular, Cabinet, Electrician, Machinist and Special. Sizes range from  $1\frac{1}{2}$ " to 30" blade length. See Catalog 13 for descriptions of all tools.

## UNION HARDWARE FISHING TACKLE — RODS & REELS

(Right) No. 58-216 3-piece Split Bamboo Fly Rod with extra tip; but one model in a most extensive line of finely built, flame-tempered split bamboo rods for every type of fresh and salt water fishing.

(Left) No. 4984 1-piece seamless tubular steel Casting Rod. We also offer many styles of steel Trolling and Bait Rods; also telescopic rods.

Catalogs 20 and 21 give construction details and dimensions for all Union Hardware Steel and Bamboo Rods and Reels. Copies are worth having.

## UNION HARDWARE GUN CLEANING IMPLEMENTS



(Above) No. 95 Shot Gun Cleaning Rod. Hard Wood, shellacked, brass trimmings. With wool swab, steel wire brush and wiper. 10 to 28 gauge. Also 410.

(Above) No. 246 Rifle Cleaning Brush. Made with Bristle or Brass wire brush. Twisted brass core and shank. 22 to 50 calibre.

Also included in the Union Hardware line of Gun Accessories are jointed brass shot gun rods, Tomlinson shot gun cleaners, brass rifle cleaning rods, revolver cleaners and shell loading equipment.

# UNION HARDWARE COMPANY

REG. U.S. PAT. OFF.

ESTABLISHED 1854

**TORRINGTON, CONN.**  
NEW YORK OFFICE 151 CHAMBERS STREET



**SNIPS, Tinner's, (Continued)**

Crescent Tool Co., Jamestown, N. Y. "Crescent," "S. & H."  
 Enrich (Philip) & Son, 824 Main, Cincinnati, O.  
 Ennis Mfg. Co., Reading, Pa.  
 Hancock Tool Mfg. Co., Hancock & Oxford, Phila., Pa. "Aviation"  
 Heinisch (R.) Sons Wks., 31 Littleton Av., Newark, N. J.  
 Henkel Co., Fremont, O.  
 Henry & Allen, Inc., 2-36 Wadsworth, Auburn, N. Y. "Haco"  
 Klenk Karl, 107 5th, Wilmington, Del. "Klenk's Aviation"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lyon, Conklin & Co., Inc., Baltimore, Md.  
 Manco Mfg. Co., Bradley, Ill.  
 Niagara Mach. & Tool Wks., Buffalo, N. Y. "Buffalo"  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Stanley Electric Tool Div., Stanley Works, New Britain, Conn. "Mighty Midget," "Unishair" (Electric Hand)  
 Storts (John) & Son, 210 Vine, Phila., Pa.  
 Utica Drop Forge & Tool Corp., Utica, N. Y.  
 Vichek Tool Co., 3006 E. 87th, Cleveland, O.  
 Whitney Metal Tool Co., Rockford, Ill.  
 Wiss (J.) & Sons Co., 33 Littleton Av., Dept. A, Newark, N. J. "Bull Dog," "Hy-Power," "Nugrip," "Scroll-Pivoter," "Wiss"

**SNOW, Artificial**

Fuld, Wm., Baltimore, Md.  
 U. S. Mica Mfg. Co., Forest Park, Ill. "Santa Claus"  
**SNOW BROOMS**—See Brooms, Bamboo; also Brooms, Rattan  
**SNOW FENCE TIES**—See Ties, Snow Fence  
**SNOW FENCES**—See Fences, Snow  
**SNOW GUARDS, Roof**—See Guards, Ice and Snow, Roof  
**SNOW PUSHERS**—See Pushers, Snow  
**SNOW SCOOPS**—See Shovels, Snow  
**SNOW SHOE and SKI HARNESS**—See Harness, Ski and Snow Shoe  
**SNOW SHOES**—See Shoes, Snow  
**SNOW SHOVELS**—See Shovels, Snow  
**SNOW SHOVELS, JUVENILE**—See Shovels, Snow, Juvenile  
**SNOW SKATES**—See Skates, Snow  
**SOAP BOX RACER PARTS**—See Parts, Cart, Racer, Trailer or Wagon, Juvenile  
**SOAP DISHES**—See Dishes, Soap  
**SOAP FLAKE HOLDERS**—See Holders, Cleanser and Soap Flake  
**SOAP HOLDERS**—See Dishes, Soap

**SOAPS and PASTES, Hand**

Armour Soap Wks., Chicago, Ill. "Motorists and Mechanics," "Pumex"  
 Claire Mfg. Co., Chicago, Ill. "Slik"  
 Cleveland Cleaner & Paste Co., 7275 Neville Av., S. W., Cleveland, O. "Apex," "Cleveland," "Painter's Friend"  
 Colgate-Palmolive-Peet Co., 105 Hudson, Jersey City, N. J.  
 Davies-Young Soap Co., Dayton, O. "Whiz"  
 De Mott & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
 Ericka Mfg. Co., Springfield, Mass. "Itsaifine"  
 Fiebing Chemical Co., Milwaukee, Wis. "Presto"  
 Flash Chemical Co., Cambridge, Mass. "Flash"  
 Giddlen Co., Madison Av. & Berea Rd., Cleveland, O. "Slick"  
 Hartwell Bros., Memphis, Tenn. "Burl" (Powdered)  
 Hollingshead (R. M.) Co., Camden, N. J. "Krystal Solitor"  
 Indianapolis Soap Co., Indianapolis, Ind. "Pumola"  
 Insto Co., 110 Center, Los Angeles, Cal.  
 International Metal Polish Co., Indianapolis, Ind. "Blue Ribbon"  
 Lavo Co. of America, 300 N. 7th, Milwaukee, Wis. "Oliveene"  
 Livingston Co., New Haven, Conn. "I. C. U."  
 New York Lubricating Oil Co., 116 Broad, New York, N. Y. "Monogram"  
 Northwestern Chemical Co., Marietta, O. "Norweco"  
 Samoline Corp., Chicago, Ill.  
 Sherwin-Williams Co., Cleveland, O. "Flaxoap"  
 Skat Co., Hartford, Conn. "Skat"  
 Stanley (John T.) Co., 30th and North River, New York, N. Y. "Mobo," "Shofor"  
 Triplewear Brake Linings Corp., 37 Kentucky Av., Paterson, N. J. "Dijit"  
 Utility Co., 686 W. 44th, New York, N. Y. "Gre-Solvent"  
 Vanco Co., Inc., Manchester, Conn. "Vanco"  
 Wenzelmann Mfg. Co., Galesburg, Ill.

**SOAPS, Animal, Dog, Etc.**

Bonide Chemical Co., Inc., Utica, N. Y. "Dogzop"  
 Levy, G. Anderson, 631 Penn Av., Pittsburgh, Pa. "Lag"  
 Polk Miller Products Corp., Richmond, Va.  
 Spratts Patent, Ltd., 14 Congress, Newark, N. J.

**SOAPS, Harness**

Asco Chemical Co., 641 Lexington Av., Bklyn., N. Y. "Asco"  
 Baum's Castorine Co., Rome, N. Y.  
 Fiebing Chemical Co., Milwaukee, Wis.  
 Hollingshead (R. M.) Corp., Camden, N. J.

**SOAPS, Liquid**

Baum's Castorine Co., Rome, N. Y.  
 Boyer Chemical Laboratory Co., Chicago, Ill.  
 Carpenter (W. D.) Co., Syracuse, N. Y.  
 Flash Chemical Co., Cambridge, Mass.  
 Galena Mfg. Co., Galena, Ill. "Superior"  
 Harvey Research, 276 Devonshire, Boston, Mass.  
 Interstate Mfg. Co., Wollaston, Mass. "Soapperfect"  
 Murphy-Phoenix Co., 9505 Cassius Av., Cleveland, O. "Murphy's"  
 Orient Spray Co., Boston, Mass.  
 Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y. "Wonder"  
 Vaporine Co., 216 B. W. Kinzie, Chicago, Ill.

**SOAPS, Saddle**

Asco Chemical Co., 641 Lexington Av., Bklyn., N. Y. "Asco"  
 Hollingshead (R. M.) Corp., Camden, N. J.  
 Hurff, Geo. B., Sewell, N. J.

**SOAPS, Shaving**

American Safety Razor Corp., 303 Jay, B'klyn, N. Y. "Ever-Ready"  
 Colgate-Palmolive-Peet Co., 105 Hudson, Jersey City, N. J.  
 Mennen Co., 345 Central, Newark, N. J.  
 Rolls Razor, Inc., 342 Madison Av., New York, N. Y. "Rolls"  
 Williams (J. B.) Co., Glastonbury, Conn.

**SOAPS, Stock**—See Soaps, Animal, Dog, Etc.  
**SOAPSTONE GRIDDLES**—See Griddles, Soapstone  
**SOCCER BALLS**—See Balls, Soccer  
**SOCKET BOLTS**—See Bolts, Ring  
**SOCKET HEAD CAP SCREWS**—See Screws, Cap, Socket Head  
**SOCKET HEAD SCREW WRENCHES**—See Wrenches, Screw, Hollow Set & Socket Head  
**SOCKET HEAD SHOULDER SCREWS**—See Screws, Shoulder, Socket Head  
**SOCKET LOCATORS**—See .Pendants, Luminous, Radium  
**SOCKET PLUGS**—See Plugs, Socket, Electric  
**SOCKET WRENCH SETS**—See Sets, Socket Wrench  
**SOCKET WRENCHES**—See Wrenches, Socket

**SOCKETS and SLEEVES, Drill**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Cleveland Twist Drill Co., Cleveland, O.  
 Etna Twist Drill Co., Taunton, Mass.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "GTD"  
 Keystone Mfg. Co., Buffalo, N. Y.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 New Process Twist Drill Co., Taunton, Mass.  
 Pratt & Whitney Co., Hartford, Conn.  
 Scully-Jones & Co., Chicago, Ill.  
 Standard Tool Co., Cleveland, O.  
 Union Twist Drill Co., Athol, Mass.  
 Whitman-Barnes-Detroit Corp., Detroit, Mich.

**SOCKETS, Chain, Attachment**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Bryant Elec. Co., Bridgeport, Conn. "Hemco"  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, B'klyn, N. Y.  
 H. & O. Chain Company, Norwalk, Conn.  
 Hubbell (Harvey), Inc., Bridgeport, Conn.  
 Leviton Mfg. Co., 236 Greenpoint Av., B'klyn, N.Y. "Meteor"  
 Paulding (John I.), Inc., New Bedford, Mass.  
 Scovill Mfg. Co., Waterbury, Conn.  
 Weber Electric Co., Schenectady, N. Y.  
 Wirt Co., Germantown, Phila., Pa. "Dim-A-Light"

**SOCKETS, Detachable Head**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.

**SOCKETS, Key**—See Plugs, Sockets, Electric

**SOCKETS, Lamp**

American Automatic Electric Sales Co., 1033 W. Van Buren, Chicago, Ill. "Ajax"  
 Anylite Elec. Co., Fort Wayne, Ind.  
 Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Benjamin Elec. Mfg. Co., Des Plaines, Ill. "Benco"  
 Bryant Elec. Co., Bridgeport, Conn. "New Wrinkle," "Wrinklet"  
 Circle F. Mfg. Co., Trenton, N. J.  
 Connecticut Elec. Mfg. Co., Bantam, Conn.  
 Connecticut Molded Products Corp., Meriden, Conn.  
 Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
 Eagle Electric Mfg. Co., 59 Hall, B'klyn, N. Y.  
 "Twinklite"

Hubbell (Harvey), Inc., Bridgeport, Conn. "Quick Catch"  
 Leviton Mfg. Co., 236 Greenpoint Av., B'klyn, N.Y. "Meteor"  
 Line Material Co., South Milwaukee, Wis.  
 McGill Mfg. Co., Valparaiso, Ind.  
 Monowatt Electric Corp., 570 Lexington Av., New York, N. Y.  
 Pass & Seymour, Syracuse, N. Y.  
 Paulding (John I.), Inc., New Bedford, Mass.  
 Rodale Mfg. Co., 25 W. B'way, New York, N. Y.  
 Watson (J. E.) Mfg. Co., Phila., Pa.  
 Weber Electric Co., Schenectady, N. Y.  
 Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.  
 Wirt Co., Germantown, Phila., Pa.  
 Woodhead (Daniel) Co., 15 N. Jefferson, Chicago, Ill. "Watertite" (Rubber)

**SOCKETS, Pole and Rod, Curtain**

Alto Mfg. Co., Chicago, Ill.  
 Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Handy Things Mfg. Co., Ludington, Mich.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Kenney Mfg. Co., Cranston, R. I. "Drapewell"  
 Kirsch Co., Sturgis, Mich.  
 Winsted Hdw. Mfg. Co., Winsted, Conn.

**SOCKETS, Pole, Flag**

Corbin, P. & F., New Britain, Conn.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Judd (H. L.) Co., Inc., Wallingford, Conn.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**SOCKETS, Reducer**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
 Benjamin Elec. Mfg. Co., Des Plaines, Ill.  
 Eagle Electric Mfg. Co., Inc., 59 Hall, B'klyn, N. Y.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Pass & Seymour, Syracuse, N. Y.

**SOCKETS, Sash**

Barrows Lock Wks., of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Champion Hardware Co., Geneva, O.  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Ives (H. B.) Co., New Haven, Conn.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Sager Lock Wks. of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Yale & Towne Mfg. Co., Stamford, Conn.  
**SOCKETS, Rod**—See Sockets, Pole and Rod

**SOCKETS, Wire Rope**

American Cable Div. American Chain & Cable Co., Inc., Wilkes-Barre, Pa.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O.  
 Hazard Wire Rope Div. American Chain & Cable Co., Inc., Wilkes-Barre, Pa.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me. (Drop Forged)  
 Mockbee (C. M.) Co., Cincinnati, O.  
 Newhall Chain, Forge & Iron Co., 48 W. B'way, New York, N. Y.  
 Roebbling's (John A.) Sons Co., Trenton, N. J.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Wilcox, Crittenden & Co., Inc., 77 Main, Middletown, Conn.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan"

**SOD LIFTERS**—See Lifters, Sod

**SODA FOUNTAIN GLASS WARE**—See Ware, Glass, Bar, Hotel, Soda Fountain & Hospital  
**SODA SPOONS**—See Spoons, Iced Tea and Soda  
**SOFT BALL SHOES**—See Shoes, Soft Ball  
**SOFT FACE HAMMERS**—See Hammers, Soft Face  
**SOFT METAL HAMMERS**—See Hammers, Soft Metal

**SOFTENERS, Water**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 American Water Softener Co., S. E. cor. 4th & Lehigh Av., Phila., Pa.  
 Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Rainy Day"  
 Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
 Duro Co., Inc., 537 E. Monument Av., Dayton, O.  
 Elgin Softener Corp., Elgin, Ill.  
 Fort Wayne Eng. & Mfg. Co., Fort Wayne, Ind. "Paul"  
 Graver Tank & Mfg. Co., Inc., 6300 Todd Av., East Chicago, Ind.  
 Modern Water Softener Co., 180 N. Wacker Drive, Chicago, Ill.  
 Omar Products Co., 1374 E. Hudson, Columbus, O. "Omar"

# EVANOIL AND EVANAIR

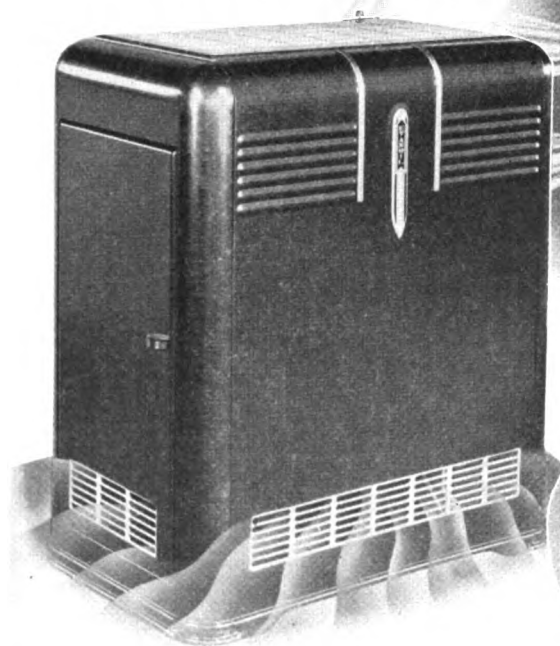
★ EVANOIL— *the Outstanding Name in Oil Heaters*

★★ EVANAIR— *the Gas Heaters with Evans' Famous Features*

*the* **NATION'S  
MOST BEAUTIFUL  
HEATERS!**

*and the* **GREATEST  
SELLING FEATURES  
of any heaters in  
America!**

*Exclusive*  
**FAN-FORCED  
FLOOR-LEVEL HEAT**  
*30 "year-ahead" features*



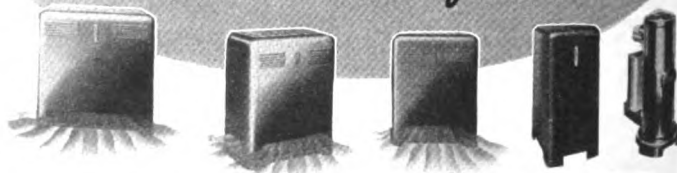
Look the field over and make comparisons. Then you'll see why it is almost impossible to exaggerate Evans' rightful claim to leadership.

Look at EVANOIL and EVANAIR STYLING — years ahead! Compare their great line-up of SELLING FEATURES — unmatched anywhere!

Find, if you can, any other feature that even approaches Evans' Fan-Forced Reversed Floor-Level Heat! Then try to match any one of a dozen other Evans features in these great year-ahead heaters for oil or gas.

Evanoil and Evanair are natural born sales leaders! Complete lines for modern Step-Up Selling. *New, low prices* so you won't need to miss a sale. Plus a dynamic prospect-finding program that brings heater buyers to your store.

Mail the coupon today for full information on the year's greatest heater opportunity!



Ten models in the EVANOIL oil-burning line — Forced-Aire, Standard Circulators, Dual Heaters, Radiant Heaters. Six EVANAIR gas-fired models — Forced-Aire and Standard Circulators.

EVANAIR DIVISION, Evans Products Co.,  
Dept. 17 Detroit, Michigan

Send for free 1940 Catalog on

☐ EVANOIL Oil-Burning Heaters ☐ EVANAIR Gas-Fired Heaters and full details of ☐ Dealer Franchise ☐ Distributor Franchise.

Name.....

Address.....

Mention H

re Age When Writing

Google

**SOFTENERS, Water (Continued)**

Patent Cereals Co., Geneva, N. Y. "Dic-A-Daily"  
 Permutit Co., 330 W. 42nd, New York, N. Y.  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Stover Water Softener Co., St. Charles, Ill. "Stover"  
 Uniflow Mfg. Co., Erie, Pa. "Uniflow"  
**SOIL IRRIGATORS**—See Irrigators, Soil  
**SOIL PIPE**—See Pipe, Cast Iron, Soil  
**SOIL TESTERS**—See Testers, Soil

**SOLDER, Acid Core**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., B'klyn., N. Y.  
 Consolidated Metals Corp., 5535 Woodward Av., Detroit, Mich. "Motex"  
 Division Lead Co., Chicago, Ill. "Divco"  
 Dunton (M. W.) Co., Providence, R. I. "Gem," "Ideal," "Nokorode"  
 Gardiner Metal Co., 4821 So. Campbell Av., Chicago, Ill. "Airline"  
 Glaser Lead Co., Inc., 31 Wyckoff Av., B'klyn, N. Y.  
 Heck Metal Co., Baltimore, Md.  
 Kester Solder Co., 4208 Wrightwood Av., Chicago, Ill. "Kester, Jr.," "Kester Metal Mender"  
 Lenk Mfg. Co., Newton Lower Falls, Mass.  
 National Lead Co., 111 B'way, New York, N. Y. "Dutch Boy"  
 New York Solder Co., Inc., 15 Crosby, New York, N. Y. "Standard," "Sure-Flux"  
 Ruby Chemical Co., 58 McDowell, Columbus, O. "Rubyfluid"

**SOLDER, Aluminum**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Alumi-Soder"  
 Alpha Metal & Rolling Mills, Inc., 363 Hudson Av., B'klyn, N. Y.  
 Aluminum Co. of America, Pittsburgh, Pa.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., B'klyn., N. Y.  
 Consolidated Metals Corp., 5535 Woodward Av., Detroit, Mich. "Motex"  
 Federated Metals Corp., Chicago, Ill.  
 Gardiner Metal Co., 4821 So. Campbell Av., Chicago, Ill.  
 Johnson (Lloyd S.) Co., 2241 Indiana Av., Chicago, Ill. "Alumaweld"  
 Kester Solder Co., 4208 Wrightwood Av., Chicago, Ill. "Kester"  
 Lenk Mfg. Co., Newton Lower Falls, Mass. Super Brand  
 Modern Metal Products Co., 581 Boylston, Boston, Mass. "Supreme"  
 National Aluminum Co., Racine, Wis. "Stick-Well"  
 National Bearing Metals Corp., St. Louis, Mo. "Tiger"  
 Reinhold Noflux Aluminum Solder Co., 31 Clinton, Newark, N. J.  
 United Smelting & Aluminum Co., New Haven, Conn.

**SOLDER, Automobile Body**

Eagle-Picher Lead Co., Cincinnati, O.

**SOLDER, Bar and Wire**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 American Lead Co., Pittsburgh, Pa.  
 American Smelting & Refining Co., San Francisco, Cal.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., B'klyn, N. Y.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Consolidated Metals Corp., 5535 Woodward Av., Detroit, Mich. "Motex"  
 Division Lead Co., Chicago, Ill. "Divco"  
 Dunton (M. W.) Co., Providence, R. I. "Gem," "Ideal," "Nokorode"  
 Eagle-Picher Lead Co., Cincinnati, O. "52 Joint-seal"  
 Empire Metal Co., Syracuse, N. Y. "Emetco"  
 Federated Metals Corp., Chicago, Ill.  
 4-A Products Co., Denver, Colo. "Mendall"  
 Gardiner Metal Co., 4821 So. Campbell Av., Chicago, Ill.  
 Heck Metal Co., Baltimore, Md.  
 Johnson (Lloyd S.) Co., 2241 Indiana Av., Chicago, Ill. "Alumaweld"  
 Kahn Bros., 785 Humboldt, B'klyn, N. Y. "Victory"  
 Kester Solder Co., 4208 Wrightwood Av., Chicago, Ill. "Kester, Jr.," "Kester Metal Mender"  
 Lehman Bros., Hoboken, N. J.  
 Lenk Mfg. Co., Newton Lower Falls, Mass. "Super"  
 Lewis (John T.) & Bros. Co., Phila., Pa.  
 Lisberger (Marks) & Son, 281 Borden Av., Long Island City, N. Y.  
 Magnolia Metal Co., Elizabeth, N. J.  
 Michigan Smelting & Refining Co., Detroit, Mich.  
 Milcor Steel Co., Milwaukee, Wis.  
 Nassau Smelting & Refining Co., Inc., 50 Church, New York, N. Y.  
 National Bearing Metals Corp., St. Louis, Mo.  
 National Lead Co., 111 B'way, New York, N. Y. "Dutch Boy," "Hoyt"  
 National Smelting & Refining Co., Detroit, Mich.  
 Pittsburgh White Metal Co., Pittsburgh, Pa. "Rinehart"  
 Riverside Metal Refining Co., Connellsville, Pa.  
 United American Metals Corp., 200 Diamond, B'klyn, N. Y.

**SOLDER, Pig**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., B'klyn, N. Y.  
 Federated Metals Corp., Chicago, Ill.  
 Gardiner Metal Co., 4821 So. Campbell Av., Chicago, Ill.  
 National Lead Co., 111 B'way, New York, N. Y.  
 National Smelting & Refining Co., Detroit, Mich.  
**SOLDER, PLASTIC**—See Metal, Plastic  
**SOLDER POTS**—See Pots, Melting

**SOLDER, Rosin Core**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., B'klyn., N. Y.  
 Division Lead Co., Chicago, Ill. "Divco"  
 Dunton (M. W.) Co., Providence, R. I. "Gem," "Ideal," "Nokorode"  
 Gardiner Metal Co., 4821 So. Campbell Av., Chicago, Ill.  
 Glaser Lead Co., Inc., 31 Wyckoff Av., B'klyn, N. Y.  
 Heck Metal Co., Baltimore, Md.  
 Kester Solder Co., 4208 Wrightwood Av., Chicago, Ill. "Kester, Jr.," "Kester Metal Mender"  
 Lenk Mfg. Co., Newton Lower Falls, Mass.  
 National Lead Co., 111 B'way, New York, N. Y. "Dutch Boy"  
 New York Solder Co., Inc., 15 Crosby, New York, N. Y. "Standard," "Sure-Flux"  
 Paramount Wire Co., Inc., 98 Bleecker, New York, N. Y.  
 Ruby Chemical Co., 58 McDowell, Columbus, O. "Rubyfluid"

**SOLDER, Self-Fluxing**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 American Solder & Flux Co., 2152 E. Norris, Phila., Pa. "Tinol"  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., B'klyn., N. Y.  
 Division Lead Co., Chicago, Ill. "Divco"  
 Dunton (M. W.) Co., Providence, R. I. "Gem," "Ideal," "Nokorode"  
 Eagle-Picher Lead Co., Cincinnati, O.  
 Gardiner Metal Co., 4821 So. Campbell Av., Chicago, Ill.  
 Kester Solder Co., 4208 Wrightwood Av., Chicago, Ill. "Kester, Jr.," "Kester Metal Mender"  
 Lenk Mfg. Co., Newton Lower Falls, Mass.  
 National Lead Co., 111 B'way, New York, N. Y. "Dutch Boy"  
 New York Solder Co., Inc., 15 Crosby, New York, N. Y. "Standard," "Sure-Flux"  
 Ruby Chemical Co., 58 McDowell, Columbus, O. "Rubyfluid"

**SOLDER, Silver**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 Ambler Saw Mfg. Co., Natick, Mass.  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., B'klyn., N. Y.

**SOLDER, Stainless Steel**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 Belmont Smelting & Refining Works, Inc., 317 Belmont Av., B'klyn., N. Y.  
 Johnson (Lloyd S.) Co., 2241 Indiana Av., Chicago, Ill. "Alumaweld"

**SOLDER, Wire—See Solder, Bar and Wire**

**SOLDERING COPPERS**—See Coppers. Soldering: also Coppers, Soldering, Self-Heating

**SOLDERING FLUID**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 American Chemical Paint Co., Ambler, Pa. "Flosol Cream"  
 American Solder & Flux Co., 2152 E. Norris, Phila., Pa. "Amco," "Tinol"  
 Atkins (E. C.) Co., Indianapolis, Ind.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., B'klyn, N. Y.  
 Boyer Chemical Laboratory Co., Chicago, Ill.  
 Burnley Battery & Mfg. Co., North East, Pa.  
 Dunton (M. W.) Co., Providence, R. I. "Nokorode"  
 Kester Solder Co., 4208 Wrightwood Av., Chicago, Ill.  
 McGill Mfg. Co., Valparaiso, Ind. "Crescent," "Star"  
 Pfanstiehl Chemical Co., Waukegan, Ill. "SpecO"  
 Reade Mfg. Co., Inc., 195 Hoboken Av., Jersey City, N. J.  
 Retax Mfg. Co., 24 Bathgate Pl., Newark, N. J.  
 Ruby Chemical Co., 58 McDowell, Columbus, O. "Rubyfluid"  
 Wayne Chemical Products Co., Copeland & M.C.R.R., Detroit, Mich. "Wayne"

**SOLDERING FLUXES**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 Alumaweld Co. of America, 2440 S. Parkway, Chicago, Ill. "Alumaweld"  
 American Chemical Paint Co., Ambler, Pa. "Flosol Cream"  
 American Solder & Flux Co., 2152 E. Norris, Phila., Pa. "Amco," "Tinol"  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., B'klyn, N. Y.  
 Benson (Alex. R.) Co., Hudson, N. Y. "Yagers"  
 Boyer Chemical Laboratory Co., Chicago, Ill.  
 Burnley Battery & Mfg. Co., North East, Pa.  
 Dunton (M. W.) Co., Providence, R. I. "Nokorode"  
 Grasselli Chemicals Dept., du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Kleanrol," "Snowflake"  
 Johnson (Lloyds) Co., 2241 Indiana Av., Chicago, Ill. "Alumaweld," "Tin Ezy"  
 Kester Solder Co., 4208 Wrightwood Av., Chicago, Ill.  
 Lenk Mfg. Co., Newton Lower Falls, Mass.  
 McGill Mfg. Co., Valparaiso, Ind. "Crescent," "Star"  
 National Lead Co., 111 B'way, New York, N. Y. "Excelsior"  
 Pfanstiehl Chemical Co., Waukegan, Ill. "SpecO"  
 Reade Mfg. Co., Inc., 195 Hoboken Av., Jersey City, N. J.  
 Retax Mfg. Co., 24 Bathgate Pl., Newark, N. J.  
 Ruby Chemical Co., 58 McDowell, Columbus, O. "Rubyfluid"  
 Soldering Products Co., Oak Lawn, R. I. "Lightning"  
 Sunshine (John) Chemical Co., Inc., 604 W. Lake, Chicago, Ill. "Mitee"  
 Wayne Chemical Products Co., Copeland & M.C.R.R., Detroit, Mich. "Wayne"

**SOLDERING PASTES**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 American Solder & Flux Co., 2152 E. Norris, Phila., Pa. (Amco)  
 Benson (Alex. R.) Co., Hudson, N. Y. "Yagers"  
 Boyer Chemical Laboratory Co., Chicago, Ill.  
 Burnley Battery & Mfg. Co., North East, Pa.  
 Dunton (M. W.) Co., Providence, R. I. "Nokorode"  
 Economy Plumber Co., 39 Lispenard, New York, N. Y. "Economy Plumber"  
 Grasselli Chemicals Dept., du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 McGill Mfg. Co., Valparaiso, Ind. "Crescent," "Star"  
 Pfanstiehl Chemical Co., Waukegan, Ill. "SpecO"  
 Ruby Chemical Co., 58 McDowell, Columbus, O. "Rubyfluid"  
 Soldering Products Co., Oak Lawn, R. I. "Lightning"  
 Sunshine (John) Chemical Co., Inc., 604 W. Lake, Chicago, Ill. "Mitee"

**SOLDERING SALTS**

Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Av., Chicago, Ill. "Allen"  
 American Solder & Flux Co., 4525 Wayne Av., Phila., Pa. "Amco"  
 Benson (Alex. R.) Co., Inc., Hudson, N. Y. "Yagers"  
 Boyer Chemical Laboratory Co., 2700 S. Wabash Av., Chicago, Ill.  
 Burnley Battery & Mfg. Co., North East, Pa.  
 Dunton (M. W.) Co., Providence, R. I. "Nokorode"  
 McGill Mfg. Co., Valparaiso, Ind.  
 Reade Mfg. Co., Inc., 195 Hoboken Av., Jersey City, N. J.

**SOLDERING FURNACES—See Furnaces and Torches, Gasoline and Kerosene****SOLDERING IRON HANDLES—See Handles, Soldering Iron****SOLDERING IRONS—See Coppers, Soldering; also Iron, Soldering, Electric****SOLDERING MACHINES—See Machines, Soldering****SOLDERING OILS—See Oils, Soldering****SOLDERING SETS—See Sets, Soldering****SOLDERLESS TUBING CONNECTIONS—See Couplings, Compression****SOLDIERS, Toy**

Barclay Mfg. Co., 567-9th, West New York, N. J.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Make-A-Toy Co., 1696 Boston Rd., New York, N. Y.  
 Wright (J. L.), Inc., Chicago, Ill. (Metal)  
**SOLE MENDERS**—See Menders, Sole & Heel  
**SOLE STRIPS**—See Strips, Leather, Sole  
**SOLES, Cut—See Soles and Heels**

**SOLES and HEELS, Leather**

(See also Strips, Leather; Sole; also Taps, Shoe)  
 Berman Cut Sole Co., 35 Lincoln, Boston, Mass.  
 Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Graton & Knight Co., Worcester, Mass.  
 Hagerstown Leather Co., Inc., Hagerstown, Md.  
 Howard (J. W. & A. P.) Co., Corry, Pa. "Korry Krome"  
 Karno (L.) & Co., 721 W. 13th, Chicago, Ill.  
 U. S. Leather Co., 27 Spruce, New York, N. Y. "Allen," "Steerhead"  
 Wilder & Company, 1038 N. Crosby, Chicago, Ill. "Acorn," "Bull-Frog Chrome," "Golden Oak," "Hard-Wear," "Lion," "Long-Wear"





## Bicycles and Children's Vehicles



**The Colson "Trike" No. 02216**—A deluxe vehicle for children from 4 to 8 years.  $1\frac{1}{4}$ " tubular steel frame, ball bearing wheels with single tube pneumatic balloon tires, Texas steer handle bar, J-29 saddle with coil springs, chain guard, bicycle type pedals and coaster brake. Maroon or green with white trim.



**Popular Ball Bearing Tubular Velocipede—No. 461 Series.** Puncture proof semi-pneumatic tires.  $1\frac{1}{4}$ " tubular frame with all steel forged fork, ball bearing pedals, nickel plated cranks, tubular handlebar with rubber grips, No. J-29 saddle; complete with bell, mud guard, auto type hub caps, and step plate. Dark green or maroon with ivory trim.

### BICYCLES FOR MEN AND WOMEN

**Men's Model 04360**—A double bar streamlined deluxe bicycle. Drop forged fork with chromium plated truss rods, double tube balloon tires with white sidewalls, chromium plated rims, chromium plated and polished cranks, Torrington pedals, Texas steer handle bar, compound spring saddle, tank with built-in horn, polished aluminum headlight, tubular luggage carrier. Wide selection of color combinations. No. 06360—ladies'

model same specifications as 04360 except women's style frame and netted skirt guard.

**Tandem Model 2610**—Drop style frame in front, diamond frame in rear. Steering controlled by both riders. All forged fork with chrome truss rods. New Departure front hub, coaster brake rear hub, chrome steel rims with double tube balloon tires. Enameled chain guards. Wide choice of color combinations.



**Model 6074-65 Hand Truck**—A popular truck both for hardware store use as well as a profitable selling item. Rubber tired, ball bearing wheels, strong, durable frame, wood handles. Colson makes practically any type of hand and platform truck.

SEND FOR COLSON CATALOGS—Tell us what items of Colson manufacture in which you are interested and we'll gladly mail complete catalogs.



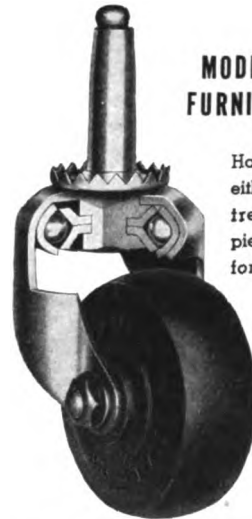
**Colson Lift Jack System**—Principal unit is two-wheeled jack which engages two wheeled platform converting it into a four wheeled truck. Handles heavy loads in narrow quarters. Rubber-tired, ball bearing wheels. One lift jack and several platforms provide an ideal warehouse handling system.



## Profit WITH COLSON CASTERS

EVERY home, office and factory is a prospect for casters. Colson casters represent the highest quality obtainable—but are priced to give you a satisfactory profit. The complete Colson line includes casters to meet practically any need.

### MODEL 1-2052-31 FURNITURE CASTER



Has ball bearing and either cushion or hard tread wheel. One piece stamped steel fork, oversize stem with adapter and toothed base, shouldered axle. Packed in sets of four for the retail trade.

### MODEL 2-3056-65 TRUCK CASTER

A flat top, ball bearing swivel caster with double steel disc wheels and cushion rubber tires. Can be applied to any flat, horizontal surface.



### MODEL 4-514-74 STEM TYPE CASTER

is for attaching to tubular or angle iron legs. Ball bearing swivel and rubber tired wheels. 4, 5, 8 or 10" diameter.



Colson also supplies chair back, corner and strip bumpers, rubber foot pads and furniture glides. Write for literature.

# THE COLSON CORPORATION

ELYRIA, OHIO

Offices and Agencies in Principal Cities

Castors • Industrial Trucks and Platforms • Lift Jack Systems • Bicycles • Children's Vehicles • Wheel Chairs  
Wheel Stretchers • Inhalators • Tray Trucks • Dish Trucks • Instrument Tables



**SOLES and HEELS, Rubber**

Atlantic Mfg. Co., Wilmington, Del. "Pyramid Rubber," "Pep-Step"  
 Auburn Rubber Corp., Auburn, Ind. "Big Value," "Cush-I-Tred," "Sa Vet," "Sticks-Ons," "Super," "U-Stik-On"  
 Brockman (Oscar) Co., Louisville, Ky. "Di-mon-ex"  
 Catspaw Rubber Co., Inc., 16 W. Hamilton, Baltimore, Md.  
 Converse Rubber Shoe Co., Malden, Mass.  
 Dryden Rubber Co., Chicago, Ill.  
 Essex Rubber Co., Trenton, N. J. "Tite-Edge"  
 Firestone Footwear Co., Hudson, Mass.  
 Fisk Tire Co., Chillicothe Falls, Mass.  
 Goodrich (B. F.) Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Gross Wm. M., Sharon, Pa. "Fyretest"  
 Hale (Alfred) Rubber Co., Atlantic, Mass.  
 Holrite Mfg. Co., Baltimore, Md. "Jax," "Sta-On"  
 I. T. S. Co., Elyria, O.  
 Las-Stik Mfg. Co., Hamilton, O.  
 Monarch Rubber Co., Inc., Conkling, Baltimore, Md.  
 O'Sullivan Rubber Co., Inc., 366 Madison Av., New York, N. Y.  
 Penco Rubber Co., Chelsea, Mass. "Monogram," "Panther," "Victor"  
 Panther Rubber Mfg. Co., Stoughton, Mass.  
 Pennsylvania Rubber Co., Jeanette, Pa.  
 Perfect Mfg. Co., Cincinnati, O. "Savaseal"  
 Plymouth Rubber Co., Inc., Canton, Mass. "Slipknot"  
 Polson Rubber Co., Garrettsville, O. "I.X.L."  
 Quabug Rubber Co., North Brookfield, Mass.  
 Rainbow Rubber Co., Butler, Pa. "Stik-Kwik"  
 Republic Rubber Corp., Youngstown, O.  
 Rubber Products Co., Barberton, O.  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Blue Ribbon," "Daisy"  
 Serton Rubber Co., Dayton, O. "Derby," "Sert-On," "Sturdee"  
 So-Lo Wks., Cincinnati, O. "So-Lo"  
 Sweet (E. A.) Co., Inc., Binghamton, N. Y. "Paracord"  
 Taunton Rubber Co., Franklin, Mass.  
 United States Rubber Co., 1230 6th Av., New York, N. Y.  
 Van Cleef Bros., Woodlawn Av. to 78th, Chicago, Ill. "Last-Long"

**SOLID PUNCHES—See Punches, Solid****SOLID TOOTH SAWS—See Saws, Circular****SOLIDIFIED MARKING PAINTS—See Paints, Marking, Solidified****SOLVENTS, Drain Pipe—See Solvents, Sewer and Drain Pipe****SOLVENTS, Nitro Powder**

Fur Fame Bait Co., Fremont, O.  
 Hooper (Frank A.) Inc., 2314-H N. 8th, Phila., Pa.  
 McCambridge & McCambridge Co., 12 L. S. E. Washington, D. C. "Fiendoil"  
 Remington Arms Co., Inc., Bridgeport, Conn. "Remington"  
 Savage Arms Corp., Utica, N. Y.

**SOLVENTS, Sewer and Drain Pipe**

Allen (L. B.) Co., Inc., 6731 Bryn Mawr Av., Chicago, Ill. "Drain Kleen"  
 Babbitt (B. T.), Inc., 386 Fourth Av., New York, N. Y.  
 Barnett Chemical Co., 410 Sullivan, Chicago, Ill.  
 Blue Seal Chemical Co., Roselle, N. J.  
 Chamberlain-Haber Chemical Co., Cleveland, O. "Presto"  
 Cooper Sanitary Mfg. Co., Phila., Pa. "Red Label"  
 Dolge (C. B.) Co., Westport, Conn.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Little Wonder"  
 Economy Plumber Co., 39 Lispenard, New York, N. Y. "Economy Plumber"  
 Heller (B.) & Co., Chicago, Ill. "Oso"  
 House (Chas. F.) Mfg. Co., Inc., Omaha, Neb.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Universal"  
 Norristown Asbestos Mfg. Co., 29 Lewis Wharf, Boston, Mass. "Mecco"  
 San-Equip Inc., E. Brighton & Glen Aves., Syracuse, N. Y. "San"  
 United Gilsonite Laboratories, Scranton, Pa. "Ejecto"

**SOOT DESTROYERS—See Destroyers, Soot****SORGHUM EVAPORATORS—See Evaporators, Cane, Sorghum and Maple Syrup****SOUP STRAINERS—See Strainers, Jelly, Etc.****SOWERS, Grass Seed, Hand**

Ace Seeder & Mfg. Co., Joliet, Ill. "Ace"  
 Crown Mfg. Co., Phelps, N. Y. "Crown"  
 Cyclone Mfg. Co., Urbana, Ind. "Cyclone," "Fiddle Bow," "Horn," "Little Giant"  
 Goodell Co., Antrim, N. H. "Caboon"

**SOY BEAN OIL PAINTS—See Paints, Soy Bean Oil****SPACE COOLERS—See Air Conditioners****SPACE HEATERS, COAL OR WOOD—See Heaters, Circulating, Coal or Wood****SPACE HEATERS, OIL BURNING—See Heaters, Circulating, Oil Burning****SPADE HANDLES—See Handles, Scoop, Spade and Shovel****SPADES and SHOVELS—See Shovels, Spades and Scoops****SPADES, Collapsible—See Shovels, Spades and Scoops****SPADES, Concrete—See Shovels, Concrete****SPADES, Ditching and Drain**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
 Iwan Bros., South Bend, Ind.  
 Wood Shovel & Tool Co., Piqua, O.  
**SPADES, Drain—See Spades, Ditching and Drain; also Shovels, Spades and Scoops**

**SPADES, Garden**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Little Giant"  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O. "Country Gentleman," "Ground Hog"  
 Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
 Pfeiffer (John) Co., 222 Race, Phila., Pa.  
 Union Fork & Hoe Co., Columbus, O. "Razor-Back," "Speedy"  
 Wood Shovel & Tool Co., Piqua, O.

**SPADES, Nursery**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
 Pfeiffer (John) Co., 222 Race, Phila., Pa.  
 Union Fork & Hoe Co., Columbus, O. "Union"  
 Wood Shovel & Tool Co., Piqua, O.

**SPADES, Post**

American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
 Wood Shovel & Tool Co., Piqua, O.

**SPADES, Tiling**

Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
 Iwan Bros., South Bend, Ind.  
**SPADES, Toy—See Seta, Garden, Toy**  
**SPADING FORKS—See Forks, Garden**

**SPANNERS, Hose**

Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

**SPANNERS, Pin**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.

**SPAR VARNISHES—See Varnishes, Spar****SPARE TIRE LOCKS—See Locks, Spare Tire****SPARK GUARDS—See Guards, Spark, Fireplace****SPARK LIGHTERS—See Lighters, Gas****SPARK PLUG WRENCHES—See Wrenches, Spark Plug****SPARK PLUGS—See Plugs, Spark****SPARROW TRAPS—See Traps, Sparrow****SPATULAS**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
 Chief Products Co., 701 E. 59th, Los Angeles, Cal. "Chief"  
 Clyde Cutlery Co., Clyde, O.  
 Coradon Co., Inc., 71 W. 23rd, New York, N. Y. "Three-In-One"  
 Fuller Bros. Ltd., 133 W. 25th, New York, N. Y.  
 Hyde Mfg. Co., Southbridge, Mass.  
 Katzing (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Ontario Knife Co., Franklinville, N. Y. "Tru-Edge" (Carbon Stainless Steel)  
 Plymouth Stamped Metal Co., Galion, O.  
 P. M. C. Mfg. Corp., Phenicia, N. Y.  
 Remington Arms Co., Inc., Bridgeport, Conn. "Klean Blade"  
 Robinson Knife Co., Springfield, N. Y.  
 Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
 Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad Av., Newark, N. J.  
 Sta-Brite Products Corp., New Haven, Conn.  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
 Voos Co., Inc., New Haven, Conn.  
 Wallace Bros., Wallingford, Conn.  
 Washburn Company, Worcester, Mass.

**SPEAKERS, Pillow, Radio**

Brush Development Co., 3315 Perkins Av., Cleveland, O. "Hushatone"

**SPEAKING TUBES, House—See Tubes, Speaking, House****SPEARS, Fish and Frog**

Arcaide Mfg. Co., Freeport, Ill.  
 Enterprise Mfg. Co., Dept HA, Akron, O. "Ecko," "Fenix"  
 Horrocks-Ibbotson Co., Dept S, Utica, N. Y.  
 Norlund (A. O.) Co., Williamsport, Pa.  
**SPEARS, FROG—See Spears, Fish and Frog**

**SPEARS, Tobacco**

Briddell (Chas. D.) Inc., Crisfield, Md. "Brady," "Briddell Special"

**SPECIALTIES, Vacuum**

Aladdin Industries, Inc., 223 W. Jackson Blvd., Chicago, Ill. "Aladdin"  
 American Thermos Bottle Co., Norwich, Conn. "Thermos," "Icy-Hot"  
 Landers, Frary & Clark, New Britain, Conn. "Stanley," "Universal"  
 Manning, Bowman & Co., Meriden, Conn.  
**SPEED INDICATORS—See Indicators, Speed**

**SPEEDOMETERS, Bicycle**

A C Spark Plug Div., General Motors Corp., Flint, Mich. "A C"  
 Fairchild Specialties Mfg. Co., Degraff Bldg., Kalamazoo, Mich. "Tru-Speed"  
 Harris (D. P.) Hdwe. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast"  
 New Departure Mfg. Co., Bristol, Conn.  
 Stewart-Warner Corp., 1828 Diversay Pkwy., Chicago, Ill. "Cadet," "Clipper"  
 Veeder-Root, Inc., Hartford, Conn.

**SPEEDOMETERS, Skate, Roller**

Segal Lock & Hdwe. Co., Inc., 395 B'way, New York, N. Y. "Skate-O-Meter"

**SPELLING BLOCKS—See Blocks, Alphabet****SPELLING BOARDS—See Boards, Spelling****SPERM OIL—See Oils, Sperm****SPICE BOXES—See Boxes, Salt, Spice, Etc.****SPICE MILLS—See Mills, Coffee or Spice****SPIDERS and SKILLETS**

(See also Pans, Frying; also under Ware)

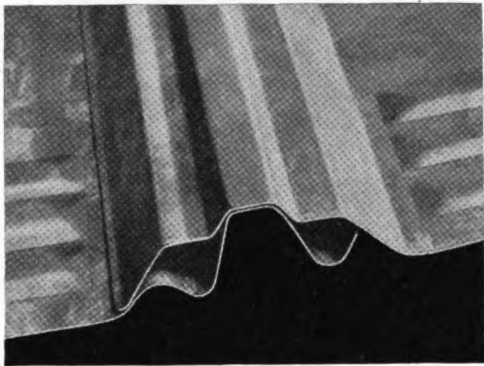
Akron-Selle Co., Akron, O. "Tasco"  
 Aluminum Cooking Utensil Co., New Kensington, Pa. "Fry-Grid," "Wear-Ever"  
 Bellaire Enamel Co., Bellaire, O. "Beco," "Never-break"  
 Birmingham Stove & Range Co., Birmingham, Ala.  
 Bremer Aluminum Corp., New Washington, O. "Dr. Koch"  
 Carrollton Metal Products Co., Carrollton, O. "Carlton," "Cookcraft" (Stainless Steel)  
 Chicago Hdwe. Fdry. Co., No. Chicago, Ill. "Favorite," "Sani Ware"  
 Eaton Mfg. Co., 755 E. 140th, Cleveland, O. "Metal-Bilt"  
 Everedy Co., Frederick, Md. "Speedy-Clean" (Chromium Plated)  
 Glascock Stove & Mfg. Co., Greensboro, N. C.  
 Gray & Dudley Co., Nashville, Tenn.  
 Griswold Mfg. Co., Erie, Pa. "Chrome," "De-Chro," "Shiny Black," "Silverlike"  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O. (Chrome Steel)  
 Health-Maid, Inc., Cleveland, O.  
 Jones Hollow Ware Co., Baltimore, Md.  
 Katzing (Edward) Co., 1949 N. Cicero Av., Chicago, Ill. "Black Beauty"  
 King Stove & Range Co., Sheffield, Ala.  
 Lucey Products Corp., 223 B'way, New York, N. Y.  
 Metal Ware Corp., Two Rivers, Wis. "Pilgrim Ware"  
 National Aluminum Mfg. Co., Peoria, Ill. "Health"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 National Pressure Cooker Co., Eau Claire, Wis.  
 Process Metal Corp., Lockport, N. Y. "Krome-Alume"  
 Rome Mfg. Co., Div. Revere & Copper Co., Rome, N. Y.  
 Steel Materials Co., 17260 Gable Av., Detroit, Mich. "Stemco"  
 Toledo Stamping & Mfg. Co., Toledo, O.  
 Vollrath Co., Sheboygan, Wis. "Imperial"  
 Wagner Mfg. Co., Sidney, O.  
 West Bend Aluminum Co., West Bend, Wis.  
**SPIGOTS—See Faucets**

**SPIKES, Boat**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Ames (W.) & Co., 417 Communipaw Av., Jersey City, N. J.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O.  
 St. Louis Screw Co., St. Louis, Mo.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Tremont Nail Co., Wareham, Mass.

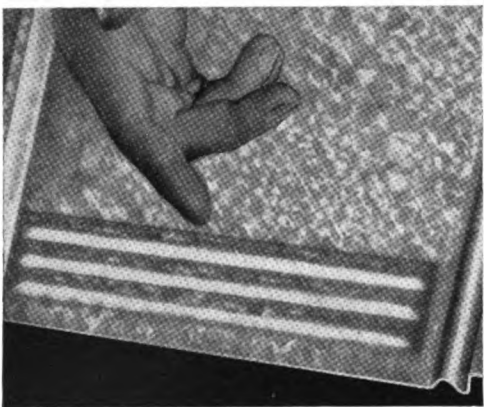
## Your Answer to the customer who thinks all roofing sheets are alike

**W**HEN customers think that all steel roofing sheets are the same, you stand a great risk of losing their business to competition. That's where StormSeal Roofing dealers are ahead—for U·S·S StormSeal Roofing has many advantages that customers want — advantages that help you close the sale.

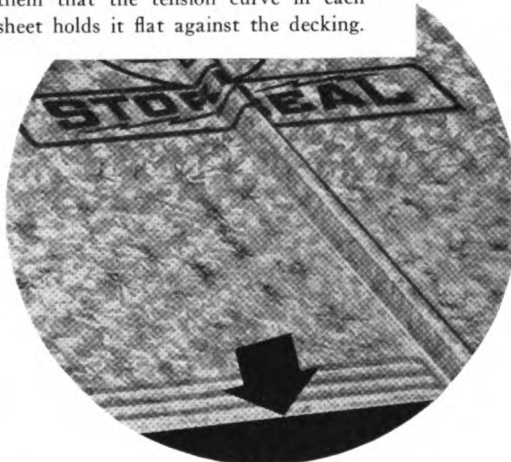


**FIRST**—show customers StormSeal's patented overlap construction. In a glance they can see why this cleverly-designed seam keeps out wind and rain—how the double drain carries off any water that might get into the lap.

**SECOND**—point to the three strong cross-crimps that keep seepage from getting through the end laps. These crimps overcome one of the most common causes of roof leaks.



**THIRD**—show customers the pressure lip in the end of each U·S·S StormSeal Sheet. It keeps the end laps firmly together. And remind them that the tension curve in each sheet holds it flat against the decking.



**FOURTH** — remind customers StormSeal is a U·S·S Galvanized Steel Roofing Sheet—the brand that has established a reputation for long life through its service on thousands of buildings all over the country.

USE THESE U·S·S STORMSEAL FEATURES TO KEEP ROOFING BUSINESS IN YOUR STORE



# STORMSEAL ROOFING

CARNEGIE-ILLINOIS STEEL CORPORATION, *Pittsburgh and Chicago*  
AMERICAN STEEL & WIRE COMPANY, *Cleveland, Chicago and New York*  
COLUMBIA STEEL COMPANY, *San Francisco*

United States Steel Export Company, New York

# UNITED STATES STEEL



# SPIKES, Cut

Bethlehem Steel Co., Bethlehem, Pa.  
 Illinois Nail Co., Chicago, Ill.  
 Belle Iron Wks., Steubenville, O.  
 Reliable Iron Fittings Co., Branford, Conn. "M. I. F. Co."  
 Jordon Iron Wks., Ashland, Ky.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Redger Co., Richmond, Va.  
 Remont Nail Co., Wareham, Mass.  
 Wood (Alan) Steel Co., Conshohocken, Pa. "Reading"  
 Youngstown Steel Products Co., Youngstown, O.

# SPIKES, Marlin

Brew (C.) & Co., Kingston, Mass.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me.

# SPINDLES, Knob

Lawrence Lock Wks. of Yale & Towne Mfg. Co., North Chicago, Ill.  
 Champion Hardware Co., Geneva, O.  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Independent Lock Co., Fitchburg, Mass.  
 Leil (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
 Lockwood Hdw. Mfg. Co., Fitchburg, Mass. "Lockwood"  
 Padlock & Hdw. Co., Lancaster, Pa.  
 Yale Lock Wks. of Yale & Towne Mfg. Co., No. Chicago, Ill.  
 Argent & Co., New Haven, Conn.  
 Killman Hardware Mfg. Co., Trenton, N. J.  
 Yale & Towne Mfg. Co., Stamford, Conn.

PINNERS, Trolling—See Spoons and Spinners, Trolling

PINNING TOPS—See Tops, Spinning

PIRAL HOBS—See Hobs

PIRAL RATCHET SCREW DRIVERS—See Screw Drivers, Ratchet; Also Screw Drivers, Ratchet, Spiral

PIRAL SPRINGS—See Springs, Small

PIRIT LEVEL GLASSES—See Glasses, Spirit Level

PIRIT TUBES—See Glasses, Spirit Level

PITTOONS—See Caspolders

# PLICERS, Wire

Lein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
 Wark, Stow & Wilcox Co., Southington, Conn. "Pexto"

# PLICERS, Wire, Fence

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Crescent Tool Co., Jamestown, N. Y. "Crescent," "S. & H."  
 Mason Fence Co., Leesburg, O. "Champion"

PLICING COMPOUNDS—See Tape, Rubber and Friction

PLINE HOBS—See Hobs

PLIT BAMBOO FISHING RODS—See Rods, Fishing, Split Bamboo

PLIT LINKS—See Links, Chain Repair

PLIT RIVETS—See Rivets, Tubular and Clinch

PLIT SHOT—See Shot, Split

PLIT WASHERS—See Washers, Split

# PLITTERS, Butchers'

batillon (John) & Sons, 85 Cliff, New York, N. Y. "Foster Bros."  
 Landers, Frary & Clark, New Britain, Conn.  
 Hlen-Bishop Co., Columbus, O.  
 Illage Blacksmith Folks, Watertown, Wis.  
 Hite (L. & I. J.) Co., Division of the Simonds-Worden-White Co., Dayton, O.

# PLITTERS, Nut

orter (H. K.) Inc., Everett, Mass. "HKP"

POKE POINTERS—See Pointers, Spoke

POKE SHAVES—See Shaves, Spoke

POKE WEDGES—See Wedges, Box, Spoke and Tool

# POKES, Wagon, Etc.

ardard (A. M.) Wagon Wks., Inc., New Iberia, La.  
 rt Smith Rim & Bow Co., Fort Smith, Ark. "Cutting Brand"  
 hippe (J. H.) Lumber Co., Fayetteville, Ark.  
 Marta Spoke Factory, Inc., Sparta, Tenn. (Oak and Hickory)

PONGE BASKETS—See Baskets, Sponge

PONGE ROLLERS—See Rollers, Graining

PONGE RUBBER MOPS—See Squeegees, Floor

# PONGES

American Sponge & Chamolis Co., Inc., 47 Ann, New York, N. Y. "Andy," "Anna," "Mermaid"  
 Enaly Sponge & Chamolis Co., Inc., 284 Iron, Detroit, Mich.  
 Lantle Sponge & Chamolis Corp., 49 Walker, New York, N. Y.  
 och (Albert) & Sons, Inc., 86 Walker, New York, N. Y.  
 och (Jes.) Inc., 51 Cliff, New York, N. Y.  
 zman (H. L.) Sponge & Chamolis Co., 1908 Olive, St. Louis, Mo.  
 orida Sponge & Chamolis Co., 42 Cliff, New York, N. Y.

Greek-American Sponge Co., Chicago, Ill.  
 Gulf & West Indies Co., Inc., 23 Murray, New York, N. Y. "Brownie"  
 Loudon & Hill, 824 Arch, Phila., Pa.  
 Mediterranean Sponge Co., 987 8th Av., New York, N. Y.  
 Nassau Sponge Co., 124 W. Kinzie, Chicago, Ill.  
 Niehaus (Joa.) Co., Cincinnati, O.  
 Rhodes (James H.) & Co., 157 W. Hubbard, Chicago, Ill. "Colossus"  
 Robinson Sponge Co., 1805 Atlantic Av., B'klyn, N. Y. "Sea-Lect"  
 Schroeder & Tremayne, Inc., 1711 Delmar Blvd., St. Louis, Mo. "Cord-Bound Seawool," "Sea Grass," "Seawool"

# SPONGES, Cellulose

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. (Imported)  
 DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.

# SPONGES, Metal

Metal Sponge Sales Corp., 2726 N. Mascher, Phila., Pa. "Burro Brand," "Gottschalk's"

# SPONGES, Tinsel

Metal Textile Corp., West Orange, N. J. "Chore Boy"  
 Montgomery Co., Windsor Locks, Conn. "Kwick Scour"  
 Smith (Landon P.), Inc., 130 Coit, Irvington, N. J. "Ball Devil," "Gold Devil," "Kitchen Devil," "Red Devil"  
 National Tinsel Mfg. Co., Manitowoc, Wis.  
 Springfield Wire & Tinsel Co., W. Springfield, Mass. "Scouritz"

SPOOLED WIRE—See Wire, Spooled

# SPOONS, Aluminum

Aluminum Goods Mfg. Co., Manitowoc, Wis. (Measuring)  
 Buckeye Aluminum Co., Wooster, O. "Buckeye"  
 Carpenter (E. W.) Mfg. Co., Bridgeport, Conn. (Measuring)  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Wagner Mfg. Co., Sidney, O.

# SPOONS, Basting and Mixing

A. & J. Kitchen Tool Co., 1949 N. Cicero Ave., Chicago, Ill.  
 Acme Metal Gds. Mfg. Co., 2 Orange, Newark, N. J.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
 Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)  
 Chief Products Co., 701 E. 59th, Los Angeles, Cal. "Chief"  
 Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"  
 Hills, Edwin, Plainville, Conn.  
 Katsinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Manning, Bowman & Co., Meriden, Conn.  
 Moore Enameling & Mfg. Co., W. Lafayette, O. "Enamlart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 P.M.C. Mfg. Corp., Phoenix, N. Y.  
 Racine Iron & Wire Wks., Racine, Wis.  
 Taplin Mfg. Co., New Britain, Conn.  
 Toledo Stamping & Mfg. Co., Toledo, O.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 U. B. Stamping Co., Moundsville, W. Va.  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "No Chip"  
 Voss Co., Inc., New Haven, Conn.  
 Wagner Mfg. Co., Sidney, O.  
 Wallace Bros., Wallingford, Conn. "W.B.W."  
 Washburn Company, Worcester, Mass. "Sno-Cap"

# SPOONS, Hook

Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Wallace Bros., Wallingford, Conn. "W.B.W."

# SPOONS, Ice Cream

Atlas-Ansonia Co., New Haven, Conn.  
 Giles & Nielsen Nickel Wks., Troy, N. Y.  
 Wagner Mfg. Co., Sidney, O.  
 Wallace Bros., Wallingford, Conn. "W.B.W."

# SPOONS, Iced Tea and Soda

Vaughan Novelty Mfg. Co., Chicago, Ill.  
 Wallace Bros., Wallingford, Conn. "W.B.W."

SPOONS, Mixing—See Spoons, Basting and Mixing

SPOONS, Soda—See Spoons, Iced Tea and Soda

# SPOONS, Tinned

(See also Ware, Table, Tinned)  
 Atlas-Ansonia Co., New Haven, Conn.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Lalance & Grosjean Corp., Woodhaven, L. I., N. Y.  
 Lisk Mfg. Co., Canandaigua, N. Y.  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Wallace Bros., Wallingford, Conn. "W.B.W."  
 Washburn Company, Worcester, Mass.

# SPOONS and SPINNERS, Trolling and Casting

(See also Bait, Fish, Artificial)

"A-B-C" Bait & Mfg. Co., 433 Bates, Detroit, Mich. "A-B-C"  
 Aeroplane Spinner Mfg. Co., Denver, Colo.  
 Arbogast, Fred, 313 W. North, Akron, O. "Hawaiian Wigler"  
 Brainard Bait Co., Inc., 2470 University Av., St. Paul, Minn.  
 Ruel J. T. Co., Saratoga Springs, N. Y.  
 Cincinnati Bait Co., 519 Main, Cincinnati, O.  
 Enterprise Mfg. Co., Dept. H., Akron, O. "Akron," "Bearcat," "Bear Valley," "Buffalo," "Cadet," "Cayuga," "Colorado," "Chum," "Crusader," "Cyclone," "Dragon," "Dustem," "Emeric," "Enitime Bucktail," "Evans," "Fillite," "Fluted," "Fourbrothers," "Harp," "Hydro," "Imperial," "Indiana Fly," "June Bug," "Klondike," "Lake Tahoe," "Lewis Interchangeable," "Low-Star," "Luminous," "McMurray," "Mactam," "Monogram," "Multilite," "Muskil," "Niftee," "O-Boy," "Omega," "Pelican," "Pfeuger Bull Dog," "Pilot," "Pippin," "Portage," "Propeller," "Record Spoon," "Red Devil," "Rover," "Salamo," "Seattle," "Self Striker," "Snapie," "Star Colorado," "Susquehanna," "Tandem," "Takit," "Tip Top," "Vanitie," "Washington," "Washore," "Whirl-I-Gig," "Whoopie," "Woole Worm," "Zam"

Frost (G. W.) & Sons, Stevens Point, Wis. "Badger," "Colorado," "Hairwing," "Magic," "New Deal," "Rooster-Buck"  
 Hildebrandt (John J.) Co., Logansport, Ind. "Flicker," "Hummer," "Idaho," "Russian," "Slim Eli," "Standard"  
 Horrocks-Ibbotson Co., Dept. S., Utica, N. Y. "Colorado," "Mohawk"  
 Johnson (Louis) Co., 40 N. Wells, Chicago, Ill. "Silver Minnow"  
 Kewell (Chas. H.) Co., San Francisco, Cal.  
 Knowles (S. E.) Co., 977 Howard, San Francisco, Cal., "Automatic Striker"  
 L. S. Bait Co., Detroit, Mich.  
 Mills (Wm.) & Son, 21 Park Place, New York, N. Y.  
 Millsite Steel & Wire Works, Inc., Howell, Mich. "Millsite"  
 Oregon Fishing Spoon Co., Portland, Ore.  
 Paw Paw Bait Co., Paw Paw, Mich.  
 Pealer (E. O.) Co., Utica, N. Y. "Colorado," "Little Wonder," "June Bug"  
 Shakespeare Co., Kalamazoo, Mich.  
 South Bend Bait Co., South Bend, Ind.  
 Sutton Co., Naples, N. Y.  
 Weber Lifelike Fly Co., Stevens Point, Wis.  
 Wilson, Al., San Francisco, Cal.

# SPOONS, Vegetable

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Wallace Bros., Wallingford, Conn. "W.B.W."

SPOONS, TELEGRAPH—See Shovels, Telegraph

# SPOONS, Wooden

Almo Trading & Importing Co., 3 W. 18th, New York, N. Y. (Imported)  
 Piqua Munising Wood Products Co., Cleveland, O.  
 Richard & Bechtold, Ballaire, Mich.  
 Robinhood Wood Products, Inc., 1259 E. 33rd, Los Angeles, Cal. "Robinhood Ware"

SPORT COATS—See Coats, Sport

SPORT NETS—See Nets, Tennis and Sport

SPORTING GOODS—See article desired

# SPOTS, Harness

Enterprise Mfg. Co., Dept. HA., Akron, O.  
 Smith (F. H.) Mfg. Co., 3047 Carroll Av., Chicago, Ill. "Perfection"  
 Thomson (Judson L.) Mfg. Co., Waltham, Mass.

SPORTSMEN'S LAMPS—See Lamps, Sportsmen's

# SPOUTS, Bung

Landers, Frary & Clark, New Britain, Conn. "Lee's"

# SPOUTS, Sap

Badger (E. B.) & Sons Co., Boston, Mass.  
 Grimm (G. H.) Co., Rutland, Vt.  
 Hunting Supply Corp., Watertown, N. Y.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn. "Eureka"

SPRAY GUNS—See Guns, Spray

SPRAY HEADS—See Nozzles, Hoses

SPRAY PUMPS—See Pumps, Spray

# SPRAYERS, Auto Truck & Tractor Power

Brown (W. R.) Corp., 5724 Armitage Av., Chicago, Ill. "Chief," "Marvel," "Speedy"

# SPRAYERS, Compressed Air, Hand

Acmeine Mfg. Co., Traverse City, Mich. "Acme," "El Dorado"  
 Armstrong Products Corp., Huntington, W. Va.  
 Bean (John) Mfg. Co., Lansing, Mich.  
 Brown (E. C.) Co., Rochester, N. Y. "Autospray," "Open-Hed"  
 Chapin (R. E.) Mfg. Wks., Inc., Batavia, N. Y. "Chapin"  
 Deming Co., Salem, O.  
 Dobbins Mfg. Co., N. St. Paul, Minn. "Superbilt"  
 Fyler Products, Inc., W. Hartford, Conn. "Fyler"

**SPRAYERS, Compressed Air, Hand (Cont.)**

General Metalware Co., Minneapolis, Minn. "Mar-dinware"  
 Goulard & Oleno, Inc., 140 Liberty, New York, N. Y. "G. & O."  
 Hardie Mfg. Co., Hudson, Mich. "Misto"  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Booster," "Chemical," "Climax," "Clipper," "Junior," "Leader," "Perfection," "Sterling," "Thrifty," "Trombone"  
 K-M Supply Co., Kansas City, Mo.  
 Lowell Specialty Co., Lowell, Mich.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Oakes Mfg. Co., Inc., Tipton, Ind. "E-Z Fill," "Sturdy-Boy"  
 Smith (D. B.) & Co., Utica, N. Y. "Banner," "Blizzard," "Jim Dandy," "Justrite," "Lightning"  
 Universal Metal Products Co., Lowell, Mich. "Universal"  
 Wilson (Andrew), Inc., Springfield, N. J. "Hydro-Air"

**SPRAYERS, Electric**

Binks Mfg. Co., 3114 Carroll Av., Chicago, Ill. "Roche"  
 Brown (W. R.) Corp., 5724 Armitage Av., Chicago, Ill. "Marvel," "Speedy"  
 Crown Spray Gun Mfg. Co., 1218 Venice Blvd., Los Angeles, Cal. "Jiffy"  
 Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis. "Sprayit"  
 Saylor-Beall Mfg. Co., 1509 E. Philadelphia Av., Detroit, Mich.

**SPRAYERS, Field, Automatic**

Acme Mfg. Co., Traverse City, Mich. "Acme"  
 Brown (E. C.) Co., Rochester, N. Y. "Autospray"  
 Champion Corp., Hammond, Ind. "O. K."  
 Crown Mfg. Co., Phelps, N. Y.  
 Eureka Mower Co., Utica, N. Y.  
 Friend Mfg. Co., Inc., Gasport, N. Y.  
 Hardie Mfg. Co., Hudson, Mich.  
 Hydraulic Press Mfg. Co., Mt. Gilead, O. "Mount Gilead"  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Peppeler (Thos.) Son & Co., Hightstown, N. J. "Perfection"  
 Pontiac Tractor Co., Pontiac, Mich.  
 Smith (D. B.) & Co., Utica, N. Y. "Banner"  
 Stahl (Wm.) Sprayer Co., Quincy, Ill. "Excelsior"

**SPRAYERS, Field, Hand Power**

Acme Mfg. Co., Traverse City, Mich. "Acme"  
 Barnes Mfg. Co., Mansfield, O.  
 Brown (E. C.) Co., Rochester, N. Y. "Autospray"  
 Deming Co., Salem, O.  
 Friend Mfg. Co., Inc., Gasport, N. Y.  
 Hardie Mfg. Co., Hudson, Mich.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Cog Gear," "Defiance," "Faultless," "Imperial," "Improved," "Little Giant," "O. K.," "Panama," "Peerless," "Perfect," "Portable"  
 Peoria Hydraulic Pump Co., Peoria, Ill.  
 Peppeler (Thos.) Son & Co., Hightstown, N. J. "Perfection"  
 Smith (D. B.) & Co., Utica, N. Y. "C.C.C."  
 Stahl (Wm.) Sprayer Co., Quincy, Ill. "Excelsior"

**SPRAYERS, Garden, Hand**

Acme Mfg. Co., Traverse City, Mich. "Acme"  
 Bean (John) Mfg. Co., Lansing, Mich.  
 Brown (E. C.) Co., Rochester, N. Y. "Autospray"  
 Campbell-Hausfeld Co., Harrison, O. "Paragon"  
 Capson Mfg. Co., 4115 Ravenswood Av., Chicago, Ill.  
 Chapin (R. E.) Mfg. Wks., Inc., Batavia, N. Y.  
 Dethol Mfg. Co., Inc., 922 E. N. W., Washington, D. C. "Dethol"  
 Dobbins Mfg. Co., St. Paul, Minn. "Superbilt"  
 Eureka Mower Co., Utica, N. Y. "Perfection"  
 General Metalware Co., Minneapolis, Minn. "Martinware"  
 Houchin (Thos. W.) Corp., 9 McPherson Pl., Jersey City, N. J.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Crescent," "Daisy," "Handy," "Midget," "Misty," "Rainbow," "Vapor"  
 Humphreys Mfg. Co., Mansfield, O.  
 Lesser Mfg. Co., Allegany, N. Y. "Jumbo," "King," "Redhead"  
 Lowell Specialty Co., Lowell, Mich.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Du-All," "Faultless," "Handy"  
 Oakes Mfg. Co., Inc., Tipton, Ind. "Silver Streak"  
 Smith (D. B.) & Co., Utica, N. Y. "Banner," "Blizzard," "Bronx," "C.C.C.," "Jim Dandy," "Lightning," "Savol," "Spraymaster," "Sturdy," "U.T.K."  
 Stahl (Wm.) Sprayer Co., Quincy, Ill.  
 Standard Container, Inc., Bloomfield, N. J. "Sprawell"  
 Universal Metal Products Co., Lowell, Mich. "Universal"  
 Washburn Company, Worcester, Mass.

**SPRAYERS, Garden Hose, Fertilizer and Insecticide**

Budwig Mfg. Co., Burbank, Cal. "Insect-O-Gun"  
 Centre Brass Works, Inc., 72 Spring, New York, N. Y. "Centre Brass"  
 Davis (C. H.) Co., Rome, N. Y. "Davis"  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 Foodrink Fertilizer Co., 258 Portland, Cambridge, Mass.  
 Garden Hose Insecticides Co., 1015 W. North, Kalamazoo, Mich. "Simplex"

Garden Hose Spray Co., Inc., 89 B'way, Cambridge, Mass. "Arnold"  
 Gatchet (F. L.), Inc., 2808 E. Olive, Seattle, Wash.  
 Hazon Co., Warrensville, O. "Hozon"  
 Hy-Grade Colloidal Insecticides Co., Inc., 86-76 109th, Richmond Hill, N. Y. "Hy-Grade Hozon-Gun"  
 Molded Specialties Co., 1971 E. 79th, Cleveland, O. "Tri-Con"  
 Reluc Mfg. Co., 276 Fifth Av., New York, N. Y. "Garden Gard"

**SPRAYERS, Gasoline Engine**

Bean (John) Mfg. Co., Lansing, Mich. "Giant," "Pony," "Simplicity"  
 Brunner Foundry & Mch. Co., Peru, Ill.  
 Domestic Engine & Pump Co., Shippensburg, Pa.  
 Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa. "Charter Oak," "Granger," "Suburban," "Woodland"  
 Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis. "Sprayit"  
 Friend Mfg. Co., Inc., Gasport, N. Y.  
 Hardie Mfg. Co., Hudson, Mich.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Du-All Cub," "Du-All Duplex," "Du-All Junior," "Giant Duplex," "Giant Triplex," "Low Down," "Self-Oiling Junior," "Silver Cloud," "Triplex"  
 Pontiac Tractor Co., Pontiac, Mich. "Special"  
 Stahl (Wm.) Sprayer Co., Quincy, Ill. "Excelsior"

**SPRAYERS, Hand Cart**

Barnes Mfg. Co., Mansfield, O.  
 Bean (John) Mfg. Co., Lansing, Mich.  
 Deming Co., Salem, O.  
 Friend Mfg. Co., Inc., Gasport, N. Y.  
 Hardie Mfg. Co., Hudson, Mich.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Eureka"  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Giant," "Handy," "Portable"  
 Smith (D. B.) & Co., Utica, N. Y. "Smith"

**SPRAYERS, Horse Drawn**

Hardie Mfg. Co., Hudson, Mich.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Du-All," "Du-All Cub," "Du-All Duplex," "Junior," "Giant Duplex," "Giant Triplex," "Self-Oiling Junior," "Senior," "Triplex"

**SPRAYERS, Knapsack, Hand**

Armstrong Products Corp., Huntington, W. Va.  
 Brown (E. C.) Co., Rochester, N. Y. "Autospray"  
 Chapin (R. E.) Mfg. Wks. Inc., Batavia, N. Y.  
 Deming Co., Salem, O.  
 Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Forester," "Ozark," "Ranger"  
 Lowell Specialty Co., Lowell, Mich.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Perfect"  
 Smith (D. B.) & Co., Utica, N. Y. "C.C.C." "E-Z"  
 Stahl (Wm.) Sprayer Co., Quincy, Ill. "Excelsior"

**SPRAYERS, Paint**

Binks Mfg. Co., 3114 Carroll Av., Chicago, Ill.  
 Brown (W. R.) Corp., 5724 Armitage Av., Chicago, Ill. "Marvel," "Speedy"  
 Brunner Mfg. Co., Utica, N. Y.  
 Champion Pneumatic Mch. Co., 8164 South Chicago Av., Chicago, Ill.  
 Crown Spray Gun Mfg. Co., 1218 Venice Blvd., Los Angeles, Cal. "Spray-More"  
 Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
 DeVillias Co., Toledo, O.  
 Eclipse Air Brush Co., Inc., 390 Park Av., Newark, N. J. "Eclipse"  
 Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis. "Sprayit"  
 Empire Compressor Mfg. Co., Inc., Benson & P.R.R., Cincinnati, O.  
 Gast Mfg. Co., Benton Harbor, Mich.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Kellogg Mfg. Co., Rochester, N. Y.  
 Macleod Co., 2232 Bogen, Cincinnati, O.  
 Matthews (W. N.) Corp., St. Louis, Mo.  
 Metal Specialties Mfg. Co., 3200 Carroll Av., Chicago, Ill. "Presto"  
 Milburn (Alexander) Co., 1416 W. Baltimore, Baltimore, Md.  
 O. K. Machine Co., Inc., Ft. Wayne, Ind. "O. K. Spr"  
 Paasche Air Brush Co., 1909 Diversey Parkway, Chicago, Ill.  
 Saylor-Beall Mfg. Co., 1509 E. Philadelphia Av., Detroit, Mich.  
 Sharpe Mfg. Co., 1819 Maple Av., Los Angeles, Cal. "Little Giant"  
 Simons Paint Spray Brush Co., Dayton, O.  
 Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 U. S. Air Compressor Co., Cleveland, O. "Spray-Air"

**SPRAYERS, Potato**

Acme Mfg. Co., Traverse City, Mich. "Acme"  
 Babcock Mfg. Co., Leonardsville, N. Y. "Otsego," "Standard Centrifugal"  
 Brown (E. C.) Co., Rochester, N. Y. "Autospray"  
 Campbell-Hausfeld Co., Harrison, O. "Paragon"  
 Champion Corp., Hammond, Ind. "O. K."  
 Deming Co., Salem, O.  
 Domestic Engine & Pump Co., Shippensburg, Pa.  
 Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa. "Arlington," "Handy"

Eureka Mower Co., Utica, N. Y.  
 Farquhar (A. B.) Co., Ltd., York, Pa. "Irons Age"  
 Friend Mfg. Co., Inc., Gasport, N. Y.  
 Goulds Pumps, Inc., Seneca Falls, N. Y. "Pomona"  
 Hardie Mfg. Co., Hudson, Mich.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Climax," "Junior," "Perfection," "Thrifty"  
 Lowell Specialty Co., Lowell, Mich.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Du-All Junior," "Giant Triplex," "Handy," "Triplex"  
 Oakes Mfg. Co., Inc., Tipton, Ind.  
 Peppeler (Thos.) Son & Co., Hightstown, N. J. "Perfection"  
 Smith (D. B.) & Co., Utica, N. Y. "Banner," "Blizzard," "Jim Dandy," "Lightning"  
 Splitstator Co., North Branch, Minn.  
 Stahl (Wm.) Sprayer Co., Quincy, Ill. "Excelsior"

**SPRAYERS, Tank, Hand**

Acme Mfg. Co., Traverse City, Mich. "Acme"  
 Bean (John) Mfg. Co., Lansing, Mich. "Handy"  
 Brown (E. C.) Co., Rochester, N. Y. "Autospray"  
 Deming Co., Salem, O.  
 Goulds Pumps, Inc., Seneca Falls, N. Y. "Bedaux"  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Perfection"  
 Humphreys Mfg. Co., Mansfield, O.  
 Lowell Specialty Co., Lowell, Mich.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Faultless," "Handy"  
 Oakes Mfg. Co., Inc., Tipton, Ind.  
 Smith (D. B.) & Co., Utica, N. Y. "Banner," "Na 60"  
 Stahl (Wm.) Sprayer Co., Quincy, Ill. "Excelsior"

**SPRAYERS, Wheelbarrow**

Acme Mfg. Co., Traverse City, Mich. "Acme"  
 Brown (E. C.) Co., Rochester, N. Y.  
 Chapin (R. E.) Mfg. Wks. Inc., Batavia, N. Y.  
 Deming Co., Salem, O.  
 General Metalware Co., Minneapolis, Minn. "Martinware"  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill. "Ensign," "Ideal," "Sunshine"  
 Lowell Specialty Co., Lowell, Mich.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Giant," "Portable"  
 Oakes Mfg. Co., Inc., Tipton, Ind.  
 Smith (D. B.) & Co., Utica, N. Y. "Smith"  
 Universal Metal Products Co., Lowell, Mich. "Universal"

**SPRAYERS, Whitewash—See Sprayers, Paint****SPRAYING INSECTICIDE MACHINES—See Machines, Insecticides, Spraying, Electric****SPRAYS, Bath—See Baths, Shower****SPRAYS, Faucet**

Faucet Queen Co., 205 W. Wacker Drive, Chicago, Ill. "Faucet-Queen"  
 Seed Filter & Mfg. Co., Inc., 343 B'way, New York, N. Y. "Squarehead"

**SPRAYS, Fly—See Repellents, Fly****SPREADERS, Fertilizer and Grass Seed**

Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Planet Jr."  
 Avery (B. F.) & Sons Co., Inc., 1721 S. 7th, Louisville, Ky.  
 Billups (C.) Son & Co., Norfolk, Va.  
 Campbell-Hausfeld Co., Harrison, O.  
 Case (J. I.) Co., Racine, Wis.  
 Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
 Ellis Keystone Agricultural Wks., Pottstown, Pa. "Iron Age"  
 Farquhar (A. B.) Co., Ltd., York, Pa. "McWhorter," "So-Rite"  
 Galloway Co., Inc., Waterloo, Ia.  
 Gant Mfg. Co., Macon, Ga.  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering"  
 Kelley (G. A.) Plow Co., Longview, Tex.  
 King Plow Co., Atlanta, Ga. "Gem," "Georgia Cracker," "K. P. Pattern," "Pearson," "Genuine," "Seay," "Vibrator"  
 Marvel Products Co., 1588 E. 70th, Cleveland, O. "Marvel"  
 Masters Planter Co., 4029-A W. Lake, Chicago, Ill. "Masters Perfect" (Also for chemicals)  
 Meronek Mfg. Co., Stevens Point, Wis. "Invincible"  
 Midland Co., South Milwaukee, Wis.  
 Oliver Farm Equipment Co., 400 W. Madison, Chicago, Ill.  
 Root Mfg. Co., 1011 Power Av., Cleveland, O.  
 Salem Tool Co., Salem, O. "Hoffman Jr."  
 Southern Plow Co., Columbus, Ga. "Columbus Knocker," "Georgia Chain," "Giant," "Muscorae"  
 Tennessee Corp., 61 B'way, New York, N. Y. "Loma"  
 Thompson (O. E.) & Sons, Ypsilanti, Mich. "Lawette"  
 Whitehurst (R. W.) Mfg. Corp., Norfolk, Va.  
 White's (S. R.) Mfg. Corp., Norfolk, Va.

**SPREADERS, Fishing Line**

Enterprise Mfg. Co., Dept. HA, Akron, O. "Com-part," "Enterprise"

**SPRING BALANCES—See Balances, Spring****SPRING BOLTS—See Bolts, Shackle****SPRING CLIPS—See Clips, Spring****SPRING HINGES—See under Hinges****SPRING JOINT RULES—See Rules, Spring Joint****SPRING KEY COCKS—See Cocks, Spring Key****SPRING PIVOT HINGES—See Hinges, Pivot Spring**

# Remington

## THE AMMUNITION PRIMED WITH... KLEANBORE!

Sportsmen today expect ammunition to be absolutely non-rusting, non-pitting and non-fouling. Whether they get it or not depends on whether you sell them shells and cartridges with "Kleanbore" priming... the Remington patented and original non-corrosive priming.

### .22 RIM FIRE CARTRIDGES

#### REMINGTON NEW AND IMPROVED KLEANBORE .22's



Here's an amazing new Kleanbore .22 that looks and shoots like premium priced ammunition, but sells for the price of regular .22 rimfire smokeless! A New and Improved Kleanbore .22 that brings the Kleanbore line even closer to perfection.



#### KLEANBORE HI-SPEED .22's



Penetration, plus accuracy, speed, power, make Remington Hi-Speed .22's the outstanding cartridge for the longer ranges. You can smack a woodchuck, crow or other game with more power at 100 yards, than ordinary .22's develop at the muzzle.



### CENTER FIRE RIFLE AND PISTOL CARTRIDGES

#### THE NEW "CORE-LOKT"

#### SOFT POINT AND MUSHROOM BULLETS

Since the announcement of the Core-Lokt mushroom bullet, hundreds of big game hunters everywhere have been loud in their praise of this great advance in sporting rifle ammunition. They report that one well placed shot will put big game down to stay. Now the Core-Lokt feature is available to meet the demands of those who prefer the soft point bullet for medium and big game.



SOFT POINT "CORE-LOKT", 200 GRAINS



EXPRESS MUSH. 180 GRs.



A148



A148B

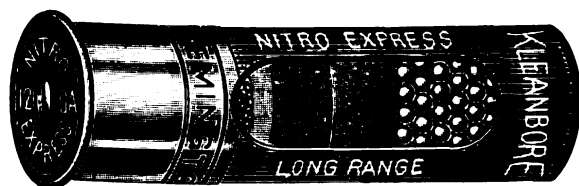


METAL CASED

### SHOT SHELLS

Whether you hunt upland game or waterfowl; whether you shoot skeet or trap; whether your pocketbook is fat or lean, you'll find a "Remington" Shell that meets

your purpose. Honored by unexcelled achievement in every kind of shooting, "Remington" shells have the famous "Kleanbore" non-corrosive priming.



"KLEANBORE CORRUGATED"

"Nitro Express" is the outstanding heavy load, for longest range, hardest hitting, most even pattern. Wet-proof and loaded only with the finest progressive burning powder.



"KLEANBORE CORRUGATED"

Here's the sensational Shur Shot shell with the "New Remington Crimp." Completely eliminates the 5 to 8 per cent of blown patterns which is inevitable in all ordinary shells. Now in use by the nation's leading trap and skeet shooters.

**Remington**  
DU PONT

*If it's Remington... It's Right!*

**Remington**  
DU PONT

Mention Hardware Age When Writing



# REMINGTON SHOTGUNS & RIFLES

## *the Choice of Sportsmen who Know their Shooting!*

Remington doesn't try to tell a man what kind of gun he should shoot. The choice is up to the customer. But we do say no man should shoot a gun that isn't the absolute top in quality in its class. Remington has never made a "cheap" gun, although many of the models are quite low in price. You can offer a customer any Remington gun and feel that you are playing square with his desire to buy a gun that will go through the years with him. Skeet and trap shooters and rifle enthusiasts who hammer away with their guns for hours at a time have long since learned that "If it's Remington . . . It's Right!" Here are a few of the popular Remington models:

### SHOTGUNS



**THE "SPORTSMAN"**

A three-shot autoloader in 12, 16 and 20 gauges. Its light weight and perfect balance make it handle and point with amazing ease. Furnished in all popular lengths and chokes. Also supplied in 5-shot capacity — Model 11.



**MODEL 31A**

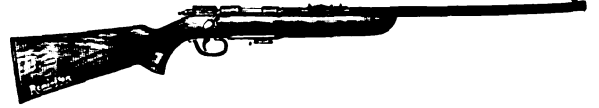
Five-shot pump action in 12, 16 and 20 gauges. Combines unsurpassed shooting qualities with exceptionally easy handling. Cross bolt safety. American walnut stock. Furnished in all popular lengths and chokes.

### RIFLES



**THE "TARGETMASTER"**  
Model 510A—.22 Caliber

A new .22 caliber rifle that offers the biggest value ever built into a gun in this price class. Bolt action single shot. Important safety features.



**THE "SCOREMASTER"**  
Model 511A—.22 Caliber

The new "Scoremaster" should not be classed with other .22 bolt action rifles selling at low prices. Here is a distinctly high grade gun. Bolt action repeater. Same as Model 510A except it has 6-shot magazine.



**THE "SPORTMASTER"**  
Model 341A—.22 Caliber

Here's a man-sized bolt action rifle with a full cut stock, semi-beavertail fore-end and a generous tube magazine. Shotgun style butt plate, military type safety and a polished non-friction bolt.



**THE "MATCHMASTER"**  
Model 513T—.22 Caliber

Designed to meet the demand for a high grade, moderately priced Remington target rifle. Complete in every detail for immediate use. Specially suited to school teams, rifle clubs, Summer camps, industrial leagues.



**THE "FIELDMASTER"**  
Model 121—.22 Caliber

An easy handling, accurate and fast shooting slide action repeater, surprisingly rich in quality for so modest a price. This gun will please the grown and growing shooters of both sexes. It is made with a 24-inch round, tapered barrel.



**THE "GAMEMASTER"**  
Model 141—.30, .32 and .35 Rem. Calibers

High power slide action rifle. Features include semi-beavertail fore-end, shotgun style steel butt plate, half pistol grip, front sight mounted on matted ramp, solid breech, hammerless takedown action.

There is a Remington rifle or shotgun for every shooting need.

Write for complete catalog, Remington Arms Co., Inc., Bridgeport, Conn.

**Remington** . *If it's Remington...It's Right!* **Remington**



Mention Hardware Age When Writing

**PETERS**  
DUPONT**PETERS****PETERS**  
DUPONT

# PACKS THE POWER!

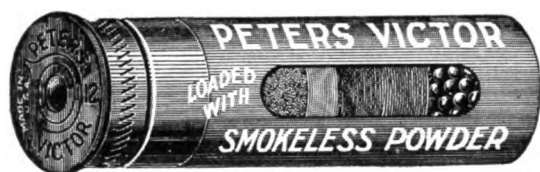
## SHOTSHELLS



The "Deluxe Target" is made for the discriminating sportsman who desires a load of the highest quality. It has a high brass base, easy-loading "water-tite" bevel crimp, highly polished uniform shot and a steel reinforced head. Speed, pattern, distance and killing power combine to make Peters "Deluxe Target" shells the choice of the shooter who demands unexcelled performance.



"High Velocity" is featured by long range killing power, dense patterns and accelerated velocity, without excessive recoil and within standard pressures. This shell is constructed throughout of the very best grade of materials. It is thoroughly waterproofed by an exclusive process that affords the greatest protection from water and moisture ever developed in a shotgun shell. These features guarantee the shooter a superior long range load.



Here is a Peters quality smokeless shot shell at a popular price. Peters "Victor" shells are supplied with highest quality smokeless powder and wadded with Peters superior felt wads. They have the popular Peters smooth-working "water-tite" bevel crimp and the same perfect shot as in Peters higher priced shells.



No more blown patterns if you use the Victor trap and skeet loads with the New Peters rimp. Completely eliminates the 5 to 8 per cent of blown patterns which is inevitable in all ordinary shells. No more "doughnut" patterns, improved wetproofing, cleaner shooting, extra yardage feature the New Peters Crimp.

## RIM AND CENTER-FIRE CARTRIDGES



"INNER-BELTED" HOLLOW POINT 200 GRAINS



"INNER-BELTED" SOFT POINT, 180 GRAINS

### ANNOUNCING TWO NEW BULLETS!

Peters "Inner-Belted" hollow point and Peters "Inner-Belted" soft point bullets are another major Peters development for maximum ammunition performance at no increase in cost over conventional bullets. Essential feature is the especially designed "Inner-Belted" jacket. The belt is integral with the inside of the jacket mid-section to withstand the terrific force exerted on impact. Disintegration is prevented. Positive controlled expansion is the result, whether fired over short or long ranges with soft or hollow point bullets. Suitable for medium and large game the new Peters "Inner-Belted" bullets are available in 27 popular sizes.



"High Velocity." Extra Wallop. When you hit a squirrel, crow, rabbit or other small game with a High Velocity bullet you know it's down to stay. When you pass up long range shots with ordinary ammunition, try High Velocity. It steps in with power to spare. Delivers a smashing blow even at 300 yards. Supplied in .22 short, long and long rifle with brass cases and solid or hollow point bullets Rustless priming. Peters .22 cartridges are also supplied in standard velocity.



"Target." Improved Accuracy. A sensational .22 that combines the two features desired most by all shooters—flatter trajectory plus the accuracy of a target cartridge. "Target" .22's mark a new step forward in ammunition manufacture. And establish a new standard of values, for Target .22's are sold at the same price as regular .22 smokeless cartridges. Supplied with a new model brass case, perfectly balanced bullet. Rustless priming. Made in .22 short, long and long rifle sizes with solid bullets.

## PETERS CARTRIDGE DIVISION

Remington Arms Co., Inc., Bridgeport, Conn.

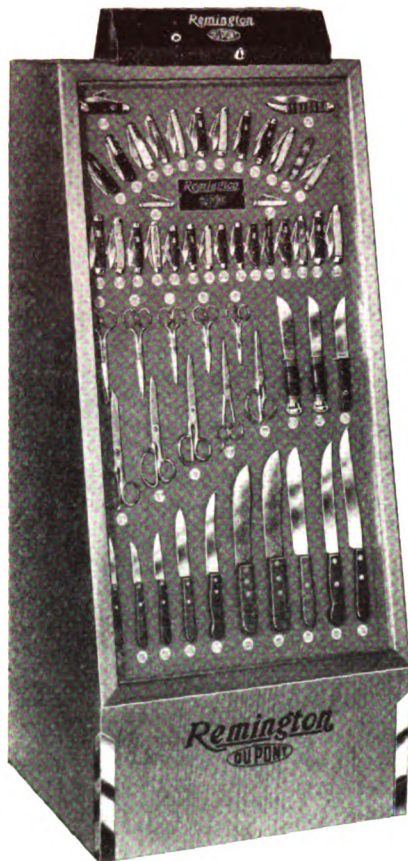
Mention Hardware Age When Writing

LET REMINGTON, DU PONT HELP YOU

# MODERNIZE YOUR CUTLERY DEPARTMENT

AT A SMALL INVESTMENT

## WITH A NEW SHOW CASE!



No. RC-39

### MOVABLE UPRIGHT FLOOR CASE

Attractive upright case heavily constructed of oak plywood, sturdy, finished in natural wood color. Equipped with *casters*, it is easily moved. Height 48", width 22", shipping weight 112 lbs. Your own selection of knives mounted at the factory free. There is a way to obtain one at a saving. Consult your jobber's salesman or write us.

**Remington Arms Co. Inc.**  
BRIDGEPORT, CONN.

### Here's What This Show Case Will Do For You

1. Increase your cutlery sales.
2. Permit small operating stock, hence highly profitable.
3. Attract customers.
4. Conserve your floor space.
5. Save buying time and selling time.
6. Concentrate your cutlery department.

Remington offers a number of permanent cutlery display cases designed to fit the specific space and needs of every hardware merchant in city, town, and country. These cases bear the names Remington and Du Pont in prominent places, thus tying in the dealer's store with nationally known names that make it easy to sell cutlery.

### "The complete line of nationally known cutlery"

1. Pocket Knives of all types
2. Hunting Knives
3. Stainless Household Cutlery
4. Butcher Knives
5. Shears and Scissors
6. Table Knives and Forks
7. Carving Sets
8. Putty Knives and Scrapers
9. Chef and Hotel Knives
10. Industrial Knives

**Remington**  
**DU PONT**

**FAMOUS FOR THEIR RAZOR SHARP EDGES!**



**SPRING RIDINGS TOYS**

Appleton Toy & Furn. Co., Appleton, Wis. "Gee-gee Jr."  
Kiddie Gym Co., Inc., Elizabeth, N. J. "Cal's Colt"  
Lakewood Mfg. Co., 1220 N. Bosworth Av., Chicago, Ill. "Arabian Pony"  
Pontiac Spring & Bumper Co., 8 Lake, Pontiac, Mich. "Hobby-Tot"  
Trainer National Spring Co., New Castle, Ind. "Trainer Pony"

**SPRING SCREEN DOOR HINGES**—See Hinges, Door, Screen, Spring

**SPRING STEEL**—See Steel, Spring

**SPRING WASHERS**—See Washers, Lock

**SPRING WINDERS**—See Winders, Spring, Hand

**SPRING WIRE**—See under Wire

**SPRINGS, in Assortments**

Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
American Coil Spring Co., Muskegon, Mich.  
Dowsett Spring Co., Dowagiac, Mich.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Hubbard Spring Mfg. Co., Pontiac, Mich.  
Hunter Pressed Steel Co., Lansdale, Pa.  
Peck Spring Co., Plainville, Conn.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Raymond Mfg. Co., Corry, Pa.  
Special Hdw. Corp., Medford, N. Y. "No-Junk"  
Tuck Mfg. Co., Brockton, Mass.

**SPRINGS, Bird Cage**

Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
American Spring & Wire Specialty Co., 814 No. Spaulding Av., Chicago, Ill.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Gibson (Wm. D.) Co., Chicago, Ill.  
Hendryx (Andrew B.) Co., New Haven, Conn.  
Hunter Pressed Steel Co., Lansdale, Pa.  
Lindemann (O.) & Co., 1141 B'way, New York, N. Y.  
Parker Metal Goods Co., Worcester, Mass.  
Parker Wire Goods Co., Worcester, Mass.  
Raymond Mfg. Co., Corry, Pa.  
Turner & Stanton Co., Norwich, Conn.  
Washburn Company, Worcester, Mass. "Eclipse"  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
Winsted Hdw. Mfg. Co., Winsted, Conn.  
Yost Superior Co., Springfield, O.  
**SPRINGS, Coil**—See Springs, Machinery or Coil; also Springs, Small

**SPRINGS, Door**

(See also Checks, Door)  
Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "Perfection"  
Barnes (Wallace) Co., Bristol, Conn.  
Bommer Spring Hinge Co., 283 Classon Ave., B'klyn, N. Y. "Spiral"  
Champion Hardware Co., Geneva, O.  
Chicago Spring Hinge Co., 1500 Carroll Av., Chicago, Ill. "Chicago"  
Cleveland Wire Spring Co., Cleveland, O.  
Corbin, P. & F., New Britain, Conn.  
Cuyahoga Spring Co., Cleveland, O.  
Dowsett Spring Co., Dowagiac, Mich.  
Eanis Mfg. Co., Reading, Pa.  
Frantz Mfg. Co., Sterling, Ill.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Close-A-Door"  
Hunter Pressed Steel Co., Lansdale, Pa.  
Milwaukee Stamping Co., Milwaukee, Wis.  
National Mfg. Co., Sterling, Ill.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Raymond Mfg. Co., Corry, Pa.  
Reading Hdw. Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
Sargent & Co., New Haven, Conn. "Champion," "Victor"  
Sharon Hdw. Co., Sharon, Pa. "Perfect"  
Shelby Spring Hinge Co., Shelby, O. "Perfection"  
Thomas Products Co., 15473 Indiana Av., Detroit, Mich. "Seotch"  
Yost Specialties Co., 1715 8th Av., B'klyn, N. Y.  
Washburn Company, Worcester, Mass. "Perfection"  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. "Morgan," "Perfection"  
Yost Superior Co., Springfield, O.

**SPRINGS, Door, Screen**

(See also Checks, Door, Screen)  
Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"  
Corbin, P. & F., New Britain, Conn.  
Cuyahoga Spring Co., Cleveland, O.  
Dowsett Spring Co., Dowagiac, Mich.  
Frantz Mfg. Co., Sterling, Ill.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Close-A-Door"  
Hunter Pressed Steel Co., Lansdale, Pa.

Larson (Chas. O.) Co., Av. G. & C. & N. W. R. R., Sterling, Ill.  
Lawrence Bros., Sterling, Ill.  
National Mfg. Co., Sterling, Ill.  
Norton Door Closer Co., 2900 Northwestern Av., Chicago, Ill.  
Raymond Mfg. Co., Corry, Pa.  
Shelby Spring Hinge Co., Shelby, O.  
Stanley Works, New Britain, Conn.  
Wagner Mfg. Co., Cedar Falls, Ia.  
Washburn Company, Worcester, Mass.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**SPRINGS, Flat**

Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
American Specialty Co., Bridgeport, Conn.  
American Spiral Spring & Mfg. Co., Pittsburgh, Pa.  
American Spring & Mfg. Corp., Holly, Mich.  
American Spring & Wire Specialty Co., 814 No. Spaulding Av., Chicago, Ill.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Barnes (Wallace) Co., Bristol, Conn.  
Cary Spring Co., 240 W. 29th, New York, N. Y.  
Duer Spring & Mfg. Co., Pittsburgh, Pa.  
Dunbar Bros. Co., Bristol, Conn.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Gem Crib & Cradle Co., Gardner, Mass.  
Gibson (Wm. D.) Co., Chicago, Ill.  
Hubbard Spring Mfg. Co., Pontiac, Mich.  
Hunter Pressed Steel Co., Lansdale, Pa.  
Lee Spring Co., 30 Main, B'klyn, N. Y.  
Raymond Mfg. Co., Corry, Pa.  
Reliance Spring & Mfg. Co., 238 40th, B'klyn, N. Y.  
Union Spring & Mfg. Co., New Kensington, Pa.  
Washburn Wire Co., 550 E. 118th, New York, N. Y.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. (Clock)

**SPRINGS, Furniture**—See Springs, Upholstery

**SPRINGS, Lock**

Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
American Spiral Spring & Mfg. Co., Pittsburgh, Pa.  
American Spring & Wire Specialty Co., 814 No. Spaulding Av., Chicago, Ill.  
Dowsett Spring Co., Dowagiac, Mich.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Hunter Pressed Steel Co., Lansdale, Pa.  
Independent Lock Co., Fitchburg, Mass. "Tico"  
Jones (W. B.) Spring Co., 124 E. 7th, Cincinnati, O.  
Raymond Mfg. Co., Corry, Pa.  
Yost Superior Co., Springfield, O.

**SPRINGS, Machinery or Coil**

Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
Advance Spring & Wire Co., Chicago, Ill.  
American Coil Spring Co., Muskegon, Mich.  
American Specialty Co., Bridgeport, Conn.  
American Spiral Spring & Mfg. Co., Pittsburgh, Pa.  
American Spring & Mfg. Corp., Holly, Mich.  
American Spring & Wire Specialty Co., 814 No. Spaulding Av., Chicago, Ill.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Barnes (Wallace) Co., Bristol, Conn.  
Cary Spring Wks., 240 W. 29th, New York, N. Y.  
Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
Chicago Coil Spring Co., Chicago, Ill.  
Cleveland Wire Spring Co., Cleveland, O.  
Cuyahoga Spring Co., Cleveland, O.  
Dowsett Spring Co., Dowagiac, Mich.  
Duer Spring & Mfg. Co., Pittsburgh, Pa.  
Dunbar Bros., Bristol, Conn.  
Eureka Spring Co., 150 Blecker, New York, N. Y.  
Fischer (Chas.) Spring Co., 473 Kent Av., B'klyn, N. Y.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Gibson (Wm. D.) Co., Chicago, Ill.  
Hubbard Spring Mfg. Co., Pontiac, Mich.  
Hunter Pressed Steel Co., Lansdale, Pa.  
Jones (W. B.) Spring Co., 124 E. 7th, Cincinnati, O.  
Kokomo Spring Co., Kokomo, Ind.  
Murray (Wm. A.) Spring Co., Cincinnati, O.  
Peck Spring Co., Plainville, Conn.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Raymond Mfg. Co., Corry, Pa.  
Reliance Spring & Mfg. Co., 238 40th, B'klyn, N. Y.  
Special Hdw. Corp., Medford, N. Y.  
Tuck Mfg. Co., Brockton, Mass.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
Yost Superior Co., Springfield, O.

**SPRINGS, Porch Swing**

Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Duer Spring & Mfg. Co., Pittsburgh, Pa.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Hunter Pressed Steel Co., Lansdale, Pa.  
Jones (W. B.) Spring Co., 124 E. 7th, Cincinnati, O.  
Raymond Mfg. Co., Corry, Pa.  
Yost Superior Co., Springfield, O.

**SPRINGS, Screen**

Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
Caldwell Mfg. Co., 40 Industrial, Rochester, N. Y. "Caldwell"  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Sargent & Co., New Britain, Conn.

**SPRINGS, Small**

Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
American Coil Spring Co., Muskegon, Mich.  
American Spiral Spring & Mfg. Co., Pittsburgh, Pa.  
American Spring & Wire Specialty Co., 814 No. Spaulding Av., Chicago, Ill.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Barnes (Wallace) Co., Bristol, Conn.  
Cary Spring Wks., 240 W. 29th, New York, N. Y.  
Cleveland Wire Spring Co., Cleveland, O.  
Cuyahoga Spring Co., Cleveland, O.  
Dowsett Spring Co., Dowagiac, Mich.  
Dunbar Bros. Co., Bristol, Conn.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Gibson (Wm. D.) Co., Chicago, Ill.  
Hubbard Spring Mfg. Co., Pontiac, Mich.  
Hunter Pressed Steel Co., Lansdale, Pa.  
Jackson Cushion Spring Co., Jackson, Mich.  
Jones (W. B.) Spring Co., 124 E. 7th, Cincinnati, O.  
Lee Spring Co., 353 Classon Av., B'klyn, N. Y.  
Manross (F. N.) & Sons, Forestville, Conn.  
Peck Spring Co., Plainville, Conn.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Raymond Mfg. Co., Corry, Pa.  
Reliance Spring & Mfg. Co., 238 40th, B'klyn, N. Y.  
Springfield Spring Co., Springfield, O.  
Trenton Spring Mattress Co., Trenton, N. J.  
Tuck Mfg. Co., Brockton, Mass.  
Union Spring & Mfg. Co., New Kensington, Pa.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
Wing (Chas.) Co., Amesbury, Mass.  
Yost Superior Co., Springfield, O.  
**SPRINGS, Spiral**—See Springs, Small

**SPRINGS, Upholstery**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Miller"  
Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
Cuyahoga Spring Co., Cleveland, O.  
Jackson Cushion Spring Co., Jackson, Mich.  
Jones (W. B.) Spring Co., 124 E. 7th, Cincinnati, O.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Schwing (R. I.) Co., Plaquemine, La.  
Trenton Spring Mattress Co., Trenton, N. J.  
Vincent-Alward Co., Kenosha, Wis.

**SPRINGS, Valve, Engine**

(See also Springs, Machinery or Coil)  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Hunter Pressed Steel Co., Lansdale, Pa.  
Peck Spring Co., Plainville, Conn.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Raymond Mfg. Co., Corry, Pa.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
Yost Superior Co., Springfield, O.

**SPRINGS, Window**

Accurate Spring Mfg. Co., 3811 W. Lake, Chicago, Ill.  
American Spring & Wire Specialty Co., 814 No. Spaulding Av., Chicago, Ill.  
Cuyahoga Spring Co., Cleveland, O.  
Dowsett Spring Co., Dowagiac, Mich.  
Dunbar Bros. Co., Bristol, Conn. "Dunbar Springs"  
Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Gardner"  
Hunter Pressed Steel Co., Lansdale, Pa.  
Metalvent Corp., 1333 W. Burleigh, Milwaukee, Wis. "Jiffy"  
Stanley Wks., New Britain, Conn.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**SPRINGS, Wire**—See kind desired under Springs

**SPRINKLERS, Clothes**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Brown, John Clark, 525 Lexington Av., New York, N. Y. "OK"  
Capson Mfg. Co., 4115 Ravenswood Av., Chicago, Ill.  
Carpenter (E. W.) Mfg. Co., 1565 Railroad Av., Bridgeport, Conn.  
Central Rubber Products Co., Inc., 821 B'way, New York, N. Y. "Spra-Bulb"  
Federal Tool Corp., 412 N. Leavitt, Chicago, Ill.  
Imperial Metal Mfg. Corp., 138-01 Queens Blvd., Long Island City, N. Y.  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa. (Rubber)  
Kreamer (A.), Inc., 307 Kent, B'klyn, N. Y.  
Meco, Inc., 2947 N. 30th, Milwaukee, Wis. "Sprinkle-Kap"  
Washburn Company, Worcester, Mass.



## RIXFORD TOOLS

*Famous Since 1812*



Rixford Scythe



Rixford Axe

We have been manufacturing quality Scythes for 124 years and have been producing Genuine Hand Forged and Hand Tempered Axes for 56 years.

We will be pleased to grant exclusive agencies to leading Hardware Stores in all sections of the United States and would appreciate hearing from dealers who are interested.

We are Manufacturers of Axes, Scythes, Weed Cutters, Bush Hooks, Corn Knives and Grass Hooks, and are Jobbers of Snaths and Axe Handles. Send for Catalog and Prices.

**RIXFORD MFG. CO., East Highgate, Vt.**

## Gibson Good Tools

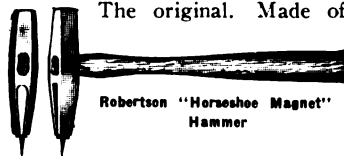
Gibson Patented\* Gripper Clips are made of flexible, oil-tempered steel, nickel plated. Small size is for holding kitchen utensils, tools, golf clubs, canes, etc. Large size for brooms, mops, garden tools, etc. Retail readily at 10¢ ea. Packed 1 doz. small and 2 doz. large clips with beautiful disp. card. Also on individual cards. Samples on request.



**Gibson Gripper Clips**  
(Actual Size) Small Size.

## "HORSESHOE MAGNET" HAMMER

Trade Mark Reg.



Robertson "Horseshoe Magnet" Hammer

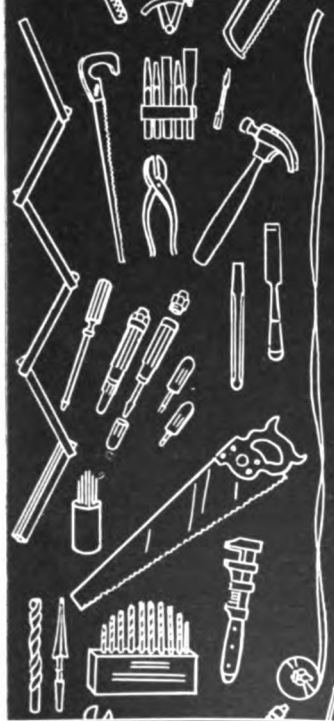
The original. Made of superior forged steel, strongly and permanently magnetized. Holds securely. Patterns for home, shop, store and other uses. Send for Folder which shows complete line, also the fast selling Handy Andy Combination Screw Driver & Key Chain—a 10¢ leader.

**GIBSON GOOD TOOLS, INC.**

BOX 268

ORANGE, MASS., U. S. A.

## INTEGRITY TOOLS



- BALLS—flush tank
- BRACES—bit
- CALIPERS and DIVIDERS
- CHISELS—brick and wall  
cape  
carpenters  
cold  
floor  
plumbers
- DRILLS—bit stock (imported)  
blacksmith's (imported)  
brick, stone, cement, etc.  
hand  
twist (imported)
- 5¢—10¢—15¢—25¢—\$1 Specialties
- FRAMES—backsaw (imported)
- HANDLES—chisel (unbreakable)  
screwdriver (unbreakable)
- HOLDERS—twine
- NIPPERS—cutting (imported)
- PINCERS—imported
- PLIERS—linesmen's & electrician's  
(imported)  
regular (imported)  
slip joint (imported)
- PUNCHES—center and prick  
pin
- RACKS—tlo "Non-Slip"
- RULES—flexible-rigid, steel (imported)  
folding  
machinist's (imported)  
steel (imported)
- SAWS—hack  
hand (imported)  
nest (imported)
- SCREW DRIVERS—"Phillips"  
"Ritter"  
"Integrity"
- SCREW DRIVERS—insulated  
(also 3-in-1 insulated)
- SCREW DRIVERS—ratchet (imported)
- SETS—nail
- SQUARES—combination (imported)
- TAPES—measuring (imported)

**RITTER-CARLTON CO., INC.**

373 Fourth Ave., New York

## Zoro Room PERFUMER

Bathroom Deodorant



Aluminum Holder—Refillable  
Snaps On—Stays On—Won't Rust

**FAST SELLING, LOW PRICED  
HOUSEHOLD NECESSITIES**

Moth Pads, Moth Balls, Insect Powder  
& Sprays, Para Crystals, Lithographed  
Metal Coasters & Trays.

Also 26 other fast selling specialties

See your jobber or write for reference

**The ZORO Co.**

844 West Erie St.  
Chicago, Ill.



**RE-LAX** AN "EASY" CHAIR

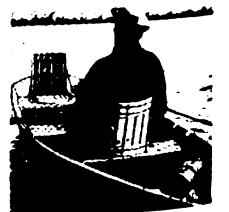
**For CAMP, BEACH  
or GRANDSTAND**

Shapes itself to three  
body and supports it  
in the most comfort-  
able position.

**IDEAL FOR  
FISHING — PICNICS —  
BASEBALL — FOOTBALL  
and BASKETBALL GAMES**

See your jobber or write for reference

**RELAX MFG. COMPANY**  
842 W. Erie Street  
Chicago, Ill.



**Mention Hardware Age When Writing**

## SPRINKLERS, Lawn

ams Co., Dubuque, Ia.  
 den (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 "Ajax," "Aetna," "Anaconda," "Australian,"  
 "Baby Ring," "Bird Bath," "Blake," "Buckeye,"  
 "Bus," "C.B.G.," "California," "Chicago," "Colo-  
 rado," "Cyclone," "Dew Drop," "Dixie," "Dollar,"  
 "Eureka," "Evanston," "Garden City," "Hart-  
 ford," "Mayflower," "Midget," "Meng," "Pluvius,"  
 "Porkside," "Preston," "Putting Green," "Red  
 Arrow," "Red Top," "Ring," "Sunshine," "Sur-  
 prise," "Turbine," "Twentieth Century," "Two-  
 in-One," "Universal," "Victor," "Yankee," "Ze-  
 nith"  
 lsteel Mfg. Co., Battle Creek, Mich. "Rain Drop,"  
 "Rotary"  
 merican Foundry & Mfg. Co., St. Louis, Mo. "Cac-  
 tus," "Japanese"  
 mstrong Products Corp., Huntington, W. Va.  
 "Aero Mist," "Fountain," "Half-Fountain"  
 automotive Sprinkler Co., North Platte, Nebr. "Tor-  
 rent Traveler" (Automatic)  
 & J. Mfg. Co., Springfield, O. "Duplex," "Fan  
 Spray," "Merit," "Saucer Spray," "Twirler"  
 radley Wash Fountain Co., N. 22nd & W. Michi-  
 gan, Milwaukee, Wis. "Bradley Serpentine"  
 rnk & Cotton Mfg. Co., 62 Cherry, Bridgeport,  
 Conn. "B. & C."  
 rks (Jno. A.), Inc., Detroit, Mich. "Rains only  
 Rival" (Also Underground)  
 rown (E. C.) Co., Rochester, N. Y. "Whirling  
 Showers"  
 cker Mfg. Co., Fresno, Cal. "Golf King,"  
 "Shimmy"  
 uffalo Sprinkler Co., 12 Skillin, Buffalo, N. Y.  
 ampbell Irrigation Co., Woodbury, N. J. "Water-  
 fan"  
 ntre Brass Works, Inc., 72 Spring, New York,  
 N. Y.  
 hicago Flexible Shaft Co., 5600 W. Roosevelt Rd.,  
 Chicago, Ill. "Rain King"  
 hadborn & Coldwell Mfg. Co., Newburgh, N. Y.  
 "Rip Master Rainmaker"  
 oldwell Lawn Mower Co., Newburgh, N. Y. "Rip  
 Master Rainmaker"  
 ayton Irrigation Co., Dayton, O. "Golf General,"  
 "Greenway," "Junior," "Master," "Rainstorm"  
 eming Co., Salem, O.  
 diamond Rubber Co., Akron, O. "Handi-Spray,"  
 "Rain Spray"  
 ouble Rotary Sprinkler Co., 1210 Candler Bldg.,  
 Kansas City, Mo. "Double Rotary," "Holland  
 Rotary"  
 urst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 "Rainbow"  
 ain Products Co., 3954 Drexel Blvd., Chicago, Ill.  
 "Elin Lifetime"  
 hart Brass Mfg. Co., Elkhart, Ind. "Hoosier"  
 ee (H. L.) Mfg. Co., Beverly Hills, Cal.  
 eneral Hardware Mfg. Co., 16 Warren, New York,  
 N. Y.  
 hat Lakes Stamping & Mfg. Co., Fassett, Toledo,  
 O. "Dew Mist"  
 amilton Metal Products Co., Hamilton, O. "Climax"  
 aydeville Co., Haydeville, Mass.  
 ertstone Brass & Rubber Co., Broad & Lehigh Av.,  
 Phila., Pa. "Keystone," "Lawn King," "Rain-  
 bow," "Springator"  
 rahn Mfg. Co., Milwaukee, Wis.  
 awn Equipment Co., So. Norwalk, Conn. "Leco"  
 aby Mfg. Co., Los Angeles, Cal.  
 eye Aluminum Co., Kewaunee, Wis. "Priscilla"  
 itletown Hdw. & Fdry. Co., Littlestown, Pa.  
 aclean (Jean) Vitamins, 707 Locust, Des Moines,  
 Ia.  
 idwell Mfg. Co., Oakland, Cal.  
 arch Automatic Irrigation Co., Muskegon, Mich.  
 "Rainmaker"  
 oided Specialties Co., 1971 E. 79th, Cleveland,  
 O. "Tri-Con"  
 ational Brass Co., Grand Rapids, Mich. "Lawn  
 Master"  
 elson (L. R.) Mfg. Co., Peoria, Ill. "A & N,"  
 "Bunny," "Can't Beat Em," "Circle," "Clipper,"  
 "Crown," "Crescent," "Cricket," "Flaring Rose,"  
 "Half Fountain," "Handy," "Jewel," "Lark,"  
 "Nobby," "Old Faithful," "Poppy," "Red Bird,"  
 "Rotary," "Silver Spray," "Square Fountain,"  
 "Square Spray," "Water Master," "Whirling  
 Fairy," "Whirling Mist," "Whirling Wizard"  
 emeyer (H. F.) & Son, Macungie, Pa. "New"  
 iles Steel Products Co., Niles, O. "Whirler"  
 Park Sprinkler Mfg. Co., 4251 Marquette Av., Jack-  
 sonville, Fla. "Park"  
 ennsylvania Lawn Mower Wks., Inc., Primos, Del.  
 Co., Pa.  
 remax Products Div., Chisholm-Ryder Co., Inc.,  
 5000 College Av., Niagara Falls, N. Y. "Floating  
 Head," "Premax," "Turbine"  
 iberna Brass Mfg. Co., Detroit, Mich. "Rain"  
 ase Sprinkler Co., Pasadena, Cal. "Champion,"  
 "Star"  
 oyal Mfg. Co., Fort Wayne, Ind. "Royal Mystifier"  
 ecill Mfg. Co., Waterbury, Conn. "Sprinklemist"  
 es Products, Inc., 2022 Rand Bldg., Buffalo, N. Y.  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 "Stayflat"  
 runner Irrigation Co., Troy, O.  
 mith (D. B.) & Co., Utica, N. Y. "Evergreen"  
 pencer Mfg. Co., Seattle, Wash. "Misty"  
 aley Mfg. Corp., Columbus, Ind.  
 Standard Sprinkler Mfg. Co., Tampa, Fla. "Big  
 King," "Little Giant," "Master," "Raindrop,"  
 "Whirler"  
 Thomas Products Co., 15473 Indiana Av., Detroit,  
 Mich. "5 Way Sprinkler-Nozzle"  
 Thompson Mfg. Co., Los Angeles, Cal. "Fan,"  
 "Fountain," "Imperial," "Junior," "Parkway Fan,"  
 "Perkins," "Premier," "Rose," "Shower," "Sim-  
 plex," "Spoke Fan," "Twin Hose" (Underground)

Turner Brass Wks., Sycamore, Ill.  
 Universal Lawn Tool Co., 3450 N. E. B'way, Port-  
 land, Ore. "Water Mizer"  
 Village Blacksmith Folks, Watertown, Wis.  
 W-W Feed Grinder Corp., Wichita, Kan.  
 White Showers, Inc., 6451 Dubois, Detroit, Mich.  
 "Water-Waver"  
 Wittek Mfg. Co., 4309 W. 24th Place, Chicago, Ill.  
 "Square-Mist"  
 X-L Mfg. Co., Chicago, Ill. "Evenspread," "5 in 1,"  
 "Hydro Spray"  
 SPRINKLING CANS—See Pots, Watering; also  
 Sprinklers, Lawn  
 SPRINKLING STANDS—See Stands, Sprinkler  
 SPROCKET CHAIN—See Chain, Sprocket

## SPROUTERS, Oat, Poultry Feed

Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nu-  
 Way"  
 Close-To-Nature Co., Colfax, Ia.  
 Collins, W. H., 27 Greene, New York, N. Y.  
 Des Moines Incubator Corp., Des Moines, Ia. "Succes-  
 ful"  
 Drew Line Co., Fort Atkinson, Wis.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago,  
 Ill.  
 James Mfg. Co., Fort Atkinson, Wis. "Jamesway"  
 Miller (J. W.) Co., Rockford, Ill. "Ideal"  
 Mit-Shel Stamping Mfg. Co., Quincy, Ill.  
 Putnam (I.), Inc., Elmira, N. Y.  
 Reliable Incubator & Brooder Co., Quincy, Ill.  
 SPUD CEMENT—See Cement, Spud  
 SPUD WRENCHES—See Wrenches, Spud, Closet,  
 Also Wrenches, Spud, Radiator

## SPUDS, Bark

American Logging Tool Co., Evart, Mich.  
 Leach Co., Oshkosh, Wis.  
 Peavey Mfg. Co., Brewer, Me.  
 Snow & Nealley Co., Bangor, Me. "Our Best"  
 Warren Axe & Tool Co., Warren, Pa.

## SPUDS, Tractor

Diamond Calk Horseshoe Co., 4622 Grand Av., Du-  
 luth, Minn. "Diamond"  
 Phoenix Manufacturing Company, Joliet, Ill. "Phoe-  
 nix"

## SPURS

Crockett Bit & Spur Co., Lenexa, Kan.  
 North & Judd Mfg. Co., New Britain Conn.  
 Stalker Mfg. Co., 71 Murray, New York, N. Y.

## SPUR GEAR HOBS—See Hobs

## SQUARE and BIT LEVELS—See Levels, Bit and Square

## SQUARE WASHERS—See Washers, Square

## SQUARES, Bevel

Southington Hdw. Co., Southington, Conn.  
 Stanley Tools Div. of Stanley Works, New Britain,  
 Conn.  
 Starrett (L. S.) Co., Athol, Mass.

## SQUARES, Caliper

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Starrett (L. S.) Co., Athol, Mass.

## SQUARES, Carpenters'—See type desired, under Squares

## SQUARES, Center

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Starrett (L. S.) Co., Athol, Mass.

## SQUARES, Combination

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Fleming Mfg. Co., Inc., Worcester, Mass.  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 Ritter-Carlton Co., Inc., 373 4th Av., New York,  
 N. Y. (Imported)  
 Stanley Tools Div. of Stanley Works, New Britain,  
 Conn.  
 "Defiance," "Stanley"  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.

## SQUARES, Framing

Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 Sargent & Co., New Haven, Conn.  
 Southington Hdw. Co., Southington, Conn.  
 Stanley Tools Div. of Stanley Works, New Britain,  
 Conn.

## SQUARES, Glass Cutters'

Lufkin Rule Co., Saginaw, Mich. (L & T)

## SQUARES, Iron and Steel

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Forsyth Metal Goods Co., Inc., East Aurora, N. Y.  
 Nicholls Mfg. Co., Ottumwa, Ia. "Eureka"  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Sargent & Co., New Haven, Conn.  
 Southington Hdw. Co., Southington, Conn. "Aetna"  
 Stanley Tools Div. of Stanley Works, New Britain,  
 Conn.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.  
 Washburn Company, Worcester, Mass.

## SQUARES, Machinists'

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls Co., Greenfield, Mass.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.  
 SQUARES, Mitre—See Squares, Try and Mitre  
 SQUARES, STEEL—See Squares, Iron and Steel

## SQUARES, Steel "T"

Starrett (L. S.) Co., Athol, Mass.

## SQUARES, Try and Mitre

Breul (Fred G.) Tool Works, 46 Seymour, Bridge-  
 port, Conn. "Fox's"  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Lufkin Rule Co., Saginaw, Mich. "Universal"  
 Millers Falls Co., Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 "Pexto"  
 Rose (Wm.) Bros., Sharon Hill, Pa.  
 Southington Hdw. Co., Southington, Conn.  
 Stanley Tools Div. of Stanley Works, New Britain,  
 Conn. "Defiance," "Stanley"  
 Starrett (L. S.) Co., Athol, Mass.  
 SQUASH BALLS—See Balls, Squash  
 SQUASH RACKETS—See Rackets, Squash

## SQUEEGEES, Floor

Ardmore Mfg. Co., 5082 Lincoln Av., Chicago, Ill.  
 Artmoore Co., 108 N. Water, Milwaukee, Wis.  
 "New Art" (Sponge Rubber)  
 Chicago Squeegee & Rubber Co., 6326 W. Cuyler  
 Av., Chicago, Ill.  
 De Hymel Mfg. Co., Ltd., 3440 E. Foothill Blvd.,  
 Pasadena, Cal. "All-Purpose"  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 Flex-O-Sweep Co., New Richmond, Wis. "Flex-O-  
 Sweep," "Flex-O-Water Sweep"  
 Gourley Mfg. Co., 785 S. Shelby, Louisville, Ky.  
 "Ezy Scrubber"  
 Greenview Mfg. Co., 2557 Greenview Av., Chicago,  
 Ill. "Arrow"  
 Hanke (Aug.) & Son Co., 6326 W. Cuyler Av., Chi-  
 cago, Ill. "De Luxe," "Rainbow," "Two-in-One"  
 Illinois Duster Co., 1944 W. Webster Av., Chicago,  
 Ill.  
 Mechanical Supplies Co., 2250 S. Dearborn, Chi-  
 cago, Ill.  
 Merchants & Manufacturers Co., Springfield, Mass.  
 "Bates" (Sponge Rubber)  
 National Houseware Corp., 1170 B'way, New York,  
 N. Y. "National" (Sponge Rubber)  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
 "Osborn," "Silver Beauty"  
 SQUEEGEE POLE CONNECTORS—See Connectors,  
 Pole, Squeegee

## SQUEEGEES, Window

(See Also Cleaners, Window)

Acker & Man, Inc., 12 W. 17th, New York, N. Y.  
 Ardmore Mfg. Co., 3813 N. Ravenswood Av., Chi-  
 cago, Ill. "Royal"  
 Brown, John Clark, 525 Lexington Av., New York,  
 N. Y. "Kenberry"  
 Carter Products Corp., 702 Front Av., Cleveland, O.  
 "Carter" (Combination)  
 Chicago Squeegee & Rubber Co., 6326 W. Cuyler  
 Av., Chicago, Ill.  
 De Hymel Mfg. Co., Ltd., 856 Maple, Pasadena, Cal.  
 "All-Purpose" (Floor)  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 "Blue-Bill," "Golden Eagle," "Golden Seal,"  
 "Ideal," "Red-Head," "Sure-Grip"  
 Dormeyer (A. F.) Mfg. Co., 4316 N. Kilpatrick Av.,  
 Chicago, Ill. "Emerald Queen," "Golden Queen,"  
 "Silver Queen"  
 Gordon Mfg. Co., 110 E. 23d, New York, N. Y.  
 "Master" (Combination)  
 Greenview Mfg. Co., 2557 Greenview Av., Chicago,  
 Ill. "Arrow," "Golden"  
 Hanke (Aug.) & Son Co., 6326 W. Cuyler Av., Chi-  
 cago, Ill. "Golden Rule," "Merchants," "Silver  
 Star"  
 Illinois Duster Co., 1944 W. Webster Av., Chicago,  
 Ill.  
 Kautenberg (W. E.) Co., Freeport, Ill. "Hawrylasz,"  
 "Scru-Less"  
 Marvel Window Cleaner, Inc., Cleveland, O. (Com-  
 bination)  
 Mechanical Supplies Co., 2250 S. Dearborn, Chicago,  
 Ill. "Hy-Grade"  
 Merchants & Manufacturers Co., Springfield, Mass.  
 "Bates" (Sponge Rubber)  
 Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O.  
 "Osborn," "Professional," "Sure Clean"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 United Wire Goods Mfg. Co., Inc., 1150 B'way, New  
 York, N. Y. "Uni Tool"  
 Winkler Metal Ware Co., Inc., 17 Rush, Bklyn.,  
 N. Y. "Capitol"

## SQUEEZERS, Lemon

American Aluminum Ware Co., 374 Jelliff Av., New-  
 ark, N. J. "Peerless"  
 American Lime Corp., 373 Washington, New York,  
 N. Y. "Fresco"  
 Arcade Mfg. Co., Freeport, Ill.  
 Bremer Aluminum Corp., New Washington, O.  
 Cambridge Glass Co., Cambridge, O.  
 Canton Glass Co., Marion, Ind. "Manny"



**SQUEEZERS, Lemon (Continued)**

Giles & Nielsen Nickel Wks., Troy, N. Y. "Clipper"  
Hills, Edwin, Plainville, Conn.  
Holmes Mfg. Co., Los Angeles, Cal. "California"  
Indiana Glass Co., Dunkirk, Ind.  
Landers, Frary & Clark, New Britain, Conn. "L. F. C."  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
Richards & Bechtold, Bellaire, Mich.  
Sommer (John) Faucet Co., 32 Morris Av., Newark, N. J.  
Stover Mfg. & Engine Co., Freeport, Ill.  
Taplin Mfg. Co., New Britain, Conn. "Victor"  
Tucker-Dorsey Mfg. Corp., Indianapolis, Ind.  
United States Glass Co., Pittsburgh, Pa.  
Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
Washburn Company, Worcester, Mass. "Lemon-Alder"  
Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J. "New Gem," "Star"  
Wrightville Hdw. Co., Wrightville, Pa. "American Queen," "Boss," "Brighton," "Crescent," "Crystal," "Diamond," "Full Moon," "Queen," "Sterling," "Union"

**SQUEEZERS, Rivet**

Porter (H. K.) Inc., Everett, Mass. "HKP"

**SQUIDS**

Buel (J. T.) Co., Saratoga Springs, N. Y.  
Enterprise Mfg. Co., Dept. HA, Akron, O. "Birdie," "Pflueger Fan-Tail"

**STABLE BROOMS**—See Brooms, Street and Stable  
**STABLE FITTINGS**—See Fittings, Stable  
**STABLE GUTTER MANGER DRAINERS** — See Drainers, Manger, Stable Gutter

**STAFFS, Bull, Leading**

(See also Leaders, Cattle)

James Mfg. Co., Fort Atkinson, Wis.  
Libbey (C. A.) Co., Oshkosh, Wis.  
Louden Mch. Co., Fairfield, Ia.  
Ney Mfg. Co., Canton, O.  
Scully, Jas., Pomeroy, Pa. "Keystone"  
Starline, Inc., Harvard, Ill. "Starline"  
**STAGE HARDWARE**—See Theatrical Stage Rigging  
**STAGING BRACKETS**—See Brackets, Staging

**STAINED GLASS SUBSTITUTE**

Malz, H. A., 65 Fifth Av., New York, N. Y. "Windowphanie"

**STAINLESS KNIVES**—See Knives, Stainless; also Ware, Table, Flat, Steel, Stainless  
**STAINLESS PAINT**—See Paints, Stainless  
**STAINLESS STEEL**—See Steel, Stainless  
**STAINLESS STEEL BALLS**—See Balls, Steel, Bronze, Monel Metal, Stainless Steel  
**STAINLESS STEEL COOKING UTENSILS**—See Utensils Cooking, Stainless Steel  
**STAINLESS STEEL FLAT TABLE WARE**—See Ware, Table, Flat, Steel, Stainless  
**STAINLESS STEEL KETTLES**—See Kettles, Stainless Steel  
**STAINLESS STEEL KITCHEN WARE**—See Ware, Kitchen, Stainless Steel  
**STAINLESS STEEL MOULDINGS**—See Moulding, Stainless Steel  
**STAINLESS STEEL SILVER PLATED CUTLERY**—See Cutlery, Table, Steel, Stainless, Silver Plated  
**STAINLESS STEEL SOLDER**—See Solder, Stainless Steel  
**STAINLESS STEEL WIRE CLOTH** — See Cloth, Wire, Stainless Steel

**STAINS, Brick, Cement, etc.**

Cabot (Samuel), Inc., 141 Milk, Boston, Mass.  
Foy Paint Co., Inc., Cincinnati (Norwood), O.  
Pecora Paint Co., Lawrence & Venango, Phila., Pa.

**STAINS, Oil**

(See also Stains, Varnish; also Paints; also Varnishes)

Acme White Lead & Color Wks., Detroit, Mich.  
Berry Bros., Detroit, Mich.  
Bestoseal Co., 1451 B'way, New York, N. Y. "Bestoseal"  
Boston Varnish Co., Boston, Mass. "Kyanize"  
Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
Empire Varnish Co., 2638 E. 76th, Cleveland, O. "Square Deal"  
Felton-Sibley & Co., Inc., Phila., Pa. "Lava-Var"  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Gillespie"  
Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Endurance"  
Globe Paint Co., Williamsport, Pa.  
Hanline Bros., Baltimore, Md.  
Johnston (R. F.) Paint Co., 3925 Huston Av., (Norwood), Cincinnati, O. "Scotch"  
Lowe Bros. Co., Dayton, O.  
Marietta Paint & Color Co., Marietta, O.  
Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
Moore (Benj.) & Co., 511 Canal, New York, N. Y.

Mound City Paint & Color Co., St. Louis, Mo. "Horse Shoe"  
Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Tor-on"  
Pratt & Lambert, Inc., Buffalo, N. Y.  
Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.  
Sherwin-Williams Co., Cleveland, O.  
Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa.  
Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Vita-Var"  
Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "S. P. G."  
Woodfinishing Products Co., 32 Industrial, New York, N. Y.  
Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**STAINS, Shingle**

Acme White Lead & Color Works, Detroit, Mich.  
Alabastine Co., 835 Chicago Drive, S.W., Grand Rapids, Mich.  
Armstrong Paint & Varnish Works, 1330 S. Kilbourn Av., Chicago, Ill.  
Art Stain Shingle Co., Inc., 539 Cornwall Av., Buffalo, N. Y.  
Barrett Co., 40 Rector, New York, N. Y. "Shinglecoat"  
Berry Bros., Inc., Detroit, Mich.  
C-A-Wood Preserver Co., 6623 Delmar Blvd., St. Louis, Mo. "C-A," "Carbolineum America"  
Cabot (Samuel) Inc., 141 Milk, Boston, Mass.  
Creo-Dipt Co., Inc., North Tonawanda, N. Y. "Creo-Dipt"  
Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
Empire Varnish Co., 2638 E. 76th, Cleveland, O. "Square Deal"  
Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill.  
Felton, Sibley & Co., Inc., 146 N. 4th, Phila., Pa.  
Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Gillespie," "Monarch"  
Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Endurance"  
Hanline Bros., Baltimore, Md.  
Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Dultone"  
Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"  
Lowe Bros. Co., Dayton, O.  
Lucas (John) & Co., Inc., 322 Race, Phila., Pa.  
Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
Mound City Paint & Color Co., St. Louis, Mo.  
Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
Pierce (F.O.) Co., 2-33 50th Av., Long Island City, N. Y.  
Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa.  
Sherwin-Williams Co., Cleveland, O.  
Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Vita-Var"  
Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**STAINS, Varnish**

Alabastine Co., 835 Chicago Drive, S.W., Grand Rapids, Mich.  
Boydell Bros. White Lead & Color Co., Detroit, Mich.  
Carbolineum Wood Preserving Co., Milwaukee, Wis. (Wood)  
Carpenter-Morton Co., Boston, Mass. "Carmote"  
Central Paint & Varnish Works, 69 Prospect, B'klyn, N. Y. "Cepaco"  
Chicago Paint Wks., Chicago, Ill. "Oriental Lac"  
Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
Cleveland Varnish Co., Cleveland, O.  
Con-Ferro Paint & Varnish Co., St. Louis, Mo. "Bestex," "Eureka," "Our Own"  
Coolidge (F. J.) & Sons, Atlanta, Ga.  
Dozier & Gay Paint Co., Jackson, Fla.  
Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Du Pont"  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Foy Paint Co., Inc., Cincinnati (Norwood), O. "Foy's"  
Fuller (W. P.) & Co., Inc., San Francisco, Cal.  
Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Monolac"  
Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Jap-A-Lac"  
Hanline Bros., Baltimore, Md.  
Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "O & D (On & Dry)," "Super Duty"  
Keystone Varnish Co., 71 Otsego, B'klyn, N. Y.  
Louisville Varnish Co., Louisville, Ky. "Fixall," "Lucasol," "Lucaspar," "Perfect"  
Lowe Bros. Co., Dayton, O. "Neptunite"  
Lucas (John) & Co., Inc., Phila., Pa.  
McDougall-Butler Co., Buffalo, N. Y.

McQuade (John) & Co., Inc., 134 Casson Av., B'klyn, N. Y. "McQuade's"  
Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
Moore (Benjamin) & Co., 511 Canal, New York, N. Y. "Utlac"  
Mound City Paint & Color Co., St. Louis, Mo. "Horsehoe"  
Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
Norfolk Paint & Varnish Co., Norfolk Down, Mass.  
O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's"  
Patterson-Sargent Co., Cleveland, O. "B.P.S."  
Payson Paint & Varnish Corp., 804 E. 141st, New York, N. Y. "Jeb," "Payson's"  
Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa. "Pitcairn"  
Sapolin Co., Inc., 229 E. 42d, New York, N. Y.  
Sherwin-Williams Co., Cleveland, O. "Brighter-Up," "Flo-Lac"  
Standard Chemical Works, Inc., Reading, Pa.  
Standard Varnish Wks., 2589 Richmond Terrace, Staten Island, N. Y. "Koverlor"  
Sterling Paint & Varnish Co., 134 Commercial, Malden, Mass.  
Thibaut & Walker Co., The, 9th & Vernon Av., Long Island City, N. Y. "Ex-In-O-Lite"  
Trucon Laboratories, Detroit, Mich.  
Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Super Valspar," "Valspar"  
Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Vita-Var"  
Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "S. P. G."  
Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**STAIR BUILDERS' SAWS**—See Saws, Stair Builders'**STAIR CORNERS**—See Corners, Stair**STAIR NOSINGS**—See Nosings, Stair**STAIR RAIL BRACKETS**—See Brackets, Stair Rail**STAIR RODS**—See Rods, Stair**STAIR TREADS**—See Treads, Stair**STAIRS, Disappearing**

Bessler Disappearing Stairway Co., Akron, O.  
Farley & Loetscher Mfg. Co., Dubuque, Ia. "Presto"  
"Victor"  
Frazier, Inc., Magnolia, Pittsburgh, Pa.  
Marchske Co., 551 University Av., St. Paul, Minn. "Marco"  
Putnam & Co., Inc., 30 Howard, New York, N. Y.

**STAIRS, Iron**

Badger Wire & Iron Wks., Milwaukee, Wis.  
Logan Co., Louisville, Ky.  
Price-Evans Foundry Co., Chattanooga, Tenn.

**STAKES, Cattle, Tie-Out**

Hawkins Co., South Britain, Conn.  
Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.

**STAKES, Lining, Garden**

Trimstik Co., Inc., 11 Centre Av., Newton, Mass. "Trimstik"

**STAKES, Grub**—See Grub Stakes**STAKES, Nursery and Garden**

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Cummington Mfg. Co., Cummington, Mass.  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
Gogel (Walter A.) Co., 238 S. Erie, Toledo, O.  
Gould & Olenka, Inc., 140 Liberty, New York, N. Y. "G & O"  
Handle & Excelsior Co., Picture Rocks, Pa.  
Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
Holden (A. S.), Inc., Cleveland, O.  
Michigan Wire Goods Co., Niles, Mich. "Androck"  
Roebings (John A.) Sons Co., Trenton, N. J.  
Stanley Wks., New Britain, Conn.  
**STAKES, Slaters**—See Tools, Roofing

**STAKES, Tent**

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Crook, Son & Co., Hicksville, O.  
McGraw Machine Co., Lincoln, Neb. "Lincoln"  
Mesker Bros. Iron Co., St. Louis, Mo.  
Piqua Munising Wood Products Co., Cleveland, O.  
Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Av., Niagara Falls, N. Y. "Premax" (Steel)  
Sommer (John) Faucet Co., Morris Av., Newark, N. J.  
Stevenson Mfg. Co., South Bend, Ind.  
Tucker Duck & Rubber Co., Ft. Smith, Ark.

**STALL GUARDS**—See Fittings, Stable**STALLS, Shower**

Peerless Steel Equipment Co., 1010 N. Ogden Av., Chicago, Ill. "Peerless"



**STALLS and STANCHIONS, Cow and Bull**

Clay Equipment Corp., 126 Clay Av., Cedar Falls, Ia. "Hingeless"  
 Drew Line Co., Fort Atkinson, Wis.  
 Franklin Equipment Co., Monticello, Ia.  
 Gardner Mfg. Co., Horicon, Wis. "Ideal"  
 Green Mfg. Co., Ogdensburg, N. Y. "Green 2-Way"  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 James Mfg. Co., Fort Atkinson, Wis. "Sanitary"  
 Kalamazoo Tank & Silo Co., Kalamazoo, Mich.  
 Loudon Mch. Co., Fairfield, Ia.  
 Milwaukee Hay Tool Co., Milwaukee, Wis. "Leader"  
 Mitchell Mfg. Co., Milwaukee, Wis.  
 Ney Mfg. Co., Canton, O.  
 Olson Mfg. Co., Albert Lea, Minn.  
 Rochester Barn Equipment Co., Rochester, N. Y.  
 Starline, Inc., Harvard, Ill. "Giant"  
 West Bend Equipment Co., West Bend, Wis.

**STAMPS, Log Hammer and Inspection**

Cunningham (M. E.) Co., 245 E. Carson, Pittsburgh, Pa.  
 Hoggson & Pettis Mfg. Co., New Haven, Conn.  
 Noble & Westbrook Mfg. Co., East Hartford, Conn.

**STAMPS, Steel**

Adams (S. G.) Co., 411 N. 6th, St. Louis, Mo.  
 Brooks (E. J.) Co., 164 N. 18th, Newark, N. J.  
 Chandler Co., Springfield, Mass.  
 Co-operative Stamp Wks., 658 Fairview Av., B'klyn, N. Y.  
 Cunningham (M. E.) Co., 245 E. Carson, Pittsburgh, Pa.  
 Dutton (C. H.) Steel Stamp Co., Hartford, Conn.  
 Hanson (C. H.) Co., 303 W. Erie, Chicago, Ill.  
 Hoggson & Pettis Mfg. Co., New Haven, Conn.  
 Knight (H. W.) & Son, Seneca Falls, N. Y.  
 Murdock Stamp & Specialty Co., Cincinnati, O.  
 Noble & Westbrook Mfg. Co., East Hartford, Conn.  
 Numeral Stamp & Tool Co., Huguenot Park, Staten Island, N. Y. "Numberall"  
 Paul & Beekman Mfg. Co., Phila., Pa.  
 Special Hdw. Corp., Medford, N. Y.  
 Spencer (S. M.) Mfg. Co., 8 Cornhill, Boston, Mass. "Arrows"  
 Stafford (N.) Co., 53d & 1st Av., B'klyn, N. Y.

**STAMPS, Time**

Automatic Time Stamp Co., Boston, Mass.  
 Follett Time Recording Co., 217 High, Newark, N. J.  
 Stafford (N.) Co., 53d & 1st Av., B'klyn, N. Y.

**STANCHIONS, COW AND BULL—See Stalls and Stanchions, Cow and Bull****STANDARDS, Lamp**

Des Moines Foundry & Machine Co., Des Moines, Ia.  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

**STANDARDS, Shelf, Adjustable**

Garden City Plating & Mfg. Co., Chicago, Ill. "Garcey"  
 Greene (G. G.) Mfg. Co., Warren, Pa.  
 Kason Hdw. Corp., 127 Wallabout, B'klyn, N. Y.  
 Keil (Francis) & Son, 401 E. 163rd, New York, N. Y.  
 Knappe & Vogt Mfg. Co., Grand Rapids, Mich. "Acme," "Ideal," "Peerless," "Victor"

**STANDARDS, Sign**

Stewart Iron Wks. Co., Inc., 408 Stewart Block, Cincinnati, O.

**STANDS, Aquarium and Plant**

Carrollton Metal Products Co., Carrollton, O. "Car-met"  
 Koch (Geo.) Sons, Inc., 2112 Pennsylvania, Evansville, Ind.  
 National Box & Can Co., 4131 B'way Av., Cleveland, O.  
 Palley Mfg. Co., Pittsburgh, Pa.

**STANDS, Boiler, Range**

Bignall Co., Medina, N. Y.  
 Central Foundry Co., 386 4th Av., New York, N. Y.  
 "Lockwood," "Murphy," "Universal,"  
 Cleveland Lock Works, Inc., Div. Consolidated Iron-Steel Mfg. Co., 1290 E. 53rd, Cleveland, O.  
 Fatsco, 251 N. Fair Av., Benton Harbor, Mich.  
 Fleck Bros. Co., Phila., Pa.  
 Rajoca Corp., Phila., Pa.  
 Reden-Walsh-Weldner Co., Chattanooga, Tenn.  
 Kupferle (John C.) Foundry Co., St. Louis, Mo.  
 Modern Iron Wks., Quincy, Ill. "M. I. W."  
 Sweet (A. L.) Iron Wks., Medina, N. Y.

**STANDS, Cage, Bird**

Crown Products Co., Indianapolis, Ind.  
 Faries Mfg. Co., Decatur, Ill.  
 Hendryx (Andrew B.) Co., New Haven, Conn.

**STANDS, Christmas Tree—See Holders, Christmas Tree****STANDS, DISPLAY—See Fixtures, Store, Display****STANDS, Doll**

Reflector Hardware Corp., Western Av. & 22nd Place, Chicago, Ill.  
 Timberlake (J. B.) & Sons, Jackson, Mich.

**STANDS, Drill, Electric**

Black & Decker Mfg. Co., Towson, Md.  
 Millers Falls Co., Greenfield, Mass.  
 Speedway Mfg. Co., 1834 S. 52nd, Cicero, Ill. "Speedway"  
 Stanley Electric Tool Div., Stanley Works, New Britain, Conn.  
 United States Electrical Tool Co., Cincinnati, O. "U. S."

**STANDS, Drill, Twist**

Cleveland Twist Drill Co., Lakeside Av. & E. 49th, Cleveland, O.  
 Great Lakes Pressed Steel Corp., 1407 Niagara, Buffalo, N. Y.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"

La Francis, A., 435 14th Av., Newark, N. J.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 Standard Tool Co., 6900 Central Av., Cleveland, O.  
 Union Twist Drill Co., Athol, Mass.  
 Whitman & Barnes, Inc., Detroit, Mich.  
**STANDS and LASTS, Cobblers—See Lasts and Stands, Cobblers**

**STANDS, Iron, Soldering, Electric**

Electric Soldering Iron Co., Deep River, Conn. "Esico"  
 Hayes, C. E., 3701 N. Broad, Phila., Pa.

**STANDS, Price Card**

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Hopp Press, Inc., 460 W. 34th, New York, N. Y.  
 Reflector Hdw. Corp., Western Av. & 22nd Place, Chicago, Ill.  
 Timberlake (J. B.) & Sons, Jackson, Mich.  
 Universal Equipment Co., 3601 Arthington, Chicago, Ill.  
 Warren (J. D.) Mfg. Co., Montpelier, O.

**STANDS, Pump**

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "CogGear"  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Sterling Fdry. Co., Sterling, Ill. "Security"

**STANDS, RACKS and HOLDERS, Bicycle**

Ero Mfg. Co., 714 W. Monroe, Chicago, Ill.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast"  
 Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
 Wald Mfg. Co., Inc., Maysville, Ky.

**STANDS, Sad Iron**

Runker-Clancey Mfg. Co., Kansas City, Mo. "B-C"  
 Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Roto Wool of America, 220 Fifth Av., New York, N. Y. "Surhold"  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Super Metal Mfg. Co., Inc., 3923 Hudson Blvd., North Bergen, N. J. "Super"  
 United States Lock & Hdw. Co., Columbia, Pa.  
 Wrightsville Hdw. Co., Wrightsville, Pa.  
 Zim Mfg. Co., 3047 W. Carroll Av., Chicago, Ill. "Zim-Rest"

**STANDS, Skate Sharpening—See Skate Sharpening Stands****STANDS, Sprinkling**

Imperial Bit & Snap Co., Racine, Wis. "Imperial"

**STANDS, Tank, Oil**

Economic Steel Rack Co., Everett, Mass. "Economic"

**STANDS, Vise, Portable**

American Pipe Tool Co., Chicago, Ill.  
 Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong," "Vistand"  
 Graves (W. L.), Hatfield, Mass.  
 Hollands Mfg. Co., Erie, Pa. (Combination & Tool Chest)  
 Martin (H. P.) & Sons, Owensboro, Ky.  
 New Britain Mach. Co., New Britain, Conn.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Ridge Tool Co., Elyria, O. "Rigid"  
 Western Wire Products Co., 1415 S. 18th, St. Louis, Mo. "Handy-Andy"

**STANDS, Wash Tub**

Matthews Mfg. Co., Inc., Newton, Ia.  
 Myrstone Products Co., Inc., Tacony, Phila., Pa. "Myrsteel"  
 Wheeling Corrugating Co., Wheeling, W. Va.  
**STAPLE PULLERS—See Pullers, Staple**

**STAPLES, Bar**

Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Excelsior Tool & Mfg. Co., 881 E. 147th, New York, N. Y.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Landgraf (Jos.), Inc., 255 E. 95th, Chicago, Ill.  
 Lawrence Bros., Sterling, Ill.  
 National Mfg. Co., Sterling, Ill.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Sharon Hardware Mfg. Co., Sharon, Pa.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Western Products, Inc., New Castle, Ind.  
**STAPLES and HASPS—See Hasps and Staples**  
**STAPLES and HOOKS—See Hooks and Staples**  
**STAPLES, Electricians—See Staples, Insulated**

**STAPLES, Fence**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Atlantic Steel Co., Atlanta, Ga. "Dixisteel"  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Cobb & Drew, Inc., Plymouth, Mass.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Indiana Wire & Steel Co., Muncie, Ind.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R. R., Sterling, Ill.  
 Lawrence Bros., Sterling, Ill.  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 National Screw & Mfg. Co., 2440 E. 75th, Cleveland, O.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Norton Iron Wks., Ashland, Ky.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Titchener (E. H.) & Co., Binghamton, N. Y.  
 Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"  
 Wickwire Bros., Cortland, N. Y.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.  
 Youngstown Steel Products Co., Youngstown, O.

**STAPLES, Insulated**

Couch (S. H.), Inc., North Quincy, Mass. "Blake," "Couch"  
 Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
 Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
 Rhodes (M. M.) & Son Co., Taunton, Mass.  
 Shelton Tack Co., Shelton, Conn.  
 York Tack & Nail Wks., York, Pa.

**STAPLES, Nuted**

Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Harvey Spring & Forging Co., Racine, Wis.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Landgraf (Jos.), Inc., 255 E. 95th, Chicago, Ill.  
 Reno Mfg. Co., Erie, Pa.

**STAPLES, Poultry Netting**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Cobb & Drew, Inc., Plymouth, Mass.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Indiana Steel & Wire Co., Muncie, Ind.  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R. R., Sterling, Ill.  
 National Screw & Mfg. Co., 2440 E. 75th, Cleveland, O.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Shelton Tack Co., Shelton, Conn.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Wickwire Bros., Cortland, N. Y.

**STAPLES, Wagon Box**

Clapp (E. D.) Mfg. Co., Auburn, N. Y.  
 Eberhard Mfg. Co. Div. Eastern Malleable Iron Co., 2734 Tennyson Rd., S.E., Cleveland, O.  
 Frantz Mfg. Co., Sterling, Ill.  
 Harvey Spring & Forging Co., Racine, Wis.  
 Lawrence Bros., Sterling, Ill.  
 Titchener (E. H.) & Co., Binghamton, N. Y.  
 Youngstown Steel Products Co., Youngstown, O.

# LYMAN

## Metallic Sights

ALL RIFLES AND SHOTGUNS

**CUTTS COMP IDEAL RELOAD'G TOOLS**  
 Shotguns Rim & Rimless Cartridges, Shotshells

## Telescopic Sights

Hunting &amp; Target Shooting

HIGH QUALITY EQUIPMENT WANTED BY SHOOTERS

Write for Free Catalogs, Folders, all products

LYMAN GUN SIGHT CORP., 55 West St.

Middlefield, Conn.

Phil. E. Bekeart Co., San Fran., Cal., Pacific Coast Rep.

## "DRY-PACK" BAITS

 DRY No. 80 PACK  
 SILVER HERRING  
 The Day Bait Co. Port Huron, Mich.


Always remain soft and pliable and never spoil. They are exactly like a dead fresh bait.

We are the world's largest packers of both dry and wet packed fish bait.

Descriptive circulars in color sent on request. Handled by the leading hardware and sporting goods jobbers in the country.

## DAY BAIT CO.

 1824 Howard Street  
 Port Huron, Mich.

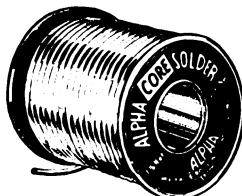
## Gun Cleaners and Protectors

bearing the Hoppe trade mark are made by men who KNOW guns for men who LOVE guns and want to keep them RIGHT.

Hoppe's No. 9 Nitro Powder Solvent; Hoppe's Gun Cleaning Patches; Hoppe's Lubricating Oil; Hoppe's Gun Grease and Hoppe's Gun Cleaning Packs are known the world over and have been used for over thirty-five years. All good dealers sell these products.


 FRANK A. HOPPE, Inc.  
 2314 M North 8th St.  
 Philadelphia, Penna.


## SOLDERS—for the PERFECT job!



Acid and Rosin Core Solders are made of pure metals and the finest fluxes, scientifically controlled throughout, insuring uniform quality and performance. Like all ALPHA products they are dependable and economical.

**Other ALPHA products:** Babbitt Metals, Solid Wire Solder, Bar Solder, Lead Pipe, Sheet Lead, Tin Pipe, Lead and Tin Specialties, etc.

**ALPHA METAL & ROLLING MILLS, Inc.**  
 360 Hudson Avenue  
 Brooklyn, N. Y.

STRENGTH SIMPLICITY



S E S A M E E

No.	Finish	Shackle	Base	Dia. of Shackle	Possible Combinations	Quantity per Carton	Shipping Weight
410	Brass	5/8"	1 3/16"	3/16"	1,000	12	2 lbs.
436	Brass	7/8"	1 7/8"	5/16"	10,000	12	5 lbs. 4 oz.

 B E M I S & C A L L C O.  
 S P R I N G F I E L D M A S S A C H U S E T T S

## THERE'S MONEY IN MURDER!



ANTCHKEK, 50 times as effective as ordinary ant remedies, enjoyed a huge 1940 and laid the ground for a record-breaking 1941. Dealers invariably repeat steadily. Reasons: Quick turnover, fine profit, self-selling display, popular price of 15¢ each—2 for 25¢. Surest, cleanest, spill-proof ant-killer. Display early, profit early. Through all jobbers, or write: ROTENONE PRODUCTS CO., INC., East Orange, N. J.

 SCREW TIP  
 AND  
 PLUG TIP  
 IRONS

**HEXA CON**  
 TRADE MARK

 20 SIZES  
 35 TO 700  
 WATTS

ELECTRIC SOLDERING IRONS

APPROVED BY UNDERWRITERS' LABORATORIES


 INDUSTRY'S MOST RUGGED IRON  
 BUILT FOR HARD SERVICE—SPEEDY PRODUCTION  
 THE MOST COMPLETE INDUSTRIAL LINE

HEXA CON ELECTRIC CO.

170 W. CLAY AVE.

ROSELLE PARK, N. J.

## HOLLYMADE

SUPER CHROME CABINET HARDWARE AND LOCKSETS

A quality line specially priced to meet all competition. ● Plastic and metal door knobs, latchsets and locksets. ● Plastic drawer pulls and knobs. ● Combination metal and plastic drawer pulls and knobs. ● Exclusive matched designs. ● Attractive colors in a variety of combinations.

Ask your jobber or write

PACIFIC PLASTIC AND MFG. CO., INC.

5446 Carlton Way, Hollywood, Calif.



**TAPLES, Wire**

me Staple Co., 1643 Haddon Av., Camden, N. J.  
 "Astaco"  
 me Steel Co., 2838 Archer Av., Chicago, Ill.  
 merican Steel & Wire Co., Rockefeller Bldg.,  
 Cleveland, O.  
 row Tack & Nail Co., Cleveland, O.  
 lantic Steel Co., Atlanta, Ga. "Dixsteel"  
 las Tack Corp., Fairhaven, Mass. "Atlas"  
 ker (Geo.) & Sons Co., So. Easton, Mass.  
 hlehem Steel Co., Bethlehem, Pa.  
 rland Tack Co., 1204 E. 55th, Cleveland, O.  
 bb & Draw, Inc., Plymouth, Mass.  
 orado Fuel & Iron Co., Denver, Col.  
 umbia Steel Co., 235 Montgomery, San Fran-  
 cisco, Cal.  
 ntermental Steel Corp., Kokomo, Ind.  
 pperwell Steel Co., Glassport, Pa.  
 oss (W. W.) & Co., Inc., East Jaffrey, N. H.  
 "Cross"  
 antz Mfg. Co., Sterling, Ill.  
 son (Wm. D.) Co., Chicago, Ill.  
 ss (Chas.) Co., 49-14 Metropolitan Av., B'klyn.  
 N. Y.  
 ilwood Mfg. Co., 21715 St. Clair Av., Cleveland,  
 O.  
 illand Mfg. Co., Baltimore, Md.  
 inois Nail Co., Chicago, Ill.  
 hiana Steel & Wire Co., Muncie, Ind.  
 neville Fence & Post Co., Janesville, Wis.  
 nes & Laughlin Steel Corp., Pittsburgh, Pa.  
 "J & L"  
 ystone Steel & Wire Co., Peoria, Ill.  
 tselman Bros., Muncie, Ind.  
 rson (Chas. O.) Co., Av. G. & C. & N. W. R. R.,  
 Sterling, Ill.  
 iverence Bros., Sterling, Ill.  
 d-States Steel & Wire Co., Crawfordsville, Ind.  
 ntional Mfg. Co., Sterling, Ill.  
 ional Screw & Mfg. Co., Cleveland, O.  
 irthwestern Steel & Wire Co., Sterling, Ill. "Ster-  
 ling"  
 rton Iron Wks., Ashland, Ky.  
 rker Wire Goods Co., Worcester, Mass.  
 tsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 ublic Steel Corp., Republic Bldg., Cleveland, O.  
 ertson Steel & Iron Co., 71 Elm, Cincinnati, O.  
 rgent & Co., New Haven, Conn.  
 heffield Steel Corp., Sheffield Station, Kansas City,  
 Mo. "Sheffield"  
 elton Tack Co., Shelton, Conn.  
 anley Wks., New Britain, Conn.  
 mpson (Edwin B.) Co., 68 Franklin Av., B'klyn.  
 N. Y.  
 nnessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 tchener (E. H.) & Co., Binghamton, N. Y.  
 iver Mfg. Co., Madison, Ind.  
 ickwire Bros., Cortland, N. Y.  
 ickwire Spencer Steel Co., 500 Fifth Av., New  
 York, N. Y.  
 right (G. F.) Steel & Wire Co., Worcester, Mass.  
 "Superior"  
 ork Tack & Nail Wks., York, Pa.  
 ountstown Steel Products Co., Youngstown, O.  
**TAPLING MACHINES**—See Tackers, Staple, Hand  
**TAPLING PLIERS**—See Pliers, Stapling  
**TAR DRILLS**—See Drills, Brick, Stone, Cement.  
 Etc.

**TARTERS, Bung**

ignum-Vitae Products Corp., 116 Boyd Av., Jer-  
 sey City, N. J.  
 edlich Mfg. Co., 637 W. Oak, Chicago, Ill.  
 osell (Carl) & Sons Co., Front Royal, Va.  
**TAVE BASKETS**—See Baskets, Stave  
**TAY ROLLERS, Barn Door**—See Rollers, Stay.  
 Barn Door

**TAYS, Door**

orbin, P. & F., New Britain, Conn.  
 lynn-Johnson Corp., 1821 Berneau Av., Chicago,  
 Ill. "G-J"  
 awlings Co., 93 Lafayette, Newark, N. J. "Acme"  
 ichards-Wilcox Mfg. Co., Aurora, Ill.  
 ixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 osell & Erwin Mfg. Co., New Britain, Conn.  
 Q-S Door Spring Stop Co., 4076 No. 12th, Milwau-  
 kee, Wis.  
 helby Spring Hinge Co., Shelby, O.  
 anley Wks., New Britain, Conn.  
 agner Mfg. Co., Cedar Falls, Ia.

**TAYS, Fence**

merican Steel & Wire Co., Rockefeller Bldg.,  
 Cleveland, O.  
 ystone Steel & Wire Co., Peoria, Ill. "Red Brand"  
 heffield Steel Corp., Sheffield Station, Kansas City,  
 Mo. "Sheffield"  
 ashburn Company, Worcester, Mass.

**TAYS, Window, Casement**

asement Hdw. Co., 404 North Wood, Chicago, Ill.  
 "Automatic Lock." "Win-Dor"  
 lonarch Metal Weatherstrip Corp., 6833 Etzel Av.,  
 St. Louis, Mo.  
 ixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
 itated Specialties Mfg. Co., Ltd., Richmond Hill,  
 L. L. New York  
 ight Products Mfg. Corp., Minneapolis, Minn.  
 "Silent-Nite"

**TEAK KNIVES**—See Knives, Steak

**TEAK PLANKS**—See Planks, Steak

**TEAK PLATTERS**—See Platters, Steak

**STEAK POUNDERS**—See Pounders, Steak

**STEAM BOATS, Toy**—See Boats, Toy, Mechanically  
 Operated

**STEAM BOILERS**—See Boilers, Heating, Steam or  
 Hot Water

**STEAM COOKERS**—See Cookers, Steam

**STEAM ELECTRIC SAD IRONS**—See Irons, Sad.  
 Steam, Electric

**STEAM ENGINES, Toy**—See Engines, Toy

**STEAM FITTERS' TOOLS and SUPPLIES**—See  
 article desired

**STEAM HOSE**—See Hose, Air, Steam, Water, Etc.

**STEAM PRESSURE COOKERS**—See Cookers,  
 Steam Pressure

**STEAM TRAP and BOILER COPPER FLOATS**—  
 See Floats, Copper, Steam Trap and Boiler

**STEAMERS, Asparagus**

Aluminum Cooking Utensil Co., New Kensington,  
 Pa. "Wear Ever"

Aluminum Goods Mfg. Co., Manitowoc, Wis. "Mirro"  
 ular Ware Co., Sheboygan, Wis.

**STEEL**—See article desired; also Iron

**STEEL or IRON, Angle, Channel and "T"**

Bethlehem Steel Co., Bethlehem, Pa.  
 Carnegie Steel Co., Pittsburgh, Pa. (Steel)  
 Columbia Steel Co., 235 Montgomery, San Francisco,  
 Cal.

Inland Steel Co., Chicago, Ill.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa.  
 "J & L"

Logan Iron & Steel Co., Burnham, Pa.  
 Lockhart Iron & Steel Co., McKees Rocks, Pa. "Vul-  
 can"

Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell,  
 Chicago, Ill.

Sheffield Steel Corp., Sheffield Station, Kansas City,  
 Mo. "Sheffield"

Truscon Steel Co., Youngstown, O. (Angle)

**STEEL AXES**—See Axes, Single and Double Bit.  
 Forged Steel

**STEEL BALLS**—See Balls, Steel, Bronze, Monel  
 Metal, Stainless Steel

**STEEL BINS**—See Bins, Steel

**STEEL or IRON, Bar**

Ames (W.) & Co., 417 Communipaw Av., Jersey City,  
 N. J.

Bethlehem Steel Co., Bethlehem, Pa.  
 Carnegie Steel Co., Pittsburgh, Pa. (Steel)  
 Columbia Steel Co., 235 Montgomery, San Francisco,  
 Cal.

Highland Iron & Steel Div. American Chain & Ca-  
 ble Co., Inc., Terre Haute, Ind.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa.  
 "J & L"

La Salle Steel Co., Chicago, Ill.  
 Laclede Steel Co., Arcade Bldg., St. Louis, Mo.

Lockhart Iron & Steel Co., McKees Rocks, Pa. "Vul-  
 can"

Logan Iron & Steel Co., Burnham, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell,  
 Chicago, Ill.

Sheffield Steel Corp., Sheffield Station, Kansas City,  
 Mo. "Sheffield"

Simonds Steel Co., Lockport, N. Y.  
 Universal Steel Co., Bridgeville, Pa.

**STEEL BAR CLAMPS**—See clamps, Steel Bar

**STEEL BARROWS**—See Wheelbarrows, All Types  
 and Classifications

**STEEL BUTTS**—See Butts, Steel

**STEEL, Cold Drawn Bar**

American Steel & Wire Co., Rockefeller Bldg.,  
 Cleveland, O.

Bethlehem Steel Co., Bethlehem, Pa.  
 Bliss & Laughlin, Inc., Harvey, Ill.

Columbia Steel & Shafting Co., Carnegie, Pa.  
 Compressed Steel Shafting Co., Boston, Mass.

Cumberland Steel Co., Cumberland, Md.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa.  
 "J & L"

La Salle Steel Co., Chicago, Ill.  
 Moltrup Steel Products Co., Beaver Falls, Pa.

Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell,  
 Chicago, Ill.

Union Drawn Steel Co., Massillon, O.

Wyckoff Drawn Steel Co., Pittsburgh, Pa.

**STEEL, Cold Rolled Strip**

Acme Steel Co., 2838 Archer Av., Chicago, Ill.

American Rolling Mill Co., Middletown, O.  
 American Steel & Wire Co., Rockefeller Bldg.,  
 Cleveland, O.

American Tube & Stamping Co., Bridgeport, Conn.

Bethlehem Steel Co., Bethlehem, Pa.

Diston (Henry) & Son, Tacony, Phila., Pa.

Greer Steel Co., Dover, O.

Griffin Mfg. Co., Erie, Pa.

Inland Steel Co., Chicago, Ill.

La Salle Steel Co., Chicago, Ill.

Latrobe Electric Steel Co., Latrobe, Pa.

National Steel Corp., Pittsburgh, Pa.

Otis Steel Co., Cleveland, O.

Republic Steel Corp., Republic Bldg., Cleveland, O.

Roebing's (John A.) Sons Co., Trenton, N. J.

Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell,  
 Chicago, Ill.

Sharon Steel Hoop Co., Sharon, Pa.

Stanley Wks., New Britain, Conn.

Weirton Steel Co., Weirton, W. Va.

West Leeburg Steel Co., Brackenridge, Pa.

Wickwire Spencer Steel Co., 500 Fifth Av., New  
 York, N. Y.

**STEEL CONSTRUCTION TOYS**—See Construction  
 Toys

**STEEL CUTTERS ON SHANKS**—See Files, Re-  
 tary

**STEEL "D" HANDLES**—See Handles, "D," Steel  
 and Wood

**STEEL DOORS**—See Doors and Shutters, Steel

**STEEL FERRULES**—See Ferrules, Iron and Steel

**STEEL FISHING RODS**—See Rods, Fishing, Steel

**STEEL FLAT TABLE WARE**—See Ware, Table  
 Flat, Steel

**STEEL FLEXIBLE-RIGID RULES**—See Rules,  
 Flexible-Rigid, Steel

**STEEL GATES**—See Fence and Gates, Lawns

**STEEL GRATINGS**—See Gratings, Iron and Steel

**STEEL GRIDDLES**—See Griddles, Iron, Steel, Etc.

**STEEL GRINDING BALLS**—See Balls, Grinding,  
 Steel

**STEEL HOOPS**—See Hoops and Bands, Steel

**STEEL HORSES**—See Horses, Steel

**STEEL, Hot Rolled Strip**

Acme Steel Co., 2838 Archer Av., Chicago, Ill.

American Tube & Stamping Co., Stanley Wks.,  
 Bridgeport, Conn.

Bethlehem Steel Co., Bethlehem, Pa.

Carnegie Steel Co., Pittsburgh, Pa.

Columbia Steel Co., 235 Montgomery, San Fran-  
 cisco, Cal.

Crucible Steel Co. of America, 405 Lexington Av.,  
 New York, N. Y.

Inland Steel Co., Chicago, Ill.

Laclede Steel Co., Arcade Bldg., St. Louis, Mo.

Latrobe Electric Steel Co., Latrobe, Pa.

National Steel Corp., Pittsburgh, Pa.

Republic Steel Corp., Republic Bldg., Cleveland, O.

Sharon Steel Hoop Co., Sharon, Pa.

Stanley Wks., New Britain, Conn.

Weirton Steel Co., Weirton, W. Va.

West Leeburg Steel Co., Brackenridge, Pa.

Wickwire Spencer Steel Co., 500 Fifth Av., New  
 York, N. Y.

**STEEL LADDERS**—See Ladders, Steel

**STEEL OVERHEAD ACTING GARAGE DOORS**—  
 See Doors, Garage, Overhead Acting, Steel or  
 Wood

**STEEL POST DRIVERS**—See Drivers, Post, Steel

**STEEL POSTS**—See Under Posts

**STEEL, Reinforcing**

American Steel & Wire Co., Rockefeller Bldg.,  
 Cleveland, O.

Bethlehem Steel Co., Bethlehem, Pa.

Columbia Steel Co., 235 Montgomery, San Fran-  
 cisco, Cal.

Kalman Steel Corp., Bethlehem, Pa.

Laclede Steel Co., Arcade Bldg., St. Louis, Mo.

Republic Steel Corp., Republic Bldg., Cleveland, O.

Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell,  
 Chicago, Ill.

Sheffield Steel Corp., Sheffield Station, Kansas City,  
 Mo. "Sheffield"

Truscon Steel Co., Youngstown, O.

Wickwire Spencer Steel Co., 500 Fifth Av., New  
 York, N. Y.

**STEEL RIGID CONDUITS**—See Conduits, Rigid,  
 Steel

**STEEL RINGS**—See Rings, Iron and Steel

**STEEL RIVETS**—See Rivets, Iron and Steel

**STEEL RULES**—See Rules, Steel

**STEEL SASH**—See Windows, Steel

**STEEL SASH PUTTY**—See Putty, Sash, Steel

**STEEL SHAVINGS**—See Wool, Steel

**STEEL SHEETS**—See Sheets, Steel

**STEEL SHELVES**—See Shelves, Steel

**STEEL SHELVING**—See Shelving, Steel

**STEEL SHOP BARRELS**—See Barrels, Steel Shop

**STEEL SHOT**—See Shot, Steel

**STEEL SHUTTERS**—See Doors and Shutters, Steel

**STEEL, Spring**

Bethlehem Steel Co., Bethlehem, Pa.

Carnegie Steel Co., Pittsburgh, Pa.

Crucible Steel Co. of America, 405 Lexington Av.,  
 New York, N. Y.

La Salle Steel Co., Chicago, Ill.

Republic Steel Corp., Republic Bldg., Cleveland, O.

Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell,  
 Chicago, Ill.

Sheffield Steel Corp., Sheffield Station, Kansas City,  
 Mo. "Sheffield"

Universal Steel Co., Bridgeville, Pa.

Vulcan Crucible Steel Co., Aliquippa, Pa.

Wickwire Spencer Steel Co., 500 Fifth Av., New  
 York, N. Y.

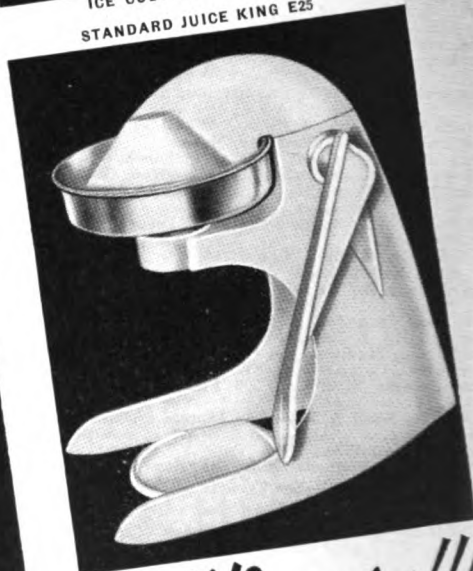
**STEEL SQUARES**—See Squares, Iron and Steel



STREAMLINE JUICE KING S10  
SUPER MIXER 200W



ICE CUBE CRUSHER H25  
STANDARD JUICE KING E25



**STOCK.  
DISPLAY  
AND YOU'LL  
SELL**

*These 4 Household Winners!!!*

## FOR QUICKER TURNOVER . . . FASTER PROFITS

### ● The Streamline Juice King Juicer

will sell itself when displayed to your customers. They'll like its fast method of juice extraction, its sturdy, long-life construction, its modern beauty and variety of colors to fit into any kitchen setting. And they'll appreciate the price range of \$2.95 to \$4.95.

### ● The Streamline Ice King Cube Crusher

with extra large hopper, crushes ice cubes quickly and efficiently to the proper size for mixed drinks, garnishing fruits, vegetables, sea foods and cold cuts, and for filling ice bags for the sick room. Two models, packed in individual display cartons, to sell at \$1.98 and \$3.98.

### ● The New NON-Electrical Super Food Mixer

will appeal to value-conscious housewives because it's easy to use—mixes, beats and whips in a jiffy. *Convenient* to use, at stove, sink or work table. *Easy* to clean and *Easy* to buy. Has all the big-mixer qualities for only \$2.98. Has 2 speeds for easy operation, revolving turntable, utility handle—and no bothersome cord nor outlet is necessary.

### ● The Standard Juice King Juicer

was designed to enable you to display a *full* line of superior juicers to fit any price appeal. This juicer has all of the superior qualities of the S Models and sells for only \$2.25. Packed in individual display cartons, its sturdy all-metal construction (Aluminum and high quality Zamak) plus red, white, ivory or silver trim makes it a steady seller.

Jobbers and dealers can make more profit with the NATIONAL line because (1) These products are needed by every home—the demand is already there; (2) They are modern in design and color; (3) They are sturdily constructed for long, hard use; (4) and they're priced right—for you, for bigger profits, and for your customers, for bigger values. Send for complete information and Trade Prices on these 4 Winners today.

**NATIONAL DIE CASTING CO., 612 N. ALBANY, CHICAGO, ILL.**

**Mention Hardware Age When Writing**

**STEEL, Stainless**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Bethlehem Steel Co., Bethlehem, Pa.  
Carnegie-Illinois Steel Corp., Pittsburgh, Pa. "USS"  
Carnegie Steel Co., Pittsburgh, Pa.  
Dixton (Henry) & Sons, Inc., (Tacony) Phila., Pa.  
Republic Steel Corp., Republic Bldg., Cleveland, O.  
"Enduro"  
Union Drawn Steel Co., Massillon, O.  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**STEEL STAMPING FIGURES**—See Letters and Figures, Steel Stamping

**STEEL STAMPING LETTERS**—See Letters and Figures, Steel Stamping

**STEEL STAMPS**—See Stamps, Steel

**STEEL STOOLS**—See Stools, Shop, Steel

**STEEL TABLES**—See Tables, Steel

**STEEL TANKS**—See Tanks, Steel

**STEEL TAPES**—See Tapes, Measuring

**STEEL, Tool**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill. (High Speed)  
Bethlehem Steel Co., Bethlehem, Pa.  
Carpenter Steel Co., Reading, Pa. "Green Label," "Star," "Zenith"  
Colonial Steel Co., Pittsburgh, Pa.  
Columbia Tool Steel Co., Chicago Heights, Ill.  
Crucible Steel Co. of America, 405 Lexington Av., New York, N. Y.  
Dixton (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Firth-Sterling Steel Co., McKeesport, Pa.  
Greenfield Tap & Die Corp., Greenfield, Mass.  
"GTD"  
Halecomb Steel Co., Syracuse, N. Y.  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J. "Blue Label," "Green Label," "Heller," "Red Label Peerless," "White Label," "Yellow Label"  
International High Speed Steel Co., Rockaway, N. J.  
Jaspar Steel Co., Washington, Pa.  
Latrobe Electric Steel Co., Latrobe, Pa.  
Ludlum Steel Co., Watervliet, N. Y. "Deward"  
McInnes Steel Co., Corry, Pa.  
Pittsburgh Allegheny Steel Co., Republic Bldg., Cleveland, O. "Temp-X" (Non-Tempering)  
Pittsburgh Cold Rolled Steel Co., Verona, Pa.  
Pittsburgh Tool Steel Wire Co., Monaca, Pa.  
Railway Steel Spring Co., 30 Church, New York, N. Y.  
Republic Steel Corp., Upon Nut Div., Cleveland, O. "Bourne-Fuller"  
Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
Simonds Mfg. Co., Lockport, N. Y.  
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
Universal Steel Co., Bridgeville, Pa.  
Vanadium-Alloys Steel Co., Pittsburgh, Pa. "Vasco"  
Vulcan Crucible Steel Co., Alliquippa, Pa.

**STEEL TOTE BOXES**—See Boxes, Tote, Steel  
**STEEL TRAPS**—See Traps, Animal  
**STEEL TRAY BARROWS**—See Wheelbarrows, All Types and Classifications  
**STEEL TUBING**—See Tubing, Steel  
**STEEL VALVES**—See Valves, Steel  
**STEEL WASHERS**—See Washers, Iron and Steel  
**STEEL WEDGES**—See Wedges, Steel  
**STEEL WINDOWS**—See Windows, Steel  
**STEEL WIRE**—See Wire, Steel  
**STEEL WIRE BROOMS**—See Brooms, Wire, Steel  
**STEEL WOOL**—See Wool, Steel  
**STEEL WOOL HOLDERS**—See Holders, Steel Wool  
**STEEL WOOL SCOURING PADS**—See Pads, Steel Wool, Scouring  
**STEEL WORK BENCHES**—See Benches, Work, Steel  
**STEELYARDS**—See Scale Beams  
**STEELS, BUTCHERS**—See Steels, Knife Sharpening  
**STEELS, Household**—See Steels, Knife, Sharpening

**STEELS, Knife Sharpening**  
Baker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
Chastillon (John) & Sons, 85 Cliff, New York, N. Y. "Foster Bros."  
Continental Mfg. Co., 702 6th Av., New York, N. Y.  
Durham Duplex Razor Co., Mystic, Conn.  
Hudson (C. O.) Cutlery Co., Howard City, Mich.  
International Edge Tool Co., Inc., 43 S. 6th, Newark, N. J.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Lamson"  
Landers, Frary & Clark, New Britain, Conn. "Universal," "Lee's"  
Ontario Knife Co., Franklinville, N. Y. (Carbon Steel)  
Remington Arms Co., Inc., Bridgeport, Conn.  
Russell Harrington Cutlery Co., Southbridge, Mass. "Dexter," "Russell"  
Village Blacksmith Folk, Watertown, Wis.  
White (L. & I. J.) Co., Division of the Simonds-Worden-White Co., Dayton, O.

**STEERING SLEDS**—See Sleds, Steering  
**STENCIL CUTTING MACHINES**—See Machines, Stencil Cutting  
**STENCIL BRUSHES**—See Brushes, Stencil

**STENCIL DAUBERS**—See Brushes, Stencil

**STENCIL INKS**—See Inks, Stencil

**STENCIL KNIVES**—See Knives, Manual Training  
**STENCIL and BLOCK KNIVES**—See Knives, Stencil and Block

**STENCIL OUTFITS**—See Stencils and Stencil Outfits

**STENCILS AND STENCIL OUTFITS**

Bradley (A. J.) Mfg. Co., 101 Beekman, New York, N. Y.  
Cunningham (M. E.) Co., 245 E. Carson, Pittsburgh, Pa.  
Dickey Grabler Co., Cleveland, O.  
Display Material Co., St. Paul, Minn. "Stencilor"  
Fletcher, Terry Co., Forestville, Conn. "Quick Lock" (Interchangeable)  
Hanson (C. H.) Co., Chicago, Ill. "Recess" (Adjustable)  
Hoggson & Pettis Mfg. Co., New Haven, Conn.  
Ideal Stencil Machine Co., Belleville, Ill.  
Matthews (James H.) Co., Pittsburgh, Pa.  
New York Stencil Wks., 221 Fulton, New York, N. Y.  
Noble & Westbrook Mfg. Co., East Hartford, Conn.  
Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O. (Assortments)  
Spencer (S. M.) Mfg. Co., 3 Cornhill, Boston, Mass.  
Stafford (N.) Co., 53d & 1st Av., B'klyn, N. Y.  
Steele (Geo.) & Sons, Chicago, Ill. "Recess" (Interlocking)  
Stencil Specialty Co., Inc., 24 Eastern Parkway, Jersey City, N. J.  
**STEP CONE PULLEYS**—See Pulleys, Step Cone  
**STEP LADDER JOINTS**—See Joints, Step Ladder  
**STEP LADDERS**—See Ladders, Step  
**STEP LADDER STOOLS**—See Stools, Step Ladder  
**STICK FILES**—See Files, Stick  
**STICKS, Clothes**—See Poles, Clothes

**STICKS, Hockey**

Bredenberg Bros., Inc., Champlain, N. Y. "Broadmount"  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Lovell Mfg. Co., Erie, Pa.  
Lund (C. A.) Co., Hastings, Minn.  
Northland Ski Mfg. Co., St. Paul, Minn.  
Spalding (A. G.) & Bros., Chicopee, Mass.

**STICKS, Lacrosse**

Draper-Maynard Co., Plymouth, N. H.

**STICKS and HOLDERS, Mop**

Arcade Mfg. Co., Freeport, Ill. "Gem"  
Economy Mop Wringer Co., 1986 W. 21st, Chicago, Ill.  
Ely Mfg. Co., Girard, Pa. "Ely's Dandy"  
Erie City Mfg. Co., Erie, Pa. "Arrow"  
Erie Mop & Wringer Co., East Rochester, N. Y.  
Freeman Mfg. Co., 61 Bluxome, San Francisco, Cal.  
Greenview Mfg. Co., 2557 Greenview Av., Chicago, Ill. "Arrow"  
Handy Things Mfg. Co., Ludington, Mich.  
Kautenberg (W. E.) Co., Inc., Freeport, Ill. "Clinched-on-Head," "Master Janitor"  
Keystone Stamping Corp., Irvington, N. J. "Champion"  
Midway Chemical Co. Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Radiant"  
Steel Stamping Co., Lorain, O.  
Stover Mfg. & Engine Co., Freeport, Ill. "Little Janitor," "Red Head," "Samson"  
Sunset Mfg. Co., 615 Castro, Oakland, Cal.  
**STICKS**—Soldering—See Flux, Soldering  
**STICKERS**—See Labels, Gummed  
**STICKING KNIVES**—See Knives, Sticking

**STILLS**

American Copper & Brass Wks., Cincinnati, O.  
American Water Softener Co., Phila., Pa. (Water)  
Atlas Copper & Brass Mfg. Co., Chicago, Ill.  
Bauerle & Morris, Phila., Pa. (Water)  
Metal Products Corp., 49 Chestnut, Weehawken, N. J. (Water)  
Weber Bros. Metal Wks., Chicago, Ill. (Water)

**STILTS**

American Mfg. Concern, Falconer, N. Y.  
Anchor Mfg. Co., Plaquemine, O.

**STIPLERS, Roller**

Smith (Landon P.), Inc., 180 Coit, Irvington, N. J. "Red Devil"

**STIRRERS, Milk and Cream**

Creamery Package Mfg. Co., Chicago, Ill.  
Solar-Sturges Mfg. Co., Melrose Park, Ill.

**STIRRUPS**

Fort Recovery Stirrup Mfg. Co., Fort Recovery, O.  
North & Judd Mfg. Co., New Britain, Conn.  
Ruwart Mfg. Co., 13th & Platte, Denver, Colo.  
Stalker Mfg. Co., 71 Murray, New York, N. Y.

**STOCK, Flat Ground**

Brown & Sharpe Mfg. Co., Providence, R. I.  
Simonds Saw & Steel Co., Fitchburg, Mass.  
**STOCK FOUNTAINS**—See Fountains, Stock  
**STOCK MARKERS**—See Markers, Cattle & Stock  
**STOCK SOAPS**—See Soaps, Animal, Dog, Etc.  
**STOCK TAGS**—See Tags, Stock  
**STOCK TANKS**—See Tanks, Stock  
**STOCK TANK HEATERS**—See Heaters, Tank, Stock  
**STOCK WATERING PANS**—See Pans, Stock Watering

**STOCKINGS, Christmas, Filled with Toys**

Ammidon & Co., 31 S. Frederick, Baltimore, Md.  
Mousley (Geo. E.), Inc., 502 Ransted, Phila., Pa.  
**STOCKINGS, Doll**—See Shoes and Stockings, Doll  
**STOCKINGS, FISHERMEN'S**—See Waders, Fishermen's

**STOCKS, Bit, Angular**

Millers Falls Co., Greenfield, Mass.

**STOCKS, Die, Pipe and Bolt**

Alvord-Polk Tool Co., Millersburg, Pa. "Alpo"  
American Pipe Tool Co., Harrison & Kolmar Av., Chicago, Ill.  
Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
Beaver Pipe Tools, Inc., 350 Herage Av., Warren, O. "Beaver"  
Butterfield & Co. Div., Union Twist Drill Co., Derby Line, Vt.  
Champion Blower & Forge Co., Lancaster, Pa.  
Erie Tool Wks., Erie, Pa.  
Greenfield Tap & Die Corp., Greenfield, Mass.  
"Duo," "Greenfield," "G T D," "Little Giant," "Little Giant Jr.," "OK Jr.," "Trio"  
Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
Hart Mfg. Co., Cleveland, O. "Duplex"  
Hollands Mfg. Co., Erie, Pa.  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
Morse Twist Drill & Mach. Co., New Bedford, Mass.  
Nye Tool & Machine Works, 4120 Fullerton Av., Chicago, Ill.  
Oster Mfg. Co., 2067 E. 61st Pl., Cleveland, O. "Leader"  
Reed Mfg. Co., Erie, Pa.  
Ridge Tool Co., Elyria, O. "Rigid"  
Standard Tool Co., Cleveland, O.  
Toledo Pipe Threading Mach. Co., Toledo, O.  
Walworth Co., 60 E. 42nd, New York, N. Y.  
Williams Tool Corp., Erie, Pa.

**STOCKS, Guns**

Animal Trap Co. of America, Little, Pa.  
Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.

**STOKERS, Home**

Anchor Stove & Range Co., Inc., New Albany, Ind. "Anchor Fire Chief," "Anchor Kilstoker"  
Auburn Fdry., Inc., Auburn, Ind.  
Bluffton Mfg. Co., Findlay, O. "Findlay"  
Brownell Co., Dayton, O.  
Butler Mfg. Co., 18th & Eastern Av., Kansas City, Mo.  
Caloric Gas Stove Wks., Trenton Av. & Tioga, Phila., Pa. "Caloric"  
Dickson & Eddy, 17 Battery Pl., New York, N. Y. "Stokermatic"  
Econocol Stoker Co., 2340 11th, Rockford, Ill.  
Eddy Stoker Corp., 4717 W. North Av., Chicago, Ill.  
Electric Furnace-Man, Inc., 780 E. 138th, New York, N. Y.  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
Frederick Iron & Steel Co., Frederick, Md.  
Free-Man Stoker Div., Illinois Iron & Bolt Co., Carpentersville, Ill.  
Hamilton Automatic Stoker Corp., Hamilton, O.  
Hemp Engineering & Stoker Corp., Macomb, Ill. "Hemp"  
Hersey Machine & Fdry. Co., Manheim, Pa. "Motorstoker"  
Holcomb & Hoke Mfg. Co., Indianapolis, Ind. "Fire Tender"  
Iron Fireman Mfg. Co., 4784 S.E. 17th Av., Portland, Ore.  
Link-Belt Co., 2410 W. 18th, Chicago, Ill.  
Micro-Westco, Inc., Bettendorf, Ia.  
Northern Steel & Stoker Corp., 3100 Prospect Rd., Peoria, Ill. "Stoker-ator"  
Peerless Mfg. Corp., Louisville, Ky.  
Schwitzer-Cummins Co., 1125 Massachusetts Av., Indianapolis, Ind. "Stokol"  
Steel Products Engineering Co., Springfield, O. "Combustioneer"  
Whiting Corp., Harvey, Ill.  
Will-Burt Co., Orrville, O. "Will-Burt"  
**STONE ANCHORS**—See Anchors, Stone and Brick Wall  
**STONE or BALLAST FORKS**—See Forks, Stone or Ballast  
**STONE CUTTERS' HAMMERS**—See Hammers, Stone Cutters', Forged Steel



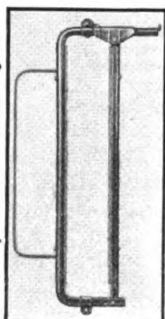
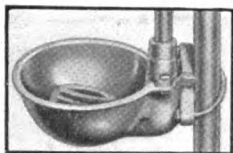
# Gardner provides Everything You Need in Three Big Profitable Lines

In barn equipment, electric fence, and sportsmen's cabinets, you can look to Gardner for a line that's complete, made better and packed with sales advantages that give you a

big edge on competition. Gardner, too, gives you economy in buying, and the big, modern Gardner plant is organized to back you with quick shipments on every order.

## 1 Gardner-Ideal Barn Equipment

Here is a fine, sanitary all-metal line designed for quick, easy installation and priced to make your store barn equipment headquarters in your community. For over a quarter of a century, this popular equipment has given owners trouble-free service, has built lasting good will and steady profits for dealers. Write for catalog.

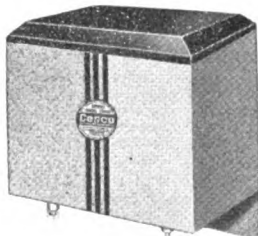


No. H 11 Stanchion

No. 520 Automatic Cup

## 2 Cesco Electric Fence Controllers

This safety approved line of electric fences has many exclusive advantages that combine to meet every field and soil condition satisfactorily. Trouble-free performance and low, original cost make them the choice of farmers everywhere. Thousands are in use. You'll make more loyal customers and more money when you concentrate on Cesco. Write for catalog.

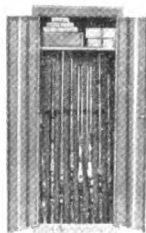


Model 40 High Line Controller

Model 26 Battery Controller

## 3 Gardner Sportsmen's Cabinets

Sportsmen like Gardner cabinets because they have extra capacity, provide plenty of room for guns and duffle. They are ruggedly made of heavy sheet steel, are dust-tight, have an automobile type lock-in-handle and are attractively finished in baked-on enamels. Gardner is the world's largest builder of sportsmen's cabinets — provides the best built line at the lowest prices. Cash in on the booming outdoor market by adding these profitable cabinets to your sports equipment business.



Model S 90 Gun Cabinet

Model M 100 Utility Cabinet

**Gardner Manufacturing Co.**  
3940 Baker St. Horicon, Wisconsin

THEY MAKE ANY TOOL  
A "SELLING" TOOL

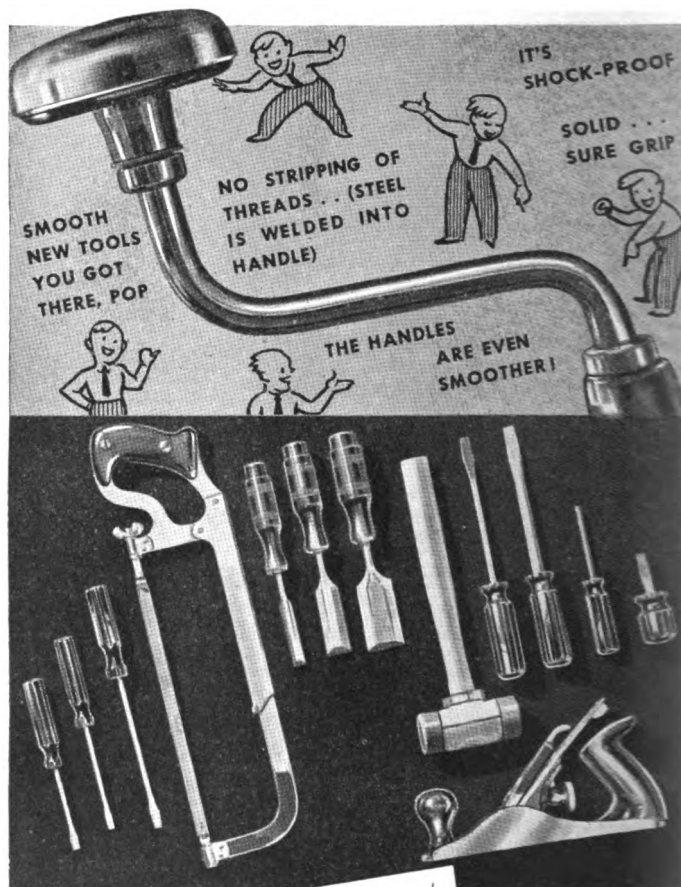
# Tool Handles of UNBREAKABLE AMBER

(AVAILABLE IN ALL COLORS)

A Celluloid Corporation Product

Unbreakable amber tool handles give such a distinctive "feel," such ease of handling, that the man who buys one soon wants all his tools with *unbreakable amber* handles!

Be ready to cash in on the demand. Ask your suppliers for *unbreakable amber*—and insist on the genuine. No other type of handle will be so successful in pleasing your customers.



FOR FULL DETAILS...

Get in touch with  
**CELLULOID**

The rugged strength of unbreakable amber is indicated in this table showing impact strength at varying temperatures. Test—Charpy, notched A. S. T. M. D 256-347 expressed in foot pounds.

70° F 1.9 ... 2.2  
25° F 1.1 ... 1.3

**CELLULOID CORPORATION, 180 Madison Avenue**  
New York City. Established 1872. Sole Producer of Celluloid and Lumarith. (Trademarks Reg. U. S. Pat. Off.)

Mention Hardware Age When Writing

**STONE CUTTERS' MALLETS**—See Mallets, Stone Cutters'

**STONE CUTTERS' TOOLS**—See Tools, Stone Cutters'

**STONE CONSTRUCTION TOYS**—See Construction Toys

**STONE DRILLS**—See Drills, Brick, Stone, Cement, Etc.

**STONE PULVERIZERS**—See Pulverizers, Stone

**STONE WARE**—See Ware, Stone; also Jugs, Stone Ware

**STONE WEDGES**—See Wedges, Stone

**STONE WORKERS' AXES**—See Axes, Stone Workers'

**STONERS, Cherry, Peach, Etc.**

Brown, John Clark, 525 Lexington Av., New York, N. Y. "Kenberry"

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"

New Standard Corp., Mt. Joy, Pa. "Champion," "Dandy"

Rollmann Mfg. Co., Mount Joy, Pa. "Rollman"

Wrightsville Hdw. Co., Wrightsville, Pa. "Brighton"

**STONERS, Peach**—See Stoners, Cherry, Peach, Etc.

## STONES, Axe

Abrasive Products, Inc., South Braintree, Mass. "Jewel"

Behr-Manning Corp., Troy, N. Y. "Crystolon," "Fastcut," "Hindostan," "Queer Creek"

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"

Carborundum Co., Niagara Falls, N. Y. "Carborundum"

Victor Tool Co., 300 Chapel Terrace, Reading, Pa. Western Hdw. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis.

## STONES, Emery

Behr-Manning Corp., Troy, N. Y.

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"

Goodrich Grinding Wheel Co., Chicago, Ill. "Carbo Magneto," "Goodrich Oxilite," "Goodrich Rajah Corundum"

Safety Grinding Wheel & Machine Co., Springfield, O. "Safety"

Vitrified Wheel Co., Westfield, Mass.

Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Minalox"

## STONES, Fish Hook

Abrasive Products, Inc., South Braintree, Mass. "Jewel"

Behr-Manning Corp., Troy, N. Y. "Sportsman"

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"

Carborundum Co., Niagara Falls, N. Y. "Carborundum"

Victor Tool Co., 300 Chapel Terrace, Reading, Pa. Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis.

## STONES, Grind

American Rubbing Stone Co., Cincinnati, O.

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"

Cross, S. R., 9 May, Worcester, Mass.

Hill Grindstone Co., Marietta, O.

Ohio Valley Stone Co., 221 Fourth, Marietta, O.

Richards-Wilcox Mfg. Co., Aurora, Ill. "Challenge," "Climax," "Cyclone," "King," "R-W," "R-W El," "R-W Gentleman," "R-W Invader," "R-W Mogul," "R-W Velox," "R-W Victor," "Rural," "Western"

Safety Grinding Wheel & Machine Co., Springfield, O. "Safety"

Wallace Co., Port Austin, Mich.

Whitaker Mfg. Co., Chicago, Ill. "Acme," "Arab," "Blair," "Dixon," "Mogul," "Rural," "Western"

Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Minalox"

## STONES, Grind, Household

American Rubbing Stone Co., Cincinnati, O.

Athol Mach. & Fdry. Co., Athol, Mass.

Behr-Manning Corp., Troy, N. Y.

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Shipstone"

Richards-Wilcox Mfg. Co., Aurora, Ill.

## STONES, Grind, Power

Athol Machine & Foundry Co., Athol, Mass.

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Little Giant," "Keystone"

Fleming Electric Tool Div., Loring Coes Co., Worcester, Mass.

Novelty Iron Wks., Sterling, Ill. "Sterling"

Richards-Wilcox Mfg. Co., Aurora, Ill. "Aurora," "Mogul," "Rural"

Safety Grinding Wheel & Machine Co., Springfield, O. "Safety"

Western Products, Inc., New Castle, Ind. "Marathon"

Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Minalox"

## STONES, Oil and Water

Abrasive Products, Inc., South Braintree, Mass. "Jewel"

American Hone Co., Olean, N. Y.

American Rubbing Stone Co., Cincinnati, O.

Behr-Manning Corp., Troy, N. Y. "Corundum," "Crystolon," "Fastcut," "Hard Arkansas," "Hindostan," "India," "India Washita," "Lily White Washita," "Multi-Oilstone," "Norton India," "Queer Creek," "Quick Cut," "Reversible Oilstone," "Soft Arkansas," "Yankee Clipper"

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea," "Beron," "Beror"

Carborundum Co., Niagara Falls, N. Y. "Carborundum"

General Hdw. Corp., 3530 W. Pierce, Milwaukee, Wis.

Goodrich Grinding Wheel Co., 1500 W. Madison, Chicago, Ill. "Carbo-Magneto," "Goodrich Oxilite," "Goodrich Rajah Corundum"

Technical Products Co., Pittsburgh, Pa. "Isenite," "Vee"

U. S. Abrasive Products, Inc., 133 Jackson Blvd., Chicago, Ill.

Vitrified Wheel Co., Westfield, Mass.

Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Minalox"

## STONES, Sand—See Stones, Grind

## STONES, Scouring, Griddle

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"

Carborundum Co., Niagara Falls, N. Y. "Aloxite"

Marvel Mfg. Co., Rio Vista, Cal. "Marvel"

## STONES, Scythe

Abrasive Products, Inc., South Braintree, Mass. "Jewel"

Behr-Manning Corp., Troy, N. Y. "Alundum," "Black Diamond," "Crescent," "Crystolon," "Granger," "Green Mountain," "Indian Pond," "White Mountain"

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"

"Clear Grit," "Climax," "Darby Creek," "Diamond," "English Round," "Harvest Queen," "Manchester," "Michigan Ragg," "Quinnebog," "Silver Grit," "Western Red End"

Carborundum Co., Niagara Falls, N. Y. "Aloxite," "Carborundum"

De Sanno (A. P.) & Son, Wheatland, Phoenixville, Pa. "Radiac"

Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Canadian" (Canada), "Field" (British)

Goodrich Grinding Wheel Co., 1500 W. Madison, Chicago, Ill.

Luther Grinder & Tool Co., Fond du Lac, Wis.

Modern Grinder Mfg. Co., Fond du Lac, Wis.

Sterling Grinding Wheel Co., Tiffin, O. "Sterlith," "Sterbon"

U. S. Abrasive Products, Inc., 1330 Jackson Blvd., Chicago, Ill.

Western Hdw. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis.

Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Minalox"

## STONES, SHARPENING—See Article Desired

## STONES, Tool

Abrasive Products, Inc., South Braintree, Mass. "Jewel"

American Rubbing Stone Co., Cincinnati, O. "Sylka"

Behr-Manning Corp., Troy, N. Y.

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"

Carborundum Co., Niagara Falls, N. Y. "Carborundum"

U. S. Abrasive Products, Inc., 1330 Jackson Blvd., Chicago, Ill.

Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Minalox"

## STONES, Water—See Stones, Oil and Water

## STONES, Whet

Abrasive Products, Inc., South Braintree, Mass. "Jewel"

Behr-Manning Corp., Troy, N. Y.

Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O. "Berea"

Chaillaux, Jas. A., West Baden, Ind.

Goodrich Grinding Wheel Co., 1500 W. Madison, Chicago, Ill. "Carbo-Magneto"

Technical Products Co., Pittsburgh, Pa. "Vee"

Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Minalox"

## STONEWARE FAUCETS—See Faucets, Stoneware

## STOOL LADDERS, Step—See Ladders, Stool

## STOOLS, Bathroom

Bath Essentials Corp., 2082 First Av., New York, N. Y.

Comfort Bed Spring Co., 1735 Diversey Blvd., Chicago, Ill.

Dillingham Mfg. Co., Sheboygan, Wis.

General Wood Products Co., 2400 S. 11th, Rockford, Ill. "Golden Rule"

Gleitsman's, Inc., Dry Harbor Rd., Glendale, N. Y. "Pearl-Wick"

Hemp & Co., Macomb, Ill.

Lawson (F. H.) Co., Cincinnati, O. "Lawco"

National Metal Products Co., Waterloo, Ia.

New Britain Mach. Co., New Britain, Conn.

Pocono Metal Mfg. Co., East Stroudsburg, Pa.

Powell Pressed Steel Co., Hubbard, O.

Reliable Metal Novelty Co., 13 W. 26th, New York, N. Y. "Ramco"

Rochester Stool Co., 392 St. Paul, Rochester, N. Y. "Rochester"

Titchener (E. H.) & Co., Binghamton, N. Y. "Bath-white"

## STOOLS, Camp

(See also Chairs, Folding)

Crawford Furniture Mfg. Co., Inc., Shreveport, La.

Dillingham Mfg. Co., Sheboygan, Wis.

Divine (Fred D.) Co., Utica, N. Y.

Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.

Gem Mfg. Corp., Bascom, O.

Gold Medal Camp Furniture Mfg. Co., Racine Junction, Wis.

Harrison (B. J.) Mfg. Co., Inc., Arkville, N. Y.

Holden (A. S.), Inc., Cleveland, O. (Folding)

Imperial Bit & Snap Co., Racine, Wis.

Kalamazoo Sled Co., Kalamazoo, Mich.

McGraw Machine Co., Lincoln, Neb. "Junior," "Lincoln"

Mahoney (E. H.) Chair Co., Gardner, Mass.

Michigan Wire Goods Co., Niles, Mich. "Relax"

Nappanee Lumber & Mfg. Co., Nappanee, Ind.

Norcor Mfg. Co., Green Bay, Wis.

Paris Mfg. Co., South Paris, Me.

Pratt Corp., Coldwater, Mich.

Steel Basket & Mfg. Co., Cedar Rapids, Ia.

Stoll Mfg. Co., Denver, Col.

Telescope Folding Furniture Co., Inc., 874 B'way, New York, N. Y.

Triangle Folding Camp Stove Co., La Crosse, Wis.

Tucker Duck & Rubber Co., Ft. Smith, Ark. "Peerless"

United Steel & Wire Co., Battle Creek, Mich.

## STOOLS, Factory—See Stools, Shop

## STOOLS, Kitchen

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"

Comfort Bed Spring Co., 1735 Diversey Blvd., Chicago, Ill.

Daystrom Corp., Olean, N. Y.

Dillingham Mfg. Co., Sheboygan, Wis.

General Wood Products Co., 2400 S. 11th, Rockford, Ill. "Golden Rule"

Hayne (Louis) & Sons, 34 New Bowery, New York, N. Y.

Hemp & Co., Macomb, Ill. "Topmost"

I-X L. Furniture Co., Inc., Goshen, Ind.

Lawson (F. H.) Co., Cincinnati, O. "Lawco"

National Metal Products Co., Waterloo, Ia.

Norcor Mfg. Co., Green Bay, Wis.

Peoria Metal Specialty Co., 2501 S. Wash, Peoria, Ill.

Powell Pressed Steel Co., Hubbard, O.

New Britain Mach. Co., New Britain, Conn.

Rochester Stool Co., 392 St. Paul, Rochester, N. Y. "Rochester"

Russakov Co., 850 N. Ogden Av., Chicago, Ill. "Seatmaster"

Steel Craft Co., 865 Osborn, Burlington, Ia.

## STOOLS, Milking

New Mfg. Co., Canton, O.

Specialty Mfg. Co., 1419 Pendleton Av., St. Louis, Mo.

Starline Inc., Harvard, Ill. "Star"

## STOOLS, Shop, Steel

Ringham (J. F.) Mfg. Co., Lawrence, Mass.

Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.

Cleveland Wire Spring Co., Cleveland, O.

Conant Bros., Somerville, Mass.

Kalamazoo Steel Goods Co., Kalamazoo, Mich.

Kewanee Mfg. Co., Adrian, Mich.

Manufacturing, Equipment & Eng'g Co., Framingham, Mass.

New Britain Mach. Co., New Britain, Conn.

Toledo Metal Furniture Co., Toledo, O. (Postur Chair)

Worley & Co., Pico, Cal.

## STOOLS, Step Ladder

Berg (John) Mfg. Co., Chicago, Ill.

Blackstone Furniture Co., Inc., North Tonawanda, N. Y.

Chicago Curtain Stretcher Co., 3725 S. May, Chicago, Ill. "Crakerjac"

Clark (R.) Co., Minneapolis, Minn. "Handy"

Dillingham Mfg. Co., Sheboygan, Wis.

Fritz (A.) & Co., 92 Greene, New York, N. Y.

General Wood Products Co., 2400 S. 11th, Rockford, Ill. "Golden Rule"

Harrison (B. J.) Mfg. Co., Inc., Arkville, N. Y.

Hayne (Louis) & Sons, 34 New Bowery, New York, N. Y.

Harsten Mfg. Co., Goshen, Ind. (Steel)

Hincher Mfg. Co., Washington, Ind. "Goodform"

Hoosier Mfg. Co., Newcastle, Ind.

Howard Mfg. Co., Kent, Wash. "Howard"

Luke Basket Co., Barrien Springs, Mich.

Nappanee Lumber & Mfg. Co., Nappanee, Ind.

Powell Pressed Steel Co., Hubbard, O.

Rich Pump & Ladder Co., 1006 Depot, Cincinnati, O.

Woodenware Products Co., St. Louis, Mo.

## STOOLS, Toilet, Juvenile

Hamilton Mfg. Co., Two Rivers, Wis.

Lehman Co. of America, Inc., Cannelton, Ind.

Lynch (W. D.) Co., Inc., Lancaster, Pa.

## Two More Toy Show Hits in the line of



**Root**  
QUALITY

## TOYS

"They Sell Every Day in the Year"

All Popularly Priced

All Toy Show "Hits"

Send for  
1940 Catalog



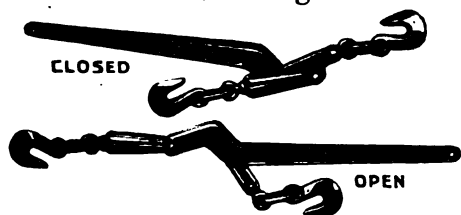
It shows all Root Toys including the fast-selling Educational Letters, Magic Blackboard, Design & Hammer Set, Toyland Mechanic, Mak-A-Kit Series, Tee-Gee Blocks

NEW YORK DISPLAY ROOM  
12 West 21st St., N. Y. C.

THE A. I. ROOT CO.  
Medina, Ohio

## American Logging Tool Co.

Evart, Michigan



OVER FIFTY YEARS of filling the hand tool requirements of the lumbering trade means satisfied users. Our line includes the following:

Peavies  
Cant Hooks  
Pike Poles  
Timber Carriers  
Chain Hooks  
Cold Shuts  
Double Cut Pruning Shears  
Carpenters Ripping Bars

Skidding Tongs  
Grapple Hooks  
Swamp Hooks  
Load Binders  
Bark Spuds  
Timber Dollies  
Handles  
Snow Scrapers  
Hookaroons

Sales Agents  
Surplus, Dunn & Co.

74 Murray St.  
New York, N. Y.

34 N. Clinton St.  
Chicago, Illinois

Pacific Coast Agents

John T. Rowntree Company

Los Angeles, Cal.  
San Francisco, Cal.

Portland, Ore.  
Seattle, Wash.

Salt Lake City, Utah  
Denver, Colo.

## 3 CATALOGS { Hardware Power Tools Toys

Get Them for Buying Guides

### HARDWARE

Stove Pipe Dampers  
Stove Lid Lifters  
Stove & Furnace Pokers  
Nutcrackers  
Fish Spears  
Coffee Mills  
Mop Sticks  
Kitchen Hardware  
Hammers  
Screen Door Hardware  
Quilt Clamps  
Pool Table Hardware  
Bottle Openers  
Lamp Brackets  
Twine Holders  
Paper Cutters  
Flour Mills

### TOYS

Cast Iron Autos  
Farm Toys  
Road Construction Set  
Girls' Sets  
Farm Sets  
Boxed Assortments  
Buses  
Bowling Alley Games  
Auto Service Station  
Jackstones  
Garden Sets  
Lawnmowers  
Sod Irons  
Ironing Boards  
Midget Toys  
Horses & Wagons  
Tractors  
Trucks  
Auto Transports

### POWER TOOLS

Bench Saws  
Lathes  
Band Saw  
Sanders  
Shapers  
Drill Press  
Jig Saws  
Grinder Heads  
Model Makers

Write for your catalogs.

ARCADE  
CAST IRON  
TOYS

ARCADE  
HARDWARE & TOOLS

ARCADE MFG. CO.  
1201 Shawnee St.  
FREEPORT, ILLINOIS

## Two New Grass Shears With Features That Sell Them

These attractive streamlined grass shears offer outstanding value to your customers at sensationally low prices. They sell as soon as displayed. Good profit.

### "The Lawn Trim"



List Price:  
\$11.40  
per doz.

A well made precision grass shear with many features of our popular AMERICAN Gardener's Special, including automatic blade pressure regulation, knee action spring tension and automatic overload release. The hardened steel blades take a full 5 inch bite with ease. Priced LOW to meet competition.

### AMERICAN Gardener's Special

List Price:  
\$15.00  
per doz.



These newly designed grass shears are favorites with women and children because of their unusual ease of operation. The only grass shears made with TOOL STEEL BLADES—take a full 5 in. bite. All parts are Rust Proof. Have Patented Thumb Touch Lock—handiest locking device made. Handles—Bright Orange baked enamel. They sell and repeat wherever shown. Send for Circulars and Trade-prices.

AMERICAN STEEL BOX CORP.  
4600 Palmer St., Chicago, Ill.

Mention Hardware Age When Writing

Digitized by Google



**TOP BEAD SCREWS and WASHERS**—See Washers, Stop Bead and Screws  
**TOP COCKS**—See Cocks, Stop  
**TOP PULLEYS**—See Pulleys, Stop, Window Shade  
**TOP VALVES**—See Valves, Check, Stop, Etc.  
**TOPWATCHES**—See Watches, Stop

## TOPPERS, Basin and Sink

arat Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
lastic Tip Co., 370 Atlantic Av., Boston, Mass.  
ranklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.  
nkings Bros., 80 White, New York, N. Y.  
se Tire & Rubber Co., Conshohocken, Pa.  
avelle Rubber Co., 424 N. Wood, Chicago, Ill.  
"Lucky Strike"  
iberty Products Co., West Toledo Station, Toledo, O.  
erit Products, Inc., 11711 164th, Jamaica, N. Y.  
etamora Rubber Wks., Metamora, O.  
odal Mfg. Co., Emaus, Pa.  
hacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
illinghaast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
nited States Rubber Co., 1230 6th Av., New York, N. Y. "U. S."  
illiams-Bowman Rubber Co., 1939 S. 54th Av., Cicero, Ill. "Cicero," "Wilbow"  
ooster Rubber Co., Wooster, O. "Rubbermaid"

## TOPPERS, Bottle

(See also Caps, Bottle)  
nchor Cap & Closure Corp., 10 Queen, Long Island City, N. Y. (Rubber)  
entral Rubber Products Co., Inc., 821 B'way, New York, N. Y. "Korkall"  
ick, Otto, St. Louis, Mo.  
ver-Tite Coupling Co., 254 W. 54th, New York, N. Y. "Sav-It"  
imberkork Co., 2048 N. Cicero Av., Chicago, Ill. "Kimberkork," "Midgertkork"  
leo, Inc., 2947 N. 30th, Milwaukee, Wis.  
odern Metal Products Co., 581 Boylston, Boston, Mass. "Tite-Fit"  
eal Again Bottle Stopper Co., 155 E. 44th, New York, N. Y.  
eed Filter & Mfg. Co., Inc., 343 B'way, New York, N. Y. "Quickap"  
omas Products Co., 15473 Indiana Av., Detroit, Mich. "Snap-Tite" (Adjustable)  
os-Top Co., 1225 B'way, New York, N. Y.  
aughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Hold-Tite"

## TOPPERS, Flue

ark (J. L.) Mfg. Co., Rockford, Ill. "Gem"  
runden (Martin) Mfg. Co., St. Louis, Mo.  
over Stamping & Mfg. Co., Cambridge, Mass.  
euder, Paeschke & Fray Co., Milwaukee, Wis.  
all & Carpenter, Phila., Pa. "Crown"  
icAleer (E. J.) & Co., Inc., 1422 N. 8th, Phila., Pa.  
ilcor Steel Co., Milwaukee, Wis.  
ational Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Acme," "Nesco"  
orthwest Metal Products, Inc., Seattle, Wash.  
au Flue Stopper Co., 1102 W. Main, Louisville, Ky. "Rau's"  
avory, Inc., 591 Ferry, Newark, N. J.  
chlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
outhwest Hdwe. Mfg. Co., Ft. Smith, Ark.  
ashburn Company, Worcester, Mass.  
eber-Kirch Mfg. Co., Keokuk, Ia. "Kirch," "W-K Dime"  
Vilder Mfg. Co., 2001 S. Main, Miles, O.

## TOPS, Bench

hristianson, C., 2814 W. 26th, Chicago, Ill.  
ranklin Tool Co., Buffalo, N. Y.  
anufacturing Equip. & Eng. Co., Framingham, Mass.  
illers Falls Co., Greenfield, Mass.  
hoenix Hdw. Mfg. Co., Buffalo, N. Y.  
argent & Co., New Haven, Conn.  
tearns (E. C.) Co., Syracuse, N. Y. "Stearns Escro"  
tevenson Mfg. Co., South Bend, Ind.

## TOPS, Compression

ochrane (J. A.) Brass Mfg. Co., Cleveland, O.  
ick Bros., Reading, Pa.  
ajoca Corp., Phila., Pa.  
anders, Frary & Clark, New Britain, Conn.  
ilwaukee Brass Mfg. Co., Milwaukee, Wis.  
Mueller Co., Decatur, Ill.  
Robertshaw Mfg. Co., Youngwood, Pa.  
herman (H. R.) Mfg. Co., Battle Creek, Mich.  
Walworth Co., 60 E. 42nd, New York, N. Y.

## TOPS, Door

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
Alith-Prouty, Inc., Danville, Ill.  
American Brass Goods Co., Grand Rapids, Mich.  
Anchor Mfg. Co., Piqua, O.  
Barrows Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Bonmar Spring Hinge Co., 263 Classon Av., B'klyn, N. Y. (Lavatory Door)  
Brainerd Mfg. Co., East Rochester, N. Y.  
Champion Hdw. Co., Geneva, O.  
Chapman (W. H.) Co., Middletown, Conn.

City Plating & Mfg. Co., St. Louis, Mo.  
Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
Colonial Bronze Co., Fairmont Av., Torrington, Conn.  
Columbus Brass Co., Columbus, O.  
Corbin Cabinet Lock Co., New Britain, Conn.  
Corbin, P. & F., New Britain, Conn.  
Dent Hdw. Co., Fullerton, Pa.  
Detroit Hardware Co., Detroit, Mich.  
Frants Mfg. Co., Sterling, Ill.  
Frost (C. L.) & Son, Grand Rapids, Mich.  
Gallup Ruffing Handle Co., Norwalk, O.  
Getty (H. S.) & Co., Inc., 3348 N. 10th, Phila., Pa.  
Glynn-Johnson Corp., 1821 Berteau Av., Chicago, Ill. "G-J"  
Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill. "Adjust," "Grand," "Master," "Micky," "Monarch," "Peerless," "Standard," "Universal"  
Griffin Mfg. Co., Erie, Pa.  
Hubley Mfg. Co., Lancaster, Pa.  
Imperial Brass Mfg. Co., Chicago, Ill.  
Indestro Mfg. Corp., 2875 N. Kildare Av., Chicago, Ill.  
ives (H. B.) Co., New Haven, Conn.  
Jacobs Mfg. Co., Hartford, Conn.  
Jones Hollow Ware Co., Baltimore, Md.  
Judd (H. L.) Co., Inc., Wallingford, Conn.  
Lawrence Bros., Sterling, Ill.  
Lee Tire & Rubber Co., Conshohocken, Pa.  
Littlestown Hdw. & Fry Co., Littlestown, Pa.  
Lockwood Hdwe. Mfg. Co., Fitchburg, Mass. "Lockwood"  
Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
Maple City Furnace Co., Monmouth, Ill.  
Milwaukee Stamping Co., Milwaukee, Wis.  
National Mfg. Co., Sterling, Ill.  
National Sewing Machine Co., Belvidere, Ill.  
Northfield Iron Co., Northfield, Minn. "Cyclone"  
North Wales Mach. Co., North Wales, Pa.  
Norwalk Lock Co., 261 B'way, New York, N. Y.  
Payson Mfg. Co., Chicago, Ill.  
Penn Hdw. Co., Reading, Pa.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Reading Hdw. Corp., Reading, Pa.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Rixson (Oscar C.) Co., 4450 Carroll Av., Chicago, Ill.  
Rostand Mfg. Corp., Milford, Conn.  
Russell & Erwin Mfg. Co., New Britain, Conn. "Russwin"  
S-Q-S Door Stop Co., 4076 N. 12th, Milwaukee, Wis.  
Sager Lock Works of Yale & Towne Mfg. Co., North Chicago, Ill.  
Sargent & Co., New Haven, Conn.  
Sargent & Greenleaf, Inc., Rochester, N. Y.  
Sharon Hardware Mfg. Co., Sharon, Pa.  
Shelby Metal Products Co., Shelby, O.  
Shelby Spring Hinge Co., Shelby, O.  
Skillman Hardware Mfg. Co., Trenton, N. J.  
Slaymaker Lock Co., Lancaster, Pa.  
Smith (Stuyvesant C.) Mfg. Co., South Bend, Ind. "Kick-Quick"  
Stanley Wks., New Britain, Conn.  
Sterling Foundry Co., Sterling, Ill.  
Stiles (H. A.) & Co., Boston, Mass. "Hasco"  
Stover Mfg. & Engine Co., Freeport, Ill. (Garage)  
Strock (L. W.) & Co., Bethlehem, Pa.  
Union Hdw. Co., Torrington, Conn. (Base and Floor)  
United States Lock & Hdwe. Co., Columbia, Pa.  
Utley Door Stop Mfg. Co., 110 3rd Av., S.E., Independence, Ia. "Utley"  
Wagner Mfg. Co., Cedar Falls, Ia.  
Ware Bros., Div. Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill. "Stop-a-Dor"  
Weber-Knapp Co., Jamestown, N. Y.  
Western Products, Inc., New Castle, Ind. (Sliding Door)  
Yale & Towne Mfg. Co., Stamford, Conn.  
Zimmerman (G. F. S.) Co., Inc., Frederick, Md.

**STORAGE BATTERY CARRIERS**—See Carriers, Storage Battery  
**STORAGE BATTERY CUTTERS**—See Cutters, Storage Battery  
**STORAGE BATTERIES**—See Batteries, Storage  
**STORAGE BINS**—See Fixtures, Display, Hardware  
**STORAGE JACKS**—See Jacks, Tire Saving  
**STORAGE SYSTEMS, Oil**  
Bowser (S. F.) & Co., Ft. Wayne, Ind.  
**STORE COUNTERS**—See Counters, Display, Nail, Store Wrapping, Etc.  
**STORE DECORATIONS**—See Decorations, Store  
**STORE DOOR HANDLES**—See Handles, Store Door  
**STORE DOOR LOCKS**—See Locks, Sets, Doors and House  
**STORE EQUIPMENT**—See Fixtures, Store, Display  
**STORE FIXTURES**—See Fixtures, Store, Display  
**STORE FRONTS**—See Fronts, Store  
**STORE LADDERS**—See Ladders, Store  
**STORE SHELVING**—See Fixtures, Display  
**STORE TRUCKS**—See Trucks, Store  
**STORM DOOR LATCHES**—See Latches, Door, Screen and Storm  
**STORM SASH HANGERS**—See Hangers, Window Screen and Storm Sash

## STORM SASH HARDWARE

Champion Hdw. Co., Geneva, O.  
Fwale Equipment Mfg. Co., 64 Reads, New York, N. Y.  
Frants Mfg. Co., Sterling, Ill.  
Lawrence Bros., Sterling, Ill.  
McKinney Mfg. Co., Pittsburgh, Pa.  
National Mfg. Co., Sterling, Ill.  
Parker Wire Goods Co., Worcester, Mass.  
Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.  
Shelby Spring Hinge Co., Shelby, O.  
Stanley Wks., New Britain, Conn. "Non-Rattling"  
Woodruff (Walter W.) & Sons Co., Mt. Carmel, Conn.  
Wright Products Mfg. Corp., Minneapolis, Minn. "Silent-Nite"  
**STOVE BOARDS**—See Boards, Stove  
**STOVE BOLTS**—See Bolts, Stove  
**STOVE BRUSHES**—See Brushes, Stove  
**STOVE CASTERS**—See Casters, Stove and Truck  
**STOVE CEMENT**—See Cement, Furnace and Stove  
**STOVE CLAY**—See Linings, Plastic, Stove & Furnace  
**STOVE DOOR KNOBS**—See Knobs, Door, Stove  
**STOVE KETTLES**—See Kettles, Tea, Range and Stove  
**STOVE LID LIFTERS**—See Lifters, Stove Lid  
**STOVE LININGS**—See Linings, Plastic, Stove & Furnace  
**STOVE MATS**—See Mats, Stove  
**STOVE MICA**—See Mica, Stove  
**STOVE, OIL BURNING UNITS**—See Units, Oil Burning, for Room Heater, Range, Stove, Etc.  
**STOVE PIPE**—See Pipes, Stove; also Pipe, Furnace  
**STOVE PIPE COLLARS**—See Collars, Stove Pipe  
**STOVE PIPE CUTTERS**—See Cutters, Pipe, Stove  
**STOVE PIPE DAMPER CLIPS**—See Clips, Damper  
**STOVE PIPE DAMPERS**—See Dampers, Stove Pipe  
**STOVE PIPE DRUM OVENS**—See Ovens, Drum, Stove Pipe  
**STOVE PIPE ELBOWS**—See Elbows, Stove Pipe  
**STOVE PIPE ENAMELS**—See Enamels, Stove Pipe  
**STOVE PIPE HOLDERS**—See Holders, Pipe, Stove  
**STOVE PIPE REDUCERS**—See Reducers, Stove Pipe  
**STOVE PIPE TEES**—See Tees, Stove Pipe  
**STOVE PIPE THIMBLES**—See Thimbles, Stove Pipe  
**STOVE POKERS**—See Pokers, Stove  
**STOVE POLISHES**—See Polishers, Stove  
**STOVE POLISHING MITTENS**—See Mittens, Polishing  
**STOVE PUTTY**—See Putty, Stove  
**STOVE REPAIRS**—See Repairs, Stove  
**STOVE RIVETS**—See Rivets, Stove  
**STOVE RODS**—See Rods, Stove and Chair  
**STOVE TRUCKS**—See Trucks, Stove  
**STOVES**—See Kind Desired; also Ranges; also Heaters  
**STOVES, Brooder**—See Heaters, Brooder

## STOVES, Alcohol

Glogau & Co., 2000 Rand McNally Bldg., Chicago, Ill.  
Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

**STOVES, Camp**  
Adams Co., Dubuque, Ia.  
American Gas Mach. Co., Inc., Albert Lea, Minn. "Kampkook" (Gasoline)  
Buda Co., Harvey, Ill.  
Capitol Wire Co., Madison, Wis.  
Coleman Lamp & Stove Co., Wichita, Kan. "Coleman" (Gasoline Pressure)  
Collis Co., Clinton, Ia.  
Eclipse Metal Mfg. Co., Eden, N. Y.  
Elkhart Iron Wks., 2040 So. Main, Elkhart, Ind. "Porto-Grill" (Charcoal)  
Excelsior Stove & Mfg. Co., Quincy, Ill. "Jiffy," "National"  
Fatsco, 251 N. Fair Av., Benton Harbor, Mich. "Buddy," "Little Pal," "Chummy"  
Ford Motor Co., By Product Div., Dearborn, Mich. "Ford"  
Fosteria Pressed Steel Corp., Fosteria, O.  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Howes (S. M.) Co., Boston, Mass. "Clipper"  
Jewett & Co., Buffalo, N. Y.  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "Kerogas"  
Majestic Co., Huntington, Ind. "Broilaster"  
Majestic Mfg. Co., St. Louis, Mo. "Majestic"  
Master Metal Products, Inc., 291 Chicago, Av., Buffalo, N. Y. "Master"  
Meeker Bros. Iron Co., St. Louis, Mo.  
Midland Steel Products Co., 6660 Mt. Elliott, Detroit, Mich. "SafeCook"  
Miller (Robert E.), Inc., 35 Pearl, New York, N. Y. "Campingo," "OPTIMUS" (Gasoline or Kerosene)  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco" (Kerosene)  
National Stamping & Electric Wks., Chicago, Ill. (Gasoline) "Camp Comfort," "Handy"  
Northwest Metal Products, Inc., Seattle, Wash. "Norwesco"

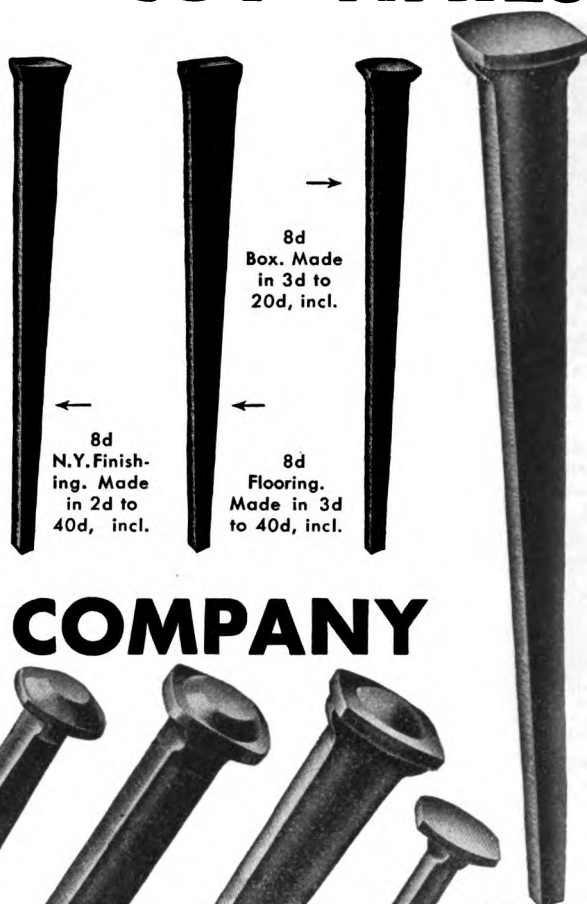
# READING BRAND CUT NAILS

## Where Nails Must Hold

Reading Cut Nails save time and money on every job... End nail waste because they drive straight and true... End lumber waste because they are blunt and non-splitting... Prevent costly renailling because they cannot work loose.

There's a Reading Cut Nail for every nailing job—flooring, finishing, roofing, etc... Recommended by Maple Flooring Mfrs. Assn. and National Oak Flooring Mfrs. Assn. for laying fine hardwood floors... Approved by National Safety Council for all principal nailing points on wood scaffolds... Excellent for green lumber and heavy planking.

Reading Cut Nails are furnished Black, Galvanized or Quenched and Tempered. Reading Brand Quenched and Tempered Cut Nails are the strongest nails it is possible to produce. Made in all standard lengths from 2d to 100d (1 in. to 8 in.) Packed in 100 lb. steel-hooped kegs. Also 50 lb. kegs and 25 lb. packing on special order. Write for literature and price list.



## ALAN WOOD STEEL COMPANY

MAIN OFFICE AND MILLS, CONSHOHOCKEN, PENNA. : : SINCE 1826

Illustrations show nails actual size

### SOME OTHER TYPES OF READING CUT NAILS

Letters identify illustrations.

- (a) 1" Fine. Made in 1" to 1 3/8", incl.
- (b) 4d Slatting. Made in 3d to 6d, incl.
- (c) 2 1/2" Form. Made in 1 1/4" to 4", incl.
- (d) 4" Boat. Made in 1" to 6", incl.
- (e) 4" Edge Gripe Spike. Made in 4" to 8", incl.
- (f) 4" Flat Spike. Made in 4" to 8", incl.
- (g) 12d Special Tobacco Warehouse. Made in 6d to 12d, incl.
- (h) 2 1/4" Hinge. Made in 2" to 4", incl.
- (i) 4d Shingle. Made in 2d to 6d, incl.
- (k) 3/8" Cottage. Made in 3/4" to 1 1/2", incl.
- (l) 8d Regular Finishing. Made in 2d to 40d, incl.
- (m) 8d Headless. Made in 2d to 100d, incl.
- (n) 8d Hook Head. Made in 2d to 100d, incl.
- (o) 8d Casing. Made in 3d to 40d, incl.
- (p) 2 1/2" Fire Door and Light Clinch. Made in 2" to 3", incl.
- (q) 2 1/2" Clinch. Made in 1 1/4" to 4", incl.
- (r) 8d Sheathing. Made in 5d to 60d, incl.
- (s) 8d Foundry. Made in 6d to 60d, incl.
- (t) 8d Fence. Made in 5d to 20d, incl.
- (u) 1 1/4" Clout. Made in 3/4" to 2", incl.



Mention Hardware Age When Writing

**STOVES, Camp (Continued)**

Outing Stove Co., Siles, Mo.  
 Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Ivanhoe," "Perfection Junior"  
 Phoenix Tool & Mfg. Co., 2 Remer, Bridgeport, Conn. "Pieni-King"  
 Prentiss Wabers Products Co., Wisconsin Rapids, Wis. "Preway"  
 Quad Stove Mfg. Co., Columbus, O.  
 Red-E Co., Columbus, O. (Wood Burning)  
 Renown Stove Co., Owosso, Mich. "Regal," "Renown"  
 Rochester Can Co., Rochester, N. Y. "Iron Horse"  
 Royal Mfg. Co., Bowling Green, O. "Broilaster"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Radius"  
 Star Products, Inc., 15105 Darwin Av., Cleveland, O. "Wee"  
 Sternau (S.) & Co., 9 E. 27th, New York, N. Y.  
 Stuart W. W., Des Moines, Ia.  
 Superior Meter Co., 167 41st, Bklyn., N. Y. "Stone-bridge"  
 Triangle Folding Camp Stove Co., La Crosse, Wis.  
 Turner Brass Wks., Sycamore, Ill. "Camper," "De Luxe Traveler," "Picnicker," "Traveler" (Gasoline)  
 Union Steel Products Co., Albion, Mich. "Hi-Lo"  
 United Steel & Wire Co., Battle Creek, Mich. "Nugget"  
 Western Stamping Co., St. Louis, Mo.

**STOVES, Cannon, Heavy Type**

Avondale Stove & Fdy. Co., Birmingham, Ala.  
 Bell (C. S.) Co., Hillsboro, O. "Mogul"  
 Brown Stove Wks., Inc., Columbus, Tenn.  
 Columbus Iron Wks., Co., Columbus, Ga. "Arch," "Columbus," "Doc," "Jove," "Max"  
 Eagle Foundry Co., Belleville, Ill. "New Star," "Torrid"  
 Excelsior Stove & Mfg. Co., Quincy, Ill.  
 Glascock Stove & Mfg. Co., Greensboro, N. C. "Giant"  
 Gray & Dudley Co., Nashville, Tenn. "Worthy Washington"  
 Hanks Stove & Range Co., Rome, Ga. "Rex"  
 Hess-Snyder Co., Massillon, O. "Boomer"  
 Home Stove Co., Indianapolis, Ind.  
 Indiana Foundry Co., Indiana, Pa. "Ajax"  
 King Stove & Range Co., Sheffield, Ala. "Sheffield"  
 Lammers (W. J.) & Sons, Greenville, O. "Mogul"  
 Pittston Stove Co., Pittston, Pa. "Lehigh"  
 Reese Stove Co., Inc., Evansville, Ind. "Leader," "Reese"  
 Renown Stove Co., Owosso, Mich. "Renown"  
 Tappan Stove Co., Mansfield, O. "Frost Killer"  
 Union Mfg. Co., Inc., Boyertown, Pa. "Express," "Umco"  
 United States Stove Co., South Pittsburg, Tenn. "Jumbo," "Pluto"

**STOVES, Coal**

(See also Ranges, Coal)

Aga Stove Co., 19 E. 47th, New York, N. Y. "Aga"  
 A. & J. Mfg. Co., Gadsden, Ala. "A. & J."  
 Advance Stove Wks., Evansville, Ind. "Advance"  
 Allen Mfg. Co., Inc., Nashville, Tenn. "Allen's"  
 Althoff (L. A.) Corp., 185 N. Clinton, Chicago, Ill.  
 Anchor Stove & Range Co., Inc., New Albany, Ind. "Anchor"  
 Atlanta Stove Wks., Atlanta, Ga.  
 Auto Stove Wks., New Athens, Ill.  
 Avondale Stove & Fdy. Co., Birmingham, Ala. "Avondale," "Birmingham," "Dixie Queen," "X L"  
 Barstow Stove Co., Providence, R. I.  
 Bellaire Stove Co., Bellaire, O. "Star"  
 Berkheimer (B. F.) Co., Greenville, O. "Parlor Cook"  
 Birmingham Stove & Range Co., Birmingham, Ala. "Red Mountain"  
 Brown Stove Wks., Inc., Cleveland, Tenn.  
 Charter Oak Stove & Range Co., St. Louis, Mo. "Oak"  
 Cole's Hot Blast Mfg. Co., Chicago, Ill. "Cole's Hi-Oven"  
 Columbus Iron Wks., Columbus, Ga. "Chickasaw," "Columbus"  
 Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
 Crescent Stove Wks., Evansville, Ind. "Crescent"  
 Cribben & Sexton Co., Chicago, Ill. "Universal"  
 Danville Stove & Mfg. Co., Danville, Pa. "Beaver"  
 Dixie Foundry Co., Cleveland, Tenn. "Dixie"  
 Dorch Stove Wks., Inc., Franklin, Tenn. "Royal"  
 Duffy-Trowbridge Stove Mfg. Co., Hannibal, Mo. "Pattern"  
 Enterprise Fdy. Co., Belleville, Ill. "St. Clair"  
 Estate Stove Co., Hamilton, O. "Estate Heatside"  
 Excelsior Stove & Mfg. Co., Quincy, Ill. "National"  
 Florence-Wehrle Stove Co., Newark, O.  
 Foster Stove Co., Ironton, O. "Foster"  
 Galusha Stove Co., Rochester, N. Y.  
 Gem City Stove Co., Dayton, O. "Clermont"  
 Germier Stove & Mfg. Co., Erie, Pa. "Radiant Home"  
 Glascock Stove & Mfg. Co., Greensboro, N. C. "Loyal," "Plymouth"  
 Glenwood Range Co., Taunton, Mass.  
 Globe American Corp., Kokomo, Ind. "Globe"  
 Gray & Dudley Co., Nashville, Tenn. "Ann Washington"  
 Hammer-Bray Co., Oakland, Cal. "Spark"  
 Hanks Stove & Range Co., Rome, Ga. "Prince"  
 Hardwick Stove Co., Cleveland, Tenn.  
 Hart Mfg. Co., Louisville, Ky.  
 Hoosier Stove Co., Marion, Ind. "Easy Baker," "Faithful," "Famous," "Maid," "Quick Baker," "Victor"

Huenfeld Co., 2701 Spring Grove Av., Cincinnati, O. "Boss"  
 Huntington Stove & Fdry. Co., Huntington, W. Va. "Torchlight"  
 Independence Stove & Furnace Co., Independence, Mo.  
 Indiana Stove Wks., Evansville, Ind.  
 Indianapolis Stove Co., Indianapolis, Ind.  
 Jewett & Co., Buffalo, N. Y. "Jewett"  
 Kalamazoo Stove Co., Kalamazoo, Mich. "Bakeeasy," "Emperor," "Imperial," "Kazoo," "Liberty," "Peerless," "Prince," "President"  
 Keeley Stove Co., Columbia, Pa. "Columbian"  
 King Stove & Range Co., Sheffield, Ala.  
 Knox Stove Wks., Knoxville, Tenn.  
 Lammers (W. J.) & Sons, Greenville, O. "Superpreme"  
 Laurelton Fdry. Co., Laurelton, Pa. "Laurel Globe"  
 Leonard & Baker Stove Co., Taunton, Mass. "Barstow," "Glendale," "Fairmount"  
 Louisville Tin & Stove Co., Louisville, Ky. "Progress"  
 Oakland Foundry Co., Belleville, Ill.  
 Orbon Stove Co., Belleville, Ill. "Orbon"  
 Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
 Pittston Stove Co., Pittston, Pa.  
 Portland Stove Foundry Co., Portland, Me. "Atlantic"  
 Portsmouth Stove & Range Co., Portsmouth, O.  
 Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
 Reese Stove Co., Inc., Evansville, Ind. "Leader," "Reese"  
 Renown Stove Co., Owosso, Mich. "Dictator," "Premier," "Regal," "Renown"  
 Richmond Stove Co., Richmond, Va. "Richmond"  
 Rock Island Stove Co., Rock Island, Ill.  
 Rockwood Stove Wks., Rockwood, Tenn. "Rockwood"  
 Schill Mfg. Co., Crestline, O.  
 Sheppard (Isaac A.) Co., Baltimore, Md.  
 Somersworth Fdry. Co., Salmon Falls, N. H. "Stanard"  
 Southern Co-Operative Fdry. Co., Rome, Ga. "Dixie Belle," "Dixie Crown," "Dixie Delight," "Dixie Gem," "Dixie Ideal," "Dixie Pride"  
 Southern Stove Wks., Richmond, Va. "Tip-Top"  
 Spear (James) Stove & Heater Co., 1823 Market, Phila., Pa. "Spears"  
 Spence Baggs Stove Co., Martins Ferry, O.  
 Standard Stove & Range Co., Rome, Ga. "Standard"  
 Steiger & Kerr Stove & Fdry. Co., San Francisco, Cal. "Occidental"  
 Sterling-Stewart Corp., Rochester, N. Y.  
 Taplin, Rice-Clerkin Co., Akron, O. "Climax"  
 Tappan Stove Co., Mansfield, O.  
 Tennessee Stove Wks., Chattanooga, Tenn.  
 Thatcher Co., 39 St. Francis, Newark, N. J. "Thatcher"  
 Thomas (Oscar G.) Co., Taunton, Mass. "Herald," "Oakland"  
 Union Mfg. Co., Boyertown, Pa. "UMCO"  
 Union Stove Wks., 70 Beekman, New York, N. Y.  
 United States Stove Co., South Pittsburg, Tenn. "Spartans"  
 Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass. "Crawford"  
 Washington Stove Wks., Everett, Wash. "Olympic"  
 White-Warner Co., Taunton, Mass. "Household," "Quaker"  
 Woods Everts Stove Co., Springfield, Mo. "Bonnie," "Worthy"

**STOVES, Franklin**

Howes (S. M.) Co., 511 Medford, Boston, Mass.  
 Jackson (Edwin) Inc., 175 E. 60th, New York, N. Y.  
 Somersworth Fdry. Co., Salmon Falls, N. H.  
 Spear (James) Stove & Heater Co., 1823 Market, Phila., Pa.

**STOVES, Galley**

Ingle Mfg. Co., San Diego, Cal.  
 Stamford Fdry. Co., Stamford, Conn. "Shipmate"  
 Washington Stove Works, Everett, Wash.  
 Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

**STOVES, Gasoline**

(See also Ranges, Gasoline)

Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"  
 American Gas Machine Co., Inc., Albert Lea, Minn. "Readykook," "Jiffykook," "Kitchenkook," "Speedikook," "Sunflame"  
 Coleman Lamp & Stove Co., Wichita, Kan. "Coleman," "Speedmaster"  
 Excelsior Stove & Mfg. Co., Quincy, Ill. "Monarch"  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "Kerogas"  
 Premier Stove Co., Belleville, Ill. "Premier"  
 Prentiss Wabers Products Co., Wisconsin Rapids, Wis. "Preway"  
 Queen Stove Wks., Inc., Albert Lea, Minn. "Queen"  
 Turner Brass Wks., Sycamore, Ill. "Cottager"

**STOVES, Kerosene**

(See also Ranges, Kerosene)

Alcazar Range & Heater Co., Milwaukee, Wis. "Alcazar"  
 American Stove Co., Lorain Div., 1200 Long Av., Lorain, O. "Quick Meal"  
 Baltimore Enamel & Novelty Co., Baltimore, Md. "Baltimore Clipper"

Florence Stove Co., Gardner, Mass. "Florence," "Gardner," "Reliance"  
 Huenfeld Co., 2701 Spring Grove Av., Cincinnati, O. "Ace," "Boss," "Prize"  
 International Oil Burner Co., Inc., Spring & Park Aves., St. Louis, Mo.  
 Leonard & Baker Stove Co., Taunton, Mass.  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "Anchor," "Everite," "Kerogas," "Premier"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco," "Tropical"  
 Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Ivanhoe," "Perfection," "Puritan"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Radius" (Swedish)  
 United Stove Co., Ypsilanti, Mich. "Savoll"  
 STOVES, HEATING—See Kind Desired

**STOVES, Lamp, Oil**

Cleveland Lock Works, Inc., Div. Consolidated Iron-Steel Mfg. Co., 1290 E. 53rd, Cleveland, O. "Game Junior," "Summer Girl"  
 Florence Stove Co., Gardner, Mass. "Model," "Union"

**STOVES, Laundry**

Allen Mfg. Co., Inc., Nashville, Tenn. "Allen's"  
 Althoff (L. A.) Corp., 185 N. Clinton, Chicago, Ill.  
 Berkheimer (B. F.) Co., Greenville, O. "Famous"  
 Birmingham Stove & Range Co., Birmingham, Ala. "Red Mountain"  
 Brown Stove Wks., Inc., Cleveland, Tenn.  
 Columbus Iron Wks. Co., Columbus, Ga. "Dandy," "Dart," "Little Joe," "Octo," "Ode," "Sexto," "Speedy," "Spire," "Zip," "Zone"  
 Eagle Foundry Co., Belleville, Ill. "Apollo"  
 Eastern Foundry Co., Boyertown, Pa. "Peerless"  
 Excelsior Stove & Mfg. Co., Quincy, Ill.  
 Glascock Stove & Mfg. Co., Greensboro, N. C. "Carolina," "Round Pot"  
 Glor (Evins F.) Sales Corp., 1939 Grand Central Terminal Bldg., New York, N. Y. "Gloco"  
 Gray & Dudley Co., Nashville, Tenn. "Adult," "Hot Water," "Pet," "Rex," "Washington," "Western"  
 Hanks Stove & Range Co., Rome, Ga. "Hornet," "Rex"  
 Home Stove Co., Indianapolis, Ind.  
 Hoosier Stove Co., Marion, Ind. "Jack," "Rex," "Sun"  
 Indiana Fdry. Co., Indiana, Pa.  
 Kalamazoo Stove Co., Kalamazoo, Mich.  
 Keystone Stove Foundry, Spring City, Pa. "Gay Keystone"  
 King Stove & Range Co., Sheffield, Ala. "Sheffield"  
 Marion Stove Co., Marion, Ind.  
 Mascot Stove Co., Chattanooga, Tenn.  
 Mt. Vernon Furnace & Mfg. Co., Mt. Vernon, Ill. "Vernola"  
 Oakland Foundry Co., Belleville, Ill.  
 Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Ching"  
 Pittston Stove Co., Pittston, Pa. "Lehigh"  
 Premier Stove Co., Belleville, Ill. "Premier"  
 Renown Stove Co., Owosso, Mich. "Apex," "Crown," "Regal," "Renown"  
 Richardson & Boynton Co., 244 Madison Av., New York, N. Y.  
 Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
 Somerville Stove Wks., Somerville, N. J. "Eagle"  
 Spear (James) Stove & Heater Co., 1823 Market, Phila., Pa. "Spears"  
 Standard Stove & Range Co., Rome, Ga. "Gold Coin," "UMCO"  
 Union Mfg. Co., Inc., Boyertown, Pa. "Gold Coin," "UMCO"  
 United States Stove Co., South Pittsburg, Tenn. "New Home," "New Star," "Vesta," "Vixon"  
 Waterman (Hy.) & Bro., 811 E. 9th, New York, N. Y.  
 Wilson Stove & Mfg. Co., Inc., Metropolis, Ill. "Wilson"

**STOVES, Table, Electric**

American Electrical Heater Co., Detroit, Mich. "American Beauty," "Rite Heat," "Triangle Lektrik"  
 Armstrong Products Corp., Huntington, W. Va.  
 Brownie Toaster & Grill Co., Cleveland, O. "Brownie"  
 Capitol Products Co., Inc., Winsted, Conn.  
 Chicago Electric Mfg. Co., Chicago, Ill.  
 Electro Master, Inc., Detroit, Mich. "Fire Bowl"  
 Evryday Electric Co., Marion, Ind.  
 Federal Electric Co., Chicago, Ill. "Aristocrat," "Fedelo"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
 Gray & Dudley Co., Nashville, Tenn. "Washington"  
 Jackson Electro Corp., 625 B'way, New York, N. Y.  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "KM," "Kwikway"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "L & H Electric"  
 Metal Products Mfg. Co., 1762 Rainier Av., Seattle, Wash. "Empee"  
 Metal Ware Corp., Two Rivers, Wis. "Empire"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Bak-O-Grill," "Nesco," "Thrifty-cook"  
 National Stamping & Electric Wks., Chicago, Ill. "White Cross"  
 Ohio Art Co., Bryan, O. "Delta"  
 Rutenber Elec. Co., Marion, Ind. "Marion"



## THE NEW MASTERS "HANDI-CART"



### A Sensational Seller!

The gigantic sales record of the Masters "Handi-Cart" during the past year has been almost phenomenal. The "Handi-Cart" has literally swept the country by storm. Dealers everywhere have found this "successor to the wheelbarrow" one of the fastest selling, most profitable items ever stocked. Our consistent advertising in **National Magazines** has helped swell the demand. Outstanding merit has meant sales. This sturdy, all-steel cart handles easily when fully loaded. It is useful in a hundred ways around house, garden, garage, everywhere. Has none of the old wheelbarrow's draw-backs or back-aches. Saves stooping and shoveling. Everyone who sees the "Handi-Cart" wants it; the low price places it within reach of all. If your jobber cannot supply, order direct from factory.

Made in 2 Sizes: 2 and 3 cu. ft.

To retail for

**\$4.75 and \$6.75**

Other Masters Superior Products

Complete Line of Fertilizer Distributors

Masters Hand Plant Setters

Chemical Distributors  
Top Dressing Machines

**WHAT THEY ALL SAY  
TELLS HER FRIENDS**  
"I purchased a 'Handi-Cart' at our 'Garden Club Show' and I love it. I'm telling all my friends about it."

**USED EVERY DAY**  
"Your Handi-Cart is certainly the perfect answer to my prayer. There isn't a day when it is not in use. Now it's a joy to do those formerly man-sized, back-breaking jobs."

### WANTED

Live Jobbers and Dealers

Write or Wire for Information and Discounts

We offer a most attractive proposition for up-and-coming sales outlets. Our products are guaranteed. The profit margins are liberal.

**MASTERS PLANTER CO.**  
4029-A WEST LAKE ST. CHICAGO, ILL.

## Smoothcut CAN OPENER

brings you 20 proven selling points including these 5 exclusive features



The opener with the DOUBLE-ANGLE cutter

**All parts die-cast or machined.** Not even the wall bracket is stamped. Strong at every point, Smoothcut assures perfect service, complete satisfaction.

**Patented double angle cutter.** Cuts absolutely clean, leaves no edge. Leaves absolutely no metal shavings.

**Unique automatic roller-guides.** Adjust themselves to cans of any shape. Hold can securely in upright position.

**Easy-pierce cam.** The Smoothcut cam and compensating spring combine to make the piercing of the can almost automatic, effortless.

**Compensating spring.** Allows cutter to operate smoothly over heavy seams or on thick-walled cans.

The Smoothcut Opener is the most modern in the market. Consumers and trade unite in ranking it highest in quality, efficiency, safety, convenience.

**Standard aluminum finish, to retail at \$1.80**  
(\$1.90 west of Rockies)

ALSO DELUXE MODEL, CHROMIUM FINISH

WRITE for the new Smoothcut merchandising offer and promotion plan  
Smoothcut is now available through jobbers in most sections



THE REGINA CORPORATION, Rahway, N. J.

## SWING-A-WAY CAN and BOTTLE OPENERS

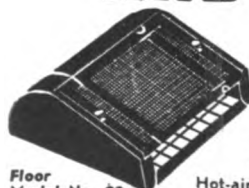
Hundreds of Thousands in Use  
All Over the Country

### OTHER SWING-A-WAY ATTACHMENTS

The Swing-A-Way Knife Sharpener and the Swing-A-Way Jar Opener are also designed to fit the same Swing-A-Way bracket.



## HOT-AIR FILTER AND SHIELDS



Floor Model No. 99  
out removing register

FOR HOT AIR  
REGISTERS



Humidifier No. 30



Wall Model No. 69

Hot-air filter and shields are fully adjustable... installs with choice of ivory, walnut grain or black color.

Newspaper mats, display and promotional material for all items available on request

**STEEL PRODUCTS  
MFG. COMPANY**  
THE MERCHANDISE MART CHICAGO

## New EAGLE Padlock

No. 04864. Retails at \$1.00

Made of EXTRUDED BRASS which gives EAGLE Padlocks their extra toughness and dependable security. Embodies all the fine features that are making EAGLE locks the talk of the trade. Beautifully finished, the case is highly polished and lacquered. Has water drain hole, cadmium plated self-locking shackle, and milled keys. Retails profitably at \$1.00.



### SPECIFICATIONS—

Size: Case 1 1/4" wide, Extruded Brass. Shackle 5/16", Case Hardened Steel. Finish: Case; Attractive High Polished Brass, Clear Lacquer. Keys Blank No. 11885, Solid Brass Corrugated Milled, Highly Polished, 2 to a Lock. Shackle Cadmium Plated. Key Changes: Practically unlimited; can be furnished alike at no additional charge, and master-keyed at additional charge on application. Mechanism: 5-Pin Tumbler. Water drain hole in case. Weight: 5 1/4 pounds per dozen. Packed: 6 Locks per box.

Look for the Eagle trade-mark on each padlock and key.

Ask your Jobber for Prices



**EAGLE LOCK CO.**

General Offices  
**TERRYVILLE, CONN.**

NIGHT LATCHES • TRUNK LOCKS • FRONT DOOR SETS • STORE DOOR SETS  
PADLOCKS • CABINET LOCKS • WOOD SCREWS • STOVE BOLTS • MACHINE SCREWS

**STOVES, Table, Electric (Continued)**

Samson-United Corp., Rochester, N. Y.  
Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, O.  
Stern-Brown, Inc., 42-24 Orchard, Long Island City, N. Y. "Superstar"  
Superior Electric Products Corp., Cape Girardeau, Mo. "Superlectric"  
Swartzbaugh Mfg. Co., Toledo, O. "Everhot"  
Utility Electric Co., St. Louis, Mo. "Beauty"  
Waage Mfg. Co., 3982 W. Barry Av., Chicago, Ill.  
Westinghouse Electric & Mfg. Co., Mansfield, O.  
**STOVES, Tailors—See Heaters, Tailors' Iron**

**STOVES, Toy**

Gray & Dudley Co., Nashville, Tenn. "Leader Washington," "Jr."  
Grey Iron Casting Co., Mt. Joy, Pa.  
Kenton Hdw. Co., Kenton, O. (Electric)  
Metal Ware Corp., Two Rivers, Wis. "Empire" (Electric)  
Standard Electric Stove Co., Toledo, O. "Junior"  
Stevens (J. & E.) Co., Cromwell, Conn.  
Weeden Mfg. Co., New Bedford, Mass. (Electric)

**STOVES, Wood**

A. & J. Mfg. Co., Gadsden, Ala. "A & J."  
Advance Stove Wks., Evansville, Ind. "Advance"  
Allen Mfg. Co., Inc., Nashville, Tenn. "Allen's"  
Althoff (L. A.) Corp., 165 N. Clinton, Chicago, Ill.  
Anchor Stove & Range Co., New Albany, Ind. "Anchor"  
Atlantic Stove Wks., Atlanta, Ga.  
Auto Stove Wks., New Athens, Ill.  
Avondale Stove & Fdy. Co., Birmingham, Ala.  
"Avondale," "Birmingham," "Dixie Queen," "X L"  
Barstow Stove Co., Providence, R. I.  
Birmingham Stove & Range Co., Birmingham, Ala. "Red Mountain"  
Brown Stove Wks., Inc., Cleveland, Tenn.  
Charter Oak Stove & Range Co., St. Louis, Mo. "Oak"  
Cole's Hot Blast Mfg. Co., Chicago, Ill. "Cole's Down Draft"  
Comstock-Castle Stove Co., Quincy, Ill. "Economy"  
Crescent Stove Wks., Evansville, Ind. "Crescent"  
Danville Stove & Mfg. Co., Danville, Pa. "Beaver"  
Dixie Foundry Co., Cleveland, Tenn. "Dixie"  
Dorchester Stove Wks., Inc., Franklin, Tenn. "Royal"  
Duffy-Trowbridge Stove Mfg. Co., Hannibal, Mo. "Pattern"  
Enterprise Fdry. Co., Belleville, Ill. "St. Clair"  
Estate Stove Co., Hamilton, O. "Estate Heatrola"  
Excelsior Stove & Mfg. Co., Quincy, Ill. "National"  
Fasco, 251 N. Fair Av., Benton Harbor, Mich. "Little Pal," "Midget"  
Florence-Wehrle Stove Co., Newark, O.  
Foster Stove Co., Ironton, O.  
Galusha Stove Co., Rochester, N. Y.  
Gem City Stove Co., Dayton, O. "Clermont"  
Germer Stove & Mfg. Co., Erie, Pa. "Radiant Home"  
Glascock Stove & Mfg. Co., Greensboro, N. C. "Black Bird," "Blue Ridge," "Loyal," "Plymouth"  
Glenwood Range Co., Taunton, Mass.  
Globe American Corp., Kokomo, Ind. "Globe"  
Gray & Dudley Co., Nashville, Tenn. "Togo," "Washington Pet"  
Hammer-Bry Co., Ltd., Oakland, Cal. "Spark"  
Hanks Stove & Range Co., Rome, Ga. "Alligator," "Banner," "Model," "Paragon," "Quality," "Victor"  
Hardwick Stove Co., Cleveland, Tenn.  
Hart Mfg. Co., Louisville, Ky.  
Hoosier Stove Co., Marion, Ind. "Easy Baker," "Fictorful," "Famous," "Maid," "Quick Baker," "Victor"  
Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Boss"  
Huntington Stove & Fdy. Co., Huntington, W. Va. "Indiana"  
Indiana Stove Wks., Evansville, Ind.  
Indianapolis Stove Co., Indianapolis, Ind.  
Jewett & Co., Buffalo, N. Y. "Jewett"  
Kalamazoo Stove Co., Kalamazoo, Mich. "Bakeeasy," "Emperor," "Imperial," "Kasoo," "Liberty," "Peerless," "President," "Prince"  
Keeley Stove Co., Columbia, Pa.  
King Stove & Range Co., Sheffield, Ala.  
Knox Stove Wks., Knoxville, Tenn.  
Lammers (W. J.) & Sons, Greenville, O. "Supreme"  
Leonard & Baker Stove Co., Taunton, Mass. "Barstow," "Glendale," "Fairmount"  
Louisville Tin & Stove Co., Louisville, Ky. "Progress"  
March-Brownback Stove Co., Pottstown, Pa. "Woodburn," "Woodlyn," "Woodmere"  
Miller (Robert E.), Inc., 35 Pearl, New York, N. Y. "Juno" (Imported)  
Oakland Foundry Co., Belleville, Ill.  
Orbon Stove Co., Belleville, Ill. "Orbon"  
Phillips & Buttorff Mfg. Co., Nashville, Tenn. "Enterprise"  
Pittston Stove Co., Pittston, Pa.  
Portland Stove Fdry. Co., Portland, Me. "Atlantic"  
Quincy Stove Mfg. Co., Quincy, Ill. "Monogram"  
Reese Stove Co., Inc., Evansville, Ind. "Leader," "Reese"  
Renown Stove Co., Owosso, Mich. "Regal," "Renown"  
Richmond Stove Co., Richmond, Va. "Richmond"  
Rock Island Stove Co., Rock Island, Ill.  
Rockwood Stove Wks., Rockwood, Tenn. "Rockwood"

Schill Mfg. Co., Crestline, O.  
Sheppard (Isaac A.) Co., Baltimore, Md.  
Somersworth Fdy. Co., Salmon Falls, N. H. "Standard"  
Southern Co-Operative Fdry. Co., Rome, Ga.  
Southern Stove Wks., Richmond, Va. "Tip-Top"  
Spence Baggis Stove Co., Martins Ferry, O.  
Standard Stove & Range Co., Rome, Ga. "Standard"  
Steiger & Kerr Stove & Fdry. Co., San Francisco, Cal. "Occidental"  
Taplin, Rice-Clerkin Co., Akron, O. "Climax"  
Tappan Stove Co., Mansfield, O.  
Tennessee Stove Wks., Chattanooga, Tenn.  
Union Stove Wks., 70 Beekman, New York, N. Y.  
United States Stove Co., South Pittsburg, Tenn. "Grecian," "Tuscon"  
Walker & Pratt Mfg. Co., 139 Cypress, Boston, Mass. "Crawford"  
Washington Stove Wks., Everett, Wash. "Olympic"  
White-Warner Co., Taunton, Mass. "Household," "Quaker"  
Woods Evertz Stove Co., Springfield, Mo. "Bonnie," "Worthy"

**STRAIGHT EDGE RAZORS—See Razor, Straight Edge**

**STRAIGHT EDGES—See Edges, Straight**

**STRAIGHT TRIMMERS—See Shears and Scissors**

**STRAIGHT SHANK DRILLS—See Drills, Twist**

**STRAIGHTENERS and SEALERS, JAR CAP—See Sealers and Straighteners, Jar Cap**

**STRAINER PAILS—See Pails, Milk, Strainer**

**STRAINER WIRE CLOTH—See Cloth, Wire, Sifter and Strainer**

**STRAINERS, Bowl—See Strainers, Jelly**

**STRAINERS, Coffee—See Strainers, Tea and Coffee**

**STRAINERS, Conductor and Eave Trough**

Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
Braden Mfg. Co., Terre Haute, Ind.  
Edward Mfg. Co., Cincinnati, O.  
Globe Iron Roofing & Corrugating Co., Inc., Newport, Conn.  
Grand Rapids Wire Products Co., Grand Rapids, Mich. "Kant Krush"  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Jelliff (C. O.) Mfg. Corp., Southport, Conn.  
Jelliff (Geo. H.) & Son, New Canaan, Conn.  
Klauser Mfg. Co., Dubuque, Ia.  
Lamb & Ritchie Co., Cambridge, Mass.  
Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
Milcor Steel Co., Milwaukee, Wis.  
Racine Iron & Wire Wks., Racine, Wis.  
Reeves Steel & Mfg. Co., Dover, O.  
Rolock, Inc., Southport, Conn.  
Souther (E. E.) Iron Co., St. Louis, Mo.  
Washburn Company, Worcester, Mass.  
Wheeling Corrugating Co., Wheeling, W. Va.  
**STRAINERS, Eave Trough—See Strainers, Conductor and Eave Trough**

**STRAINERS, Food**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
Aluminum Cooking Utensil Co., New Kensington, Pa.  
Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Aluminum Products Co., La Grange, Ill. "Lifetime"  
Baby-Siv Co., 804 Wright Av., Schenectady, N. Y.  
Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Foley"  
Hamblin & Russell Mfg. Co., Inc., Worcester, Mass.  
McDowell Mfg. Co., Millvale Sta., Pittsburgh, Pa. "Dilver"  
Tyler Mfg. Co., Muncie, Ind.  
United Royalties Corp., 1133 B'way, New York, N. Y. "Saturn"  
Washburn Co., Worcester, Mass.  
West Bend Aluminum Co., West Bend, Wis.

**STRAINERS, Fruit and Vegetable**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill. "Ajax"  
Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
Aluminum Goods Mfg. Co., Manitowoc, Wis. "Viko" (Rotary)  
Aluminum Products Co., La Grange, Ill. "Lifetime"  
Coughlan (G. N.) Co., 22 Alden, Orange, N. J. "Easy-Aid"  
Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn. "Foley"  
Glenfield Supply Co., Glenfield, Pa.  
Landers, Frary & Clark, New Britain, Conn. (Fruit)  
McDowell Mfg. Co., Millvale Sta., Pittsburgh, Pa. "Dilver"  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Tyler Mfg. Co., Muncie, Ind. "Super-Sieve" (Combination)  
Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
Washburn Company, Worcester, Mass. "Lemon-Aider," "Prest-O-Strainer"  
Wisconsin Aluminum Fdry. Co., Inc., Manitowoc, Wis.

**STRAINERS, Jelly, Etc.**

Buckeye Aluminum Co., Wooster, O. "Buckeye"  
Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"  
Everedy Co., Frederick, Md.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Illinois Pure Aluminum Co., Lemont, Ill. "American Maid"  
Kewaskum Aluminum Co., Kewaskum, Wis.  
Kreamer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Vollrath Co., Sheboygan, Wis.  
Washburn Company, Worcester, Mass. "Sno-Cap"

**STRAINERS, Milk**

Atlantic Stamping Co., Rochester, N. Y.  
Behrens (H.) Mfg. Co., Winona, Minn.  
Cherry-Burrell Corp., Chicago, Ill.  
Creamery Package Mfg. Co., Chicago, Ill. "CP"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City," "Sky-Test"  
Johnson & Johnson, Dairy Filter Prod. Div., New Brunswick, N. J. "Rapid-Flo"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco" (Filter Disc)  
Reeve & Mitchell Co., Phila., Pa. (Cloth)  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "DeLuxe"  
Schwartz Mfg. Co., Two Rivers, Wis. "Perfection"  
Solar-Sturges Mfg. Co., Melrose Park, Ill.  
Specialty Brass Co., Kenosha, Wis.  
Straton & Terstege Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"  
Superior Sheet Metal Wks. Co., 8201 Roosevelt Av., Indianapolis, Ind. "Superlor"

**STRAINERS, Milk, Disc**

Atlantic Stamping Co., Rochester, N. Y.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Sky-Test"  
Johnson & Johnson, Dairy Filter Prod. Div., New Brunswick, N. J. "Rapid-Flo"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Purity Stamping Co., Battle Creek, Mich. "Dr. Clark"  
Reeve & Mitchell Co., Phila., Pa. "N.B.P."  
Schwartz Mfg. Co., Two Rivers, Wis. "Perfection"

**STRAINERS, Paint**

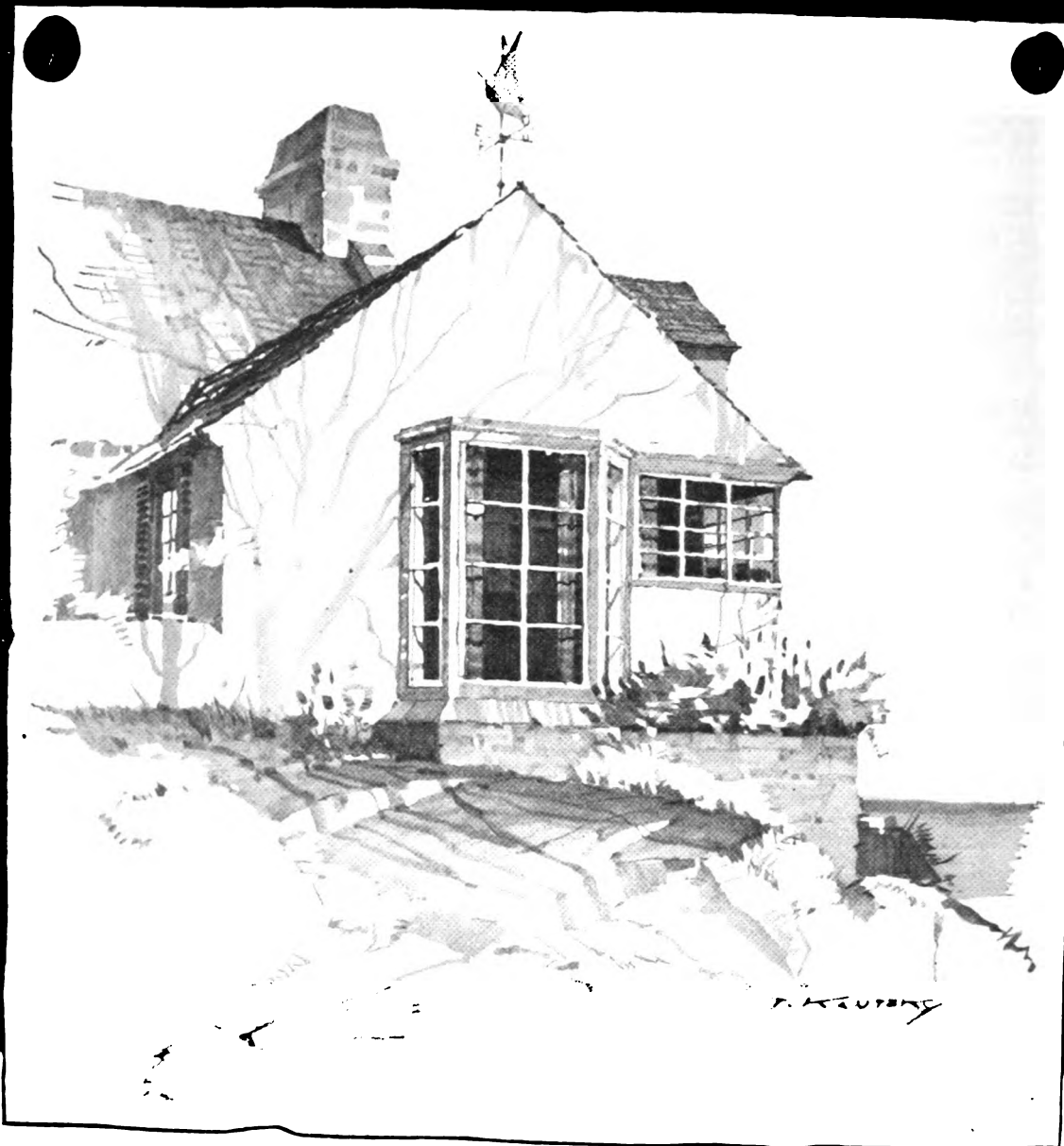
Farrington (Chas. E.) Co., Phoenixville, Pa.  
Gagnier Paint Co., Detroit, Mich.  
Great Western Mfg. Co., Leavenworth, Kan.  
Hyde Mfg. Co., Southbridge, Mass.  
Martin Strainer Co., South Windham, Me.

**STRAINERS, Sink**

Aluminum Cooking Utensil Co., New Kensington, Pa.  
Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Aluminum Products Co., La Grange, Ill. "Lifetime"  
Auburn Rubber Corp., Auburn, Ind.  
Bellaire Enamel Co., Bellaire, O. "Becco"  
Bignall Co., Madison, N. Y.  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
Columbian Enameling & Stamping Co., Terre Haute, Ind.  
Federal Enameling & Stamping Co., McKees Rocks, Pa. "Old Holland"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
Marshallan Mfg. Co., 5716 Euclid Av., Cleveland, O.  
Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "No-Drip," "Sanette"  
Modern Iron Wks., Quincy, Ill.  
Moore Enameling & Mfg. Co., W. Lafayette, O. "Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Powell Pressed Steel Co., Hubbard, O. "Utility"  
Scovill Mfg. Co., Plumbers' Brass Goods Div., Waterville, Conn.  
Steel & Johnson Mfg. Co., Waterbury, Conn.  
Steel Stamping Co., Lorain, O.  
Tillinghast (B. C.) Rubber Co., Inc., 236 Market, Phila., Pa.  
U. S. Hardware & Mfg. Co., Pawtucket, R. I.  
U. S. Stamping Co., Moundsville, W. Va.  
Vollrath Co., Sheboygan, Wis.  
Wagner Mfg. Co., Sidney, O.  
Washburn Company, Worcester, Mass.  
Washburn Rubber Co., Wooster, O. "Rubbermaid"  
**STRAINERS, Soup—See Strainers, Jelly, Etc.**

**STRAINERS, Tea and Coffee**

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill. "Poror"  
Aluminum Goods Mfg. Co., Manitowoc, Wis.  
American Aluminum Ware Co., 374 Jelliff Av., Newark, N. J. "Peerless"  
Artleigh Products, Inc., 1133 B'way, New York, N. Y. "Kleenti"  
Continental Gem Co., 461 W. 42nd, New York, N. Y.



## SELL "PENNVERNON"... NOT JUST "WINDOW GLASS"

TODAY, windows are larger, more numerous, better designed than ever before. That is why it is increasingly important that they be glazed with a quality glass. The selection of Pennvernion Window Glass is the simplest way to make certain of quality glass. Pennvernion is clear, bright of surface, reflective. For a sheet glass, it exhibits a remarkable freedom from distortion. And as a result, it assures good vision. Pittsburgh Plate Glass Company, Grant Building, Pittsburgh, Pa.

AT THE NEW YORK WORLD'S FAIR, VISIT THE GLASS CENTER BUILDING AND THE PITTSBURGH HOUSE OF GLASS.

**PENNVERNON WINDOW GLASS**  
**PITTSBURGH PLATE GLASS COMPANY**  
*"PITTSBURGH" stands for Quality Glass*



Mention Hardware Age When Writing

Digitized by Google



**STRAINERS, Tea and Coffee (Continued)**

Coughlan (G. N.) Co., 422 Alden, Orange, N. J.  
 "Easy-Aid"  
 Hamilton & Russell Mfg. Co., Worcester, Mass. "Ace."  
 "Duro," "Never Tip," "No Wobble," "Standard."  
 Katsinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Standard Aluminum Co., Two Rivers, Wis.  
 U. S. Stamping Co., Moundsville, W. Va.  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill.  
 Vollrath Co., Sheboygan, Wis.  
 Washburn Company, Worcester, Mass. "Sno-Cap"

**STRAINERS, Well**

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Reo Jacket Mfg. Co., Davenport, Ia.  
 Youngstown Steel Products Co., Youngstown, O.  
 "Mark"

**STRAP CLAMPS—See Clamps, Strap**

**STRAP HINGES—See Hinges, Strap**

**STRAP HOOKS—See Hooks, Strap**

**STRAP AND HOOK HINGES—See Hinges, Hook and Strap**

**STRAP WRENCHES—See Wrenches, Strap**

**STRAPPING, Box, Steel**

Acme Steel Co., 2838 Archer Av., Chicago, Ill.  
 "Nailer"  
 Brainerd Steel Corp., Warren, O. "Safe-Ty"  
 Independent Metal Strap Co., Inc., 230 3rd, B'klyn, N. Y. "Royal"  
 Robertson Steel & Iron Co., 71 Elm, Cincinnati, O.  
 Roebeling's (John A.) Sons Co., Trenton, N. J.  
 Signode Steel Strapping Co., 2635 N. Western Av., Chicago, Ill. "Apex," "Python," "Reliable"  
 Stanley Works, New Britain, Conn.  
 West Leeburg Steel Co., Brackenridge, Pa.

**STRAPS, Conduit—See Straps, Pipe and Conduit**

**STRAPS, Cow Bell—See Straps, Leather**

**STRAPS, Fish Basket**

American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
 Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
 Lawrence (Geo.) Co., Portland, Ore.  
 Red Head Brand Co., Chicago, Ill.  
 Standard Belt Co., Chelsea, Mass.  
 Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**STRAPS, Hame**

Allen (Bona), Inc., Buford, Ga.  
 Barnett Mfg. Co., 315 Poplar, Macon, Ga.  
 Barret (W. G.) Co., Inc., Owensboro, Ky.  
 Beard (H. B.) & Co., York, Pa.  
 Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
 Hoyt Harness Co., Des Moines, Ia.  
 Caldwell Lace Leather Co., Auburn, Ky.  
 California Tanning Co., St. Louis, Mo.  
 Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
 Clinton Saddlery Co., Clinton, Ia.  
 Crump (Benj. T.) Co., Inc., Richmond, Va.  
 Dakota Harness & Hdw. Co., Fargo, N. Dak.  
 Dorries Co., Inc., 89 B'way, Buffalo, N. Y.  
 Duhamel Co., Rapid City, N. Dak.  
 Duman, H. E., York, Pa.  
 Ferguson Co., 1000 B'way, Paducah, Ky.  
 Friend (Chas.) & Son, Inc., 343 Jackson, St. Paul, Minn.  
 Gleckner (W. W.) Sons Co., Canton, Pa.  
 Goetz Saddlery Co., Ransom, W. Va.  
 Harbison & Gathright, Inc., Louisville, Ky.  
 Harpham Bros. Co., Lincoln, Neb.  
 Harrier, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
 Harris-Kahn Saddlery Co., Cairo, Ill.  
 Hermann-Brownlow Co., Springfield, Mo. "Eclipse"  
 Hess & Hopkins Leather Co., Rockford, Ill.  
 Hide & Leather Co., Seymour, Ind.  
 Homann (Wm.) Saddlery Co., St. Louis, Mo.  
 Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
 Hutchison (T. T.) Co., Inc., Wheeling, W. Va.  
 Jackson (A. D.) Saddlery Co., Benton, Ill.  
 Kentucky Whip & Collar Co., Eddyville, Ky.  
 Keystone Bros., 755 Mission, San Francisco, Cal.  
 Klein Savidge Co., Inc., 161 N. 3rd, Phila., Pa.  
 Krieger (J. P.) Saddlery Co., 320 Pearl, Louisville, Ky.  
 Kurzynski Mfg. Co., 1608 Central Ave., Cincinnati, O.  
 "Kurco"  
 Lawrence (Geo.) Co., Portland, Ore.  
 Lea Co., Elgin, Ill.  
 Lichtenberger-Ferguson Co., 352 S. Los Angeles, Los Angeles, Cal.  
 McConnell (S. R. & I. C.) Co., Burlington, Ia.  
 Merchants Supply Co., Ft. Wayne, Ind.  
 Meyer Bros. Saddlery Co., Sioux City, Ia.  
 Milwaukee Saddlery Co., Milwaukee, Wis.  
 Mueller (Fred) Saddle & Harness Co., Denver, Colo.  
 New Braunfels Leather Co., Inc., New Braunfels, Tex.  
 Noe (Geo. D.) Harness Co., Minneapolis, Minn.  
 Nott (W. S.) Co., 201 N. 3rd, Minneapolis, Minn.  
 "Noco"  
 Olmsted Co., 235 W. Water, Syracuse, N. Y.  
 Orman Partee Saddlery Co., 131 Second Av. N., Nashville, Tenn.

Oxley Bros., 31 W. Main, Newark, O.  
 Padgett Bros. Co., Dallas, Tex. "Broncho"  
 Pierce Harness Co., Spokane, Wash.  
 Regnier (T. J.) Inc., Springfield, Mass.  
 Schaefer Co., Decatur, Ind. "Black Beauty"  
 Scheffer & Rossum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"  
 Schoellkopf Co., Dallas, Tex. "Jumbo"  
 Schwahn-Seyberth Co., Eau Claire, Wis.  
 Shane Mfg. Co., W. Maryland at Buchanan, Evansville, Ind. "Dura-Tan"  
 Shelbyville Harness Co., Shelbyville, Tenn.  
 Shipley (Chas. P.) Saddlery & Merc. Co., Kansas City, Mo.  
 Smith Worthington Saddlery Co., Hartford, Conn.  
 Southern Saddlery Co., Inc., Chattanooga, Tenn.  
 Sternberg (A.) Saddlery, Albany, Ore.  
 Stratton-Warren Hdw. Co., Memphis, Tenn. "Elk"  
 Straus-Bodenheimer Co., Houston, Tex. "Star Brand"  
 Strecker Bros. Co., Marietta, O.  
 Syracuse Saddlery Co., Syracuse, N. Y.  
 Texas Tanning & Mfg. Co., Yoakum, Tex.  
 Van Nostrand Saddlery Co., Muscatine, Ia. "Vanco"  
 Van Voorhies-Phinney Co., Sacramento, Cal.  
 Virginia Leather Co., Richmond, Va.  
 Vogel, Adolf, San Antonio, Tex. "Vogel"  
 Walsh Harness Co., Milwaukee, Wis.  
 Wayne Saddlery Co., Wayne, Mich.  
 Weider (John A.) & Son, Inc., Rochester, N. Y.  
 Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
 Wiggert Bros., La Crosse, Wis.  
 Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**STRAPS, Jock**

Collis (H. J.) Mfg. Co., Taunton, Mass.  
 Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
 Graton & Knight Co., Worcester, Mass.  
 Ken-Wel Sporting Goods Co., Utica, N. Y.  
 Martin Bros., Middleboro, Ky.  
 Rawlings Mfg. Co., St. Louis, Mo.  
 Spalding (A. G.) & Bros., Chicopee, Mass.  
 Ware (Walter F.) Co., Phila., Pa.

**STRAPS, Leather**

Allen (Bona), Inc., Buford, Ga.  
 American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
 Baltimore Leather Goods Co., Baltimore, Md.  
 Beard (H. B.) & Co., York, Pa.  
 Beasecker Mfg. Co., Minneapolis, Minn. "S & Q"  
 Hoyt Harness Co., Des Moines, Ia.  
 Caldwell Lace Leather Co., Auburn, Ky.  
 Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
 Clinton Saddlery Co., Clinton, Ia.  
 Crump (Benj. T.) Co., Inc., Richmond, Va.  
 Dakota Harness & Hdw. Co., Fargo, N. Dak.  
 Decker, J. C., Inc., Montgomery, Pa.  
 Dorries Co., Inc., 89 B'way, Buffalo, N. Y.  
 Duhamel Co., Rapid City, S. Dak.  
 Ferguson Co., 1000 B'way, Paducah, Ky.  
 Friend (Chas.) & Son, Inc., 343 Jackson, St. Paul, Minn.  
 Gleckner (W. W.) Sons Co., Canton, Pa.  
 Goetz Saddlery Co., Ransom, W. Va.  
 Graton & Knight Co., Worcester, Mass.  
 Harbison & Gathright, Inc., Louisville, Ky.  
 Harpham Bros. Co., Lincoln, Neb.  
 Harrier, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
 Harris-Kahn Saddlery Co., Cairo, Ill.  
 Hermann-Brownlow Co., Springfield, Mo. "Eclipse"  
 Hess & Hopkins Leather Co., Rockford, Ill.  
 Hide & Leather Co., Seymour, Ind.  
 Homann (Wm.) Saddlery Co., St. Louis, Mo.  
 Hudson Belting Co., Worcester, Mass.  
 Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
 Hutchison (T. T.) Co., Inc., Wheeling, W. Va.  
 Illinois Mechanical Leather Co., Chicago, Ill.  
 Jackson (A. D.) Saddlery Co., Benton, Ill.  
 Kentucky Whip & Collar Co., Eddyville, Ky.  
 Keystone Bros., 755 Mission, San Francisco, Cal.  
 Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein" (Climbers, Jack and Safety)  
 Klein Savidge Co., Inc., 161 N. 3rd, Phila., Pa.  
 Krieger (J. P.) Saddlery Co., 320 Pearl, Louisville, Ky.  
 Kurzynski Mfg. Co., 1608 Central Av., Cincinnati, O.  
 "Kurco"  
 Lawrence (Geo.) Co., Portland, Ore.  
 Lea Co., Elgin, Ill.  
 Lichtenberger-Ferguson Co., 352 S. Los Angeles, Los Angeles, Cal.  
 McConnell (S. R. & I. C.) Co., Burlington, Ia.  
 Merchants Supply Co., Ft. Wayne, Ind.  
 Meyer Bros. Saddlery Co., Sioux City, Ia.  
 Milwaukee Saddlery Co., Milwaukee, Wis.  
 Montauk Leather Specialty Co., 3 W. 19th, New York, N. Y.  
 New Braunfels Leather Co., Inc., New Braunfels, Tex.  
 Olmsted Co., 235 W. Water, Syracuse, N. Y.  
 Orman Partee Saddlery Co., Nashville, Tenn.  
 Oxley Bros., Newark, O.  
 Padgett Bros. Co., Dallas, Tex. "Broncho"  
 Pierce Harness Co., Spokane, Wash.  
 Pine, Geo. D., 89 Chambers, New York, N. Y.  
 Schaefer Co., Decatur, Ind. "Black Beauty"  
 Scheffer & Rossum Co., 255 E. Kellogg Blvd., St. Paul, Minn. "Jim Dandy"

Schoellkopf Co., Dallas, Tex. "Jumbo"  
 Schwahn-Seyberth Co., Eau Claire, Wis.  
 Shane Mfg. Co., W. Maryland at Buchanan, Evansville, Ind. "Dura-Tan"  
 Shelbyville Harness Co., Shelbyville, Tenn.  
 Shipley (Chas. P.) Saddlery & Merc. Co., Kansas City, Mo.  
 Smith Sons Harness Co., Inc., Buffalo, N. Y.  
 Smith Worthington Saddlery Co., Hartford, Conn.  
 Southern Saddlery Co., Inc., Chattanooga, Tenn.  
 Standard Belt Co., Chelsea, Mass.  
 Sternberg (A.) Saddlery, Albany, Ore.  
 Stratton-Warren Hdw. Co., Memphis, Tenn. "Elk"  
 Straus-Bodenheimer Co., Houston, Tex. "Star Brand"  
 Strecker Bros. Co., Marietta, O.  
 Sturges Mfg. Co., Inc., Utica, N. Y.  
 Sutherland Leather & Felt Co., Detroit, Mich.  
 Syracuse Saddlery Co., Syracuse, N. Y.  
 Texas Tanning & Mfg. Co., Yoakum, Tex.  
 Van Nostrand Saddlery Co., Muscatine, Ia. "Vanco"  
 Van Voorhies-Phinney Co., Sacramento, Cal.  
 Vogel, Adolf, San Antonio, Tex. "Vogel"  
 Walsh Harness Co., Milwaukee, Wis.  
 Wayne Saddlery Co., Wayne, Mich.  
 Weider (John A.) & Son, Inc., Rochester, N. Y.  
 Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
 Wiggert Bros., La Crosse, Wis.  
 Wilson, Wm. A., 50 Warren, New York, N. Y.  
 Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.

**STRAPS, Pipe and Conduit**

Alsteel Mfg. Co., Battle Creek, Mich.  
 American Steel Band Co., Bowman Bldg., Pittsburgh, Pa.  
 Diamond Expansion Bolt Co., 48 W. B'way, New York, N. Y.  
 Klein Mfg. Co., Burlington, Ia.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R. R., Sterling, Ill.  
 Merwin Mfg. Co., Erie, Pa.  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Rattan Mfg. Co., New Haven, Conn.  
 Signode Steel Strapping Co., 2635 N. Western Av., Chicago, Ill. "Fit-All"

**STRAPS, Safety, Childrens'**

American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
 Baltimore Leather Goods Co., 611 N. Eutaw, Baltimore, Md.  
 Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Lefkowitz (Louis) & Bro., Inc., New Brunswick, N. J.  
 Standard Belt Co., 617 B'way, Chelsea, Mass.

**STRAPS, Skate**

American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
 Brauer Bros., Inc., St. Louis, Mo.  
 California Tanning Co., St. Louis, Mo.  
 Chicago Belting Co., Chicago, Ill.  
 Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill.  
 Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
 Collis (H. J.) Mfg. Co., Taunton, Mass.  
 Decker, J. C., Inc., Montgomery, Pa.  
 Drybak Corp., Binghamton, N. Y.  
 Graton & Knight Co., Worcester, Mass.  
 Hartford Belting Co., Hartford, Conn.  
 Houghton (E. F.) & Co., Phila., Pa.  
 McLanathan (F. W.) & Sons, Lawrence, Mass.  
 Page Belting Co., Concord, N. H.  
 Pine, Geo. D., 89 Chambers, New York, N. Y.  
 Rome Sporting Goods Mfg. Co., Rome, N. Y.  
 Russell Mfg. Co., Middletown, Conn.  
 Standard Belt Co., Chelsea, Mass.  
 Sutherland Leather & Felt Co., Detroit, Mich.  
 Union Hdw. Co., Torrington, Conn.  
 Warren Leather Goods Co., Worcester, Mass.  
 Wilson, Wm. A., 50 Warren, New York, N. Y.

**STRAPS, Tire—See Straps, Leather**

**STRAPS, Trunk**

American Cord & Webbing Co., 394 B'way, New York, N. Y.  
 American Leather Specialties Corp., 26 W. 17th, New York, N. Y.  
 Clark Leather Products Co., 1811 W. North Av., Chicago, Ill.  
 Curry (J. W.) Co., Cincinnati, O.  
 Gilmer (L. H.) Co., Phila., Pa.  
 Pine, Geo. D., 89 Chambers, New York, N. Y.  
 Standard Belt Co., Chelsea, Mass.  
 Sutherland Leather & Felt Co., Detroit, Mich.

**STRAPS, Webbing**

American Cord & Webbing Co., 394 B'way, New York, N. Y.  
 Buffalo Weaving & Belting Co., Black Rock, N. Y.  
 Hope Webbing Co., Providence, R. I.  
 Powers Mfg. Co., Waterloo, Ia.  
 Sturges Mfg. Co., Inc., Utica, N. Y.  
 Sutherland Leather & Felt Co., Detroit, Mich.  
 Taylor (C. A.) Trunk Wks., Chicago, Ill.  
**STRAPPING BOX—See Straps and Strapping Box**  
**STRAPPING TIGHTENERS, Box—See Tighteners, Box Strapping**  
**STRAWBERRY HULLERS—See Hullers, Strawberry**



**CHENEY**

SILVER KING

CHENEY NAILER

**HAMMERS**

Cheney hammers have been made in Little Falls, N. Y. ever since 1836 and have always enjoyed for more than 100 years a reputation as America's finest hammers. From the "Silver King" to the smallest tack hammer, Cheney Hammers and Nailers are good sellers in stores—everywhere.

CHENEY HAMMERS  
for  
SPECIAL TRADES

CARPENTERS  
BLACKSMITHS  
MACHINISTS  
ENGINEERS  
TINNERS  
BODY BUILDERS  
BRICKLAYERS  
PROSPECTORS  
FARRIERS

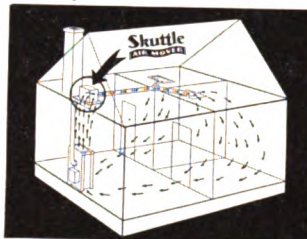
It is always good hammer business in stores that carry Cheney Hammers. You'll get more good hammer business with Cheneys.

Henry Cheney Hammer Corp.  
Factory: Little Falls, N. Y.  
Sales office: 302 Broadway, New York

The Cheney Sales Maker, the hammer display-demonstrator, is a real hammer salesman. Order a few dozen Cheney Nailers and get this live display.

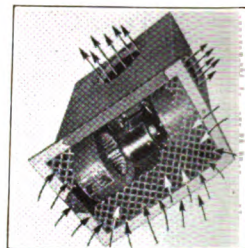
**MORE  
SALES****INCREASED  
PROFITS**

... if *You* sell  
the **SMALL HOME  
OWNER!**



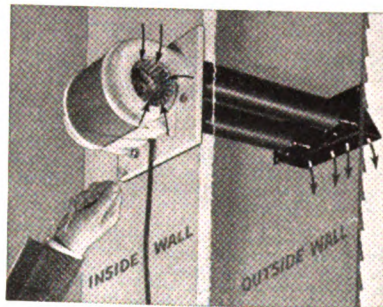
Every small home owner needs this **SKUTTLE AIR MOVER** to increase the heating efficiency of his space heater. Whether he uses a wood, coal, gas or oil heater this comes completely assembled with rubber-mounted blower motor, switch and register. It is simple to install. Any home owner can do the work himself. Diagram of house shows installation and way it circulates the heated air. Can also be used as cooling system in summer. Its low price will interest you.

**Skuttle**  
**AIR MOVER**



**HERE'S A VENTILATOR  
THAT WILL FIT ANY SMALL  
HOME IN  
PRICE AND  
SIZE  
\$15**

(LIST PRICE)



\$15 is the price complete—there is nothing more to buy. Each Skuttle No. 100 Ventilator comes already mounted on enameled panel with toggle bolts for easy installation on the wall. Also furnished with 8 feet of electric cord, plug and switch. Ideal for use in auto trailers, recreation rooms, lunch rooms and dark rooms.

**THIS SKUTTLE HUMIDIFIER  
IS EASY TO INSTALL AND  
TROUBLE FREE IN OPERATION**

This D. S. Skuttle humidifier was designed for easy installation in the bonnet or plenum chamber of all makes and sizes of warm air furnaces. All fittings are made of copper and bronze to insure long life. Available in 20 inch or 30 inch sizes.



**WRITE TODAY FOR LITERATURE AND PRICES  
J. L. SKUTTLE COMPANY**

DEPT. M

1015 FRANKLIN ST.

DETROIT, MICHIGAN



**STREET BROOMS**—See Brooms, Street  
**STREET SIGN FRAMES**—See Frames, Sign, Street

### STRETCHERS, Carpet

Harper, A. K., Fairfield, Ia.  
 Johnson (William), Inc., 86 Brenner, Newark, N. J.  
 Osborne (C. S.) & Co., Harrison, N. J.

### STRETCHERS, Curtain

Acme Hough Mfg. Co., Pittsburgh, Pa.  
 Chicago Curtain Stretcher Co., 3725 S. May, Chicago, Ill. "Dependable"  
 Concord Woodworking Co., W. Concord, Mass. "Minute-Man"  
 Handy Things Mfg. Co., Ludington, Mich. (Pinless)  
 Holmquist & Swanson, Chicago, Ill. "National Champion"  
 Koehler Tool & Mfg. Co., 820 Vermont Av., Dayton, O. (Pinless)  
 Peerless Mfg. Co., 1243 W. 3rd, Cleveland, O. (Pinless)  
 Sag-Proof Curtain Stretcher Co., Kenosha, Wis.  
 Western Newell Mfg. Co., Freeport, Ill. (Pinless)  
 Woodenware Products Co., St. Louis, Mo. "Nu-Fold"

### STRETCHERS, Fence and Wire

(See also Pullers, Wire)

Alliance Mfg. Co., Alliance, O. "Doo-Klip"  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "Lott," "National"  
 Arcade Mfg. Co., Freeport, Ill.  
 Crescent Tool Co., Jamestown, N. Y. "Crescent," "S. & H."  
 Forythe-Miller, Bernice, La.  
 Franklin Equipment Co., Monticello, Ia.  
 Hall Mfg. Co., Cedar Rapids, Ia.  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Kieselman Bros., Muncie, Ind.  
 Leitzke, Rein, Beaver Dam, Wis. "Leitzke"  
 Lodge Mfg. Co., So. Pittsburg, Tenn. "One-Man"  
 Loudon Mch. Co., Fairfield, Ia.  
 Mason Fence Co., Leesburg, O. "Bull Dog," "Mason"  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Miller Mfg. Co., 19th & Cumming, Omaha, Neb.  
 Milwaukee Hay Tool Co., Layton Pk., Milwaukee, Wis. "Dandy," "Eclipse"  
 Ney Mfg. Co., Canton, O. "Ellwood," "Gem," "Great Western," "Ohio," "Premier," "Royal Blue"  
 Northwestern Steel & Wire Co., Sterling, Ill. "Dillon," "Sterling"  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
 Peerless Wire Fence Co., Adrian, Mich. "Double Jack"  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill. "Dragon," "R-W Ellwood," "R-W Giant," "R-W Hercules"  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Shaffer (J. E.) Co., 621 E. Cameron, Tulsa, Okla. "Come-Along," "Little Sampson"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Starline, Inc., Harvard, Ill. "Ellwood," "Giant Star," "Giant Star Jr.," "Little Giant," "Sampson," "Star"  
 Sterling Foundry Co., Sterling, Ill. "Best Ratchet"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 Townsend, B. W., Painted Post, N. Y. "Townsend"  
 Von Steen (John H.) Co., Beatrice, Neb. "Franklin"  
 Wrightsville Hdw. Co., Wrightsville, Pa.

### STRETCHERS, Line, Clothes

Johnston (A. O.) Mfg. Co., 2866 Espey Av. (Dorment), Pittsburgh, Pa. "Jiffy"

### STRETCHERS, Screen Wire

Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Markwell"

### STRETCHERS, Wire—See Pullers, Wire

### STRIKE AND CHIME CLOCKS—See Clocks, Alarm, Time Piece, Strike & Chime

### STRIKES, Lock, Adjustable

Adjustable Strike-Plate Co., Buffalo, N. Y. "Herdeg's"

### STRIKING BAG BARS—See Bars, Striking Bag

### STRIKING BAG BLADDERS—See Bladders, Foot Ball, Etc.

### STRIKING BAG MITTS—See Mitts, Striking Bag

### STRIKING BAGS—See Bags, Punching

### STRIKING BALLS—See Balls, Medicine

### STRINGERS, Fish

Boyer Mfg. Co., Winona Lake, Ind. "Keep Alive," "Winona"  
 Consolidated Sales Co., 408 W. 7th, Cincinnati, O. "Hande"  
 Enterprise Mfg. Co., Dept. HA, Akron, O. "Climax," "E-Z-Off," "Eclipse," "Hercules," "Jerico," "No-Die"  
 Heddon's (Jas.) Sons, Dowagiac, Mich.  
 Hildebrandt (J. J.) Co., Loganport, Ind.  
 Millite Steel & Wire Works, Inc., Howell, Mich. "Keep-Em-Alive," "Howell," "Millite"  
 Paw Paw Bait Co., Paw Paw, Mich.  
 South Bend Bait Co., South Bend, Ind.

### STRINGS, Tennis Racket, Silk

General Tennis String Mfg. Co., Gardner, Mass.  
 Sunsheen Tennis String Co., 1121 21st, Oakland, Cal.  
**STRIP, Dustproofing—See Weatherstrip**  
**STRIP STEEL—See Steel, Cold Rolled Strip; also Steel, Hot Rolled Strip**  
**STRIP, Weather—See Weatherstrip**

### STRIPERS, Paint

Motor Industries Co., La Crosse, Wis. "Lightning"  
 Sharpe Mfg. Co., 1819 Maple Av., Los Angeles, Cal.  
 Wendell Mfg. Co., 2535 N. Ashland Av., Chicago, Ill. "Master"

### STRIPPERS, Nail

Cutler Mfg. Co., 512 S. E. Mill, Portland, O.  
 Smith, Dick, 3919 W. Jefferson, Los Angeles, Cal.

### STRIPPERS, Seed, Hand

King, C. R., Carlisle, Ky. "Blue Grass"

### STRIPPERS, Wire, Insulation

Austin (M. B.) Co., 108 S. Desplaines, Chicago, Ill.  
 Dicke Tool Co., Downers Grove, Ill. "Perry"  
 Ideal Commutator Dresser Co., 1039 Park Av., Sycamore, Ill.  
 Majestic Handle Co., 2515 S. Wabash Ave., Chicago, Ill. "Zip"  
 Pyramid Products Co., 2304 S. State, Chicago, Ill. "E-Z"  
 Woodhead (Daniel) Co., 15 N. Jefferson, Chicago, Ill. "Speedex"

### STRIPS, Leather Sole

Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Karno (L.) & Co., 721 W. 18th, Chicago, Ill.  
 Wilder & Company, 1038 N. Crosby, Chicago, Ill.  
 "Bull-Frog Chrome," "Golden Oak," "Lion," "Wild Oak"

### STRIPS, Rim, Balloon Tire

Continental Rubber Works, Erie, Pa. "Vitalic"

### STROPPERS, Blade, Safety Razor

(See also Stroppers, Razor)

Allbright Electric Corp., 119 W. 24th, New York, N. Y. "Allbright"  
 American Hone Co., Olean, N. Y.  
 Behr-Manning Corp., Troy, N. Y.  
 Crystal Stroppler Co., Milton, Mass. "Crystal"  
 Kriss-Kross Corp., St. Louis, Mo. "Kriss-Kross"  
 Never Fail Co., Toledo, O.  
 Twinplex Products Co., 3400 Ravenswood Av., Chicago, Ill.

### STROPS, Razor

(See also Stroppers, Blade, Safety Razor)

American Hone Co., Olean, N. Y. "Edge-uator"  
 Case (W. R.) & Sons Cutlery Co., Bradford, Pa.  
 Cattaraugus Cutlery Co., Little Valley, N. Y.  
 Gillette Safety Razor Co., Boston, Mass. "Valet Autostrop"  
 Hollinger Cutlery Co., Fremont, O.  
 Koken Cos., St. Louis, Mo.  
 Never Fail Co., Toledo, O.  
 Quadriga Mfg. Co., Chicago, Ill. "Zig Zag"  
 Shumate Cutlery Corp., St. Louis, Mo.  
 Suntorbach Co., Adrian, Mich. "Sunasack," "Torrey," "Weiffenbach"  
 Torrence (J. S.) Sales Co., Los Angeles, Cal. "Manganese Fiber"  
 Union Cutlery Co., Olean, N. Y. "Ka-Bar"  
 Weck (Edward) & Co., Inc., 135 Johnson, Brooklyn, N. Y. "Weck Bantam," "Weck Jr."  
**STRUCTURAL RIVETS—See Rivets, Structural**  
**STUCCO BRUSHES—See Brushes, Stucco**  
**STUCCO PAINT—See Paints, Cement, Concrete, Brick, Stucco, etc.**  
**STUD BOLTS—See Bolts, Stud**

### STUDS, Belt

Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
 Manufacturers' Belt Hook Co., Chicago, Ill. "LX"  
 Ottemiller (Wm. H.) Co., York, Pa.

### STUDS, Drive

Groov-Pin Corp., 411 Kerrigan Av., Union City, N. J. "Drive-Stud"

### STUDS, Fixture, Electric

Appleton Electric Co., Chicago, Ill.  
 Austin (M. B.) Co., Chicago, Ill.  
 Bonnell Electric Mfg. Co., 194 Chambers, New York, N. Y.  
 Bridgeport Switch Co., Bridgeport, Conn.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Chicago Steel Tank Co., Chicago, Ill. "C.S.T."  
 Dunlap (John) Co., Carnegie, Pa.  
 Faries Mfg. Co., Decatur, Ill.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Liberty Machine Co., Wauwatosa, Wis.  
 Midwest Electric Co., Chicago, Ill.  
 M.S.W. Mfg. Co., Buffalo, N. Y.

Murlin Mfg. Co., Phila., Pa.  
 National Electric Products Corp., Pittsburgh, Pa.  
 Pittsburgh Valve & Fittings Co., Barberton, O.  
 Rattan Mfg. Co., New Haven, Conn.  
 Roach-Appleton Mfg. Co., South Bend, Ind. "Raco"  
 Steel City Electric Co., Pittsburgh, Pa. "Star"  
 Thomas & Betts Co., Elizabeth, N. J. "Slip-In," "T & B"  
 Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

**STUFFED ANIMALS, Toy—See Animals, Toy, Stuffed**

**STUFFED DOLLS—See Dolls, Stuffed**

### STUFFERS, Sausage

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa. "Enterprise"  
 Holwick, B. C., Canton, O. (Electric)  
 Landers, Frary & Clark, New Britain, Conn.  
 Murray Iron Wks., Co., Burlington, Ia.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Salem Tool Co., Salem, O. "Silver," "Wagner"  
 Smith's (John E.) Sons Co., Buffalo, N. Y. "Buffalo"

United Steel & Wire Co., Battle Creek, Mich.

### STUMP PULLERS—See Pullers, Stump

**SUBMARINES, Toy—See Boats, Toy, Mechanically Operated**

**SUB-SOIL IRRIGATORS—See Irrigators, Sub-soil**

**SUBSTITUTE STAINED GLASS—See Stained Glass Substitute**

**SUB-SURFACE IRRIGATORS—See Irrigators, Sub-Soil**

**SUCTION & BLOWING EQUIPMENT—See Equipment, Blowing & Suction, Electric, Portable**

**SUCTION SWEEPERS—See Cleaners, Vacuum**

**SUCTION TYPE CAR TOP CARRIERS—See Carriers, Car Top, Suction Type**

**SUGAR CANE MILLS—See Mills, Sugar and Sugar Cane**

**SUGAR & CREAM SETS—See Sets, Sugar and Cream**

**SUIT CASE HARDWARE—See Hardware, Suit Case**

**SUIT CASE LOCKS—See Locks, Suit Case**  
**SUITS, Base Ball—See Uniforms, Base Ball**

### SUITS, Bathing

American Knitting Co., Honesdale, Pa.  
 Asbury Mills, 200 Madison Av., New York, N. Y. "Sunkist"  
 Gantner & Mattern Co., 461 Mission, San Francisco, Cal.  
 General Athletic Products Co., Greenville, O.  
 Goldsmith (P.) Sons Inc., John & Findlay, Cincinnati, O.  
 Indera Mills Co., Winston-Salem, N. C.  
 Jantzen Knitting Mills, Portland, Ore.  
 Post Mfg. Co., 150 Lafayette, New York, N. Y.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Swimsafe Products Co., Chattanooga, Tenn.  
 United States Rubber Co., 1230 6th Av., New York, N. Y. "Lasterx"

### SUITS, Children's, Play

Briskie, S., 779 B'way, New York, N. Y.  
 Keystone Bros., 755 Mission, San Francisco, Cal.  
 Morand (A. C.) Corp., 202 Green, San Francisco, Cal.

Sackman Bros. Co., 200 5th Av., New York, N. Y. "Yankiboy"

Simon (E.) & Son, New Orleans, La.

**SUITS, Foot Ball—See Uniforms, Foot Ball**

**SUN DIALS—See Dials, Sun**

### SUNSKREEN, Fur Farm

Edwards Mfg. Co., Cincinnati, O.

### SUPPLIES, Dairy

Johnson & Johnson, Dairy Filter Prod. Div., New Brunswick, N. J. "RAPID-FLO" (Milk Filter Discs)  
 Manning Mfg. Co., Rutland, Vt.  
 Metal Sponge Sales Corp., 2726 N. Mascher, Phila., Pa. "Dairy Bacteria Chaser," "Gottschalk's"  
 Reeve & Mitchell Co., Phila., Pa. (Disc Strainers)  
 Schwartz Mfg. Co., Two Rivers, Wis. "Perfection" (Milk Filter Disc)  
 Specialty Brass Co., Kenosha, Wis.

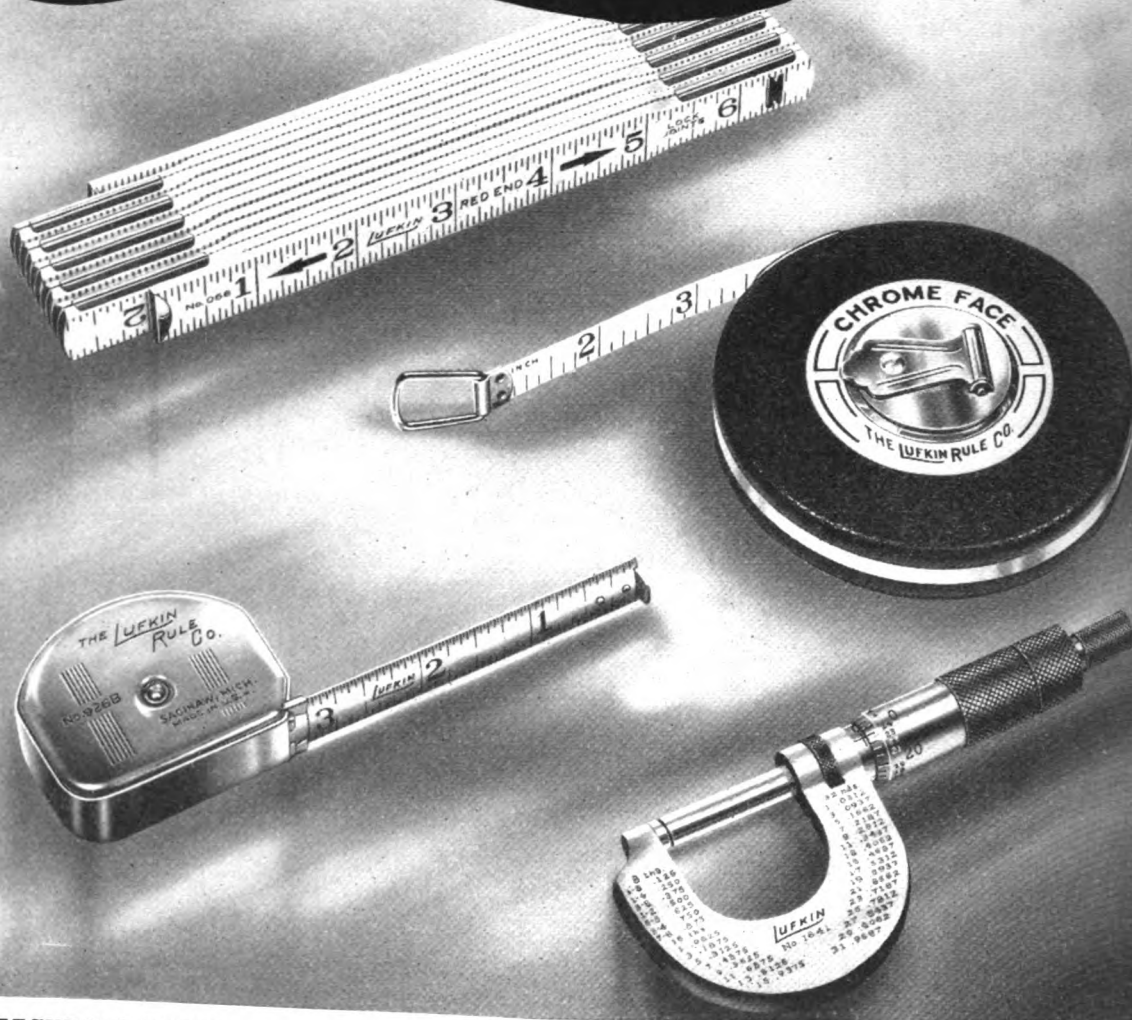
**SUPPLIES & FITTINGS, Taxidermists—See Taxidermists' Fittings and Supplies**

### SUPPLIES, Kitchen, Hotel and Restaurant

Aldrich Mfg. Co., Buffalo, N. Y.  
 Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)  
 Columbia Enameling & Stamping Co., Terre Haute, Ind. (Enameled and Stainless Steel)  
 Lalance & Grosjean Corp., Woodhaven, L. I., N. Y. "Crusader Ware" (Allegheaney Metal)  
 Majestic Mfg. Co., St. Louis, Mo. "Majestic"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 United States Stamping Co., Moundsville, W. Va.  
**SUPPLIES, Plumbers—See article desired**  
**SUPPLIES, Poultry—See Poultry Supplies; also article desired**



# LUFKIN TAPES RULES & PRECISION TOOLS



## MEASURING TAPES:

Chrome Face Steel  
Steel and Stainless Steel  
Metallic and other Woven  
Tapes  
Engineers  
Oil Gaging  
Surveyors Chain  
Pocket

## MISC. ITEMS:

Glass Cutting Boards  
"L" and "T" Squares  
Boot Calks

## TAPE-RULES:

"Mezurall"  
"Aristocrat"  
"Wizard"  
"Wizard Jr."  
"Crescent"  
"Crescent Jr."  
"Do-Nut"  
Stainless "Crescent"  
Stainless "Wizard Jr."

## RULES:

"Red End" and other Spring  
Joint  
Aluminum Folding  
Boxwood and Caliper  
Hickory Board and Log  
Steel and Brass  
Manual Training  
Extension  
Tinner's  
Tailors  
Counter  
Bench

## PRECISION TOOLS:

Micrometers  
Calipers and Dividers  
Combination and other  
Squares  
Test Indicators  
Steel Scales  
Gages:  
Depth, Center, Thickness,  
Screw Pitch, Telescoping,  
Planer, Radius, Surface.  
Tool Chests

CATALOGS SUPPLIED ON REQUEST

SAGINAW, MICHIGAN

**THE LUFKIN RULE CO.**

New York City

Mention Hardware Age When Writing

Digitized by Google

# SUPPLIES and TOOLS, Locksmiths'

Collet, A. M., 19 N. W. Miami Court, Miami, Fla.  
Graham Mfg. Co., Derby, Conn.  
Independent Lock Co., Fitchburg, Mass.  
Stewart (F. W.) Mfg. Corp., 344 W. Huron, Chicago, Ill. "Circle Ess"  
Yale & Towne Mfg. Co., Stamford, Conn. "Yale"

# SUPPORTERS, Ankle

Braser Bros., Inc., St. Louis, Mo. "Moose Brand"  
Collis (H. J.) Mfg. Co., Taunton, Mass.  
Goldsmith (P.) Sons Inc., John & Findlay, Cincinnati, O.  
Graton & Knight Co., Worcester, Mass.  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Lane Mfg. Co., Rockland, Mass.  
Martin Bros., Middleboro, Ky.  
Orthopedic Appliance Co., Milwaukee, Wis.  
Rawlings Mfg. Co., St. Louis, Mo.  
Rome Sporting Goods Mfg. Co., Rome, N. Y.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.

# SUPPORTERS, Athletic

Brewer & Co., Inc., Worcester, Mass.  
Collis (H. J.) Mfg. Co., Taunton, Mass.  
General Athletic Products Co., Greenville, O.  
Goldsmith (P.) Sons Inc., John & Findlay, Cincinnati, O.  
Lane Mfg. Co., Rockland, Mass.  
Martin Bros., Middleboro, Ky.  
Orthopedic Appliance Co., Milwaukee, Wis.  
Rawlings Mfg. Co., St. Louis, Mo.  
Rome Sporting Goods Mfg. Co., Rome, N. Y.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Ware (Walter F.) Co., Phila., Pa.  
Warren Leather Goods Co., Worcester, Mass.

**SUPPORTERS, Gutter, Roof—See Hangers, Eaves  
Trough and Conductor Pipe**

**SUPPORTERS, Jock—See Straps, Jock**

# SUPPORTS, Shelf

(See also Brackets, Shelf; also Racks, Shelf)  
American Cabinet Hardware Corp., Rockford, Ill.  
"Amerock"  
Corbin, P. & F., New Britain, Conn.  
Greene (G. G.) Mfg. Co., Warren, Pa.  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Keeler Brass Co., Grand Rapids, Mich.  
Knappe & Vogt Mfg. Co., Grand Rapids, Mich.  
National Brass Co., Grand Rapids, Mich. "Dexter"  
National Lock Co., Rockford, Ill.  
Reading Hdw. Corp., Reading, Pa.  
Russell & Erwin Mfg. Co., New Britain, Conn.  
"Ruswin"  
Safe Padlock & Hardware Co., Lancaster, Pa.  
Sargent & Co., New Haven, Conn.  
United States Glass Co., Pittsburgh, Pa.  
Warren (J. D.) Mfg. Co., Montpelier, O.  
Weber-Knapp Co., Jamestown, N. Y.  
Yale & Towne Mfg. Co., Stamford, Conn.

# SUPPORTS, Table Leaf

American Cabinet Hardware Corp., Rockford, Ill.  
"Amerock"  
Greene (G. G.) Mfg. Co., Warren, Pa.  
Sargent & Co., New Haven, Conn. "Bradford"

# SUPPORTS, Wire, Plant and Shrub

Adams Co., Dubuque, Ia.  
Alexander (Geo. E.) & Son, Sunapee, N. H. (Tomato Vine)  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Cyclone Fence Co., Waukegan, Ill.  
Erickson (C. E.) Co., Inc., Des Moines, Ia. "Best-Ye"  
Gould & Olenia, Inc., 140 Liberty, New York, N. Y.  
M. & K. Metal Works, 1302 Yeon Bldg., Portland, Ore. "Handy"  
Michigan Wire Goods Co., Niles, Mich. "Androek"  
Miller (Robert E.) Inc., 35 Pearl, New York, N. Y. "Universal"  
Seed Filter & Mfg. Co., Inc., 348 B'way, New York, N. Y. "Seeco"  
Standard Fence Co., Oakland, Cal.  
Unadilla Silo Co., Inc., Unadilla, N. Y. "Adjusto"  
Universal Wire & Iron Co., 1350 N. 60th, Milwaukee, Wis. "Universal"

**SURF POLE DRIP SHIELDS—See Shields, Drip,  
Rubber Surf Pole**

**SURF ROD BUTT RESTS—See Rests, Butt, Rubber  
Surf Rod**

**SURFACE FILE HOLDERS—See Holders, Sur-  
face File**

**SURFACE FLUSH RECEPTACLES—See Recep-  
tacles, Flush**

**SURFACE GAGES—See Gages, Surface**

**SURFACE SNAP SWITCHES—See Switches, Sur-  
face, Snap, Electric**

**SURFACERS, FLOOR ELECTRIC—See Machines,  
Sanding and Surfacing, Floor, Electric**

**SURFACING COMPOUNDS—See Compounds, Sur-  
facing**

**SURFACING MACHINES, FLOOR, ELECTRIC—  
See Machines, Sanding and Surfacing, Floor,  
Electric**

**SURVEYING INSTRUMENTS—See Instruments,  
Mathematical and Surveying**

**SURVEYOR CHAINS—See Chains, Surveyor**

**SUSPENSORIES—See Supporters, Athletic**

# SUSTAINERS, Sash

Austral Sales Co., 101 Park Av., New York, N. Y.

# SWAGES, Upset

Atkins (E. C.) & Co., Indianapolis, Ind. "Ideal,"  
"Pribnow"  
Covel-Hanchett Co., Big Rapids, Mich.  
Daston (Henry) & Sons, Inc., (Tacony), Phila.,  
Pa.  
Simonds Saw & Steel Co., Fitchburg, Mass.

# SWATTERS, Fly

Artwire Creations, Inc., 104 W. 17th, New York,  
N. Y.  
Auburn Rubber Corp., Auburn, Ind. "Air-Flo,"  
"Butterfly," "Lotus," "No-Mar," "Peacock"  
Drake (A. W.) Companies, 540 Security Bldg.,  
Pasadena, Calif.  
Erickson (C. E.) & Co., Des Moines, Ia. (Adv.)  
Gatch Wire Goods Co., 801 Buren, Baltimore, Md.  
Hoaglin, F. L., Waupaca, Wis. "Badger"  
Lubbers & Bell Mfg. Co., Clinton, Ia. "Bingo,"  
"Blackhawk," "Cellufiber," "Cellumesh," "Duro-  
mesh," "Fybermesh," "Koppermesh," "Kopper-  
spring," "Ri Rubber," "Samson," "Silvermesh,"  
"Silverspring," "Springmesh"  
Merrifield Co., Springvale, Me. "Champion"  
Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
Seiberling Latex Products Co., Akron, O.  
Tillinghast (B. C.) Rubber Co., Inc., Phila., Pa.  
"Wasson"  
Tongue (R. E.) & Bros. Co., Inc., Allegheny Av. &  
Amber, Phila., Pa. "Big Chief," "Rajah"  
U. S. Mfg. Corp., Decatur, Ill. "Celo-Straw," "Kant-  
mar," "Kantima," "King," "National," "Prin-  
cess," "Queen," "Regal," "Ridge-Flex," "Royal,"  
"Swattem," "Swatmor," "Swatsticks"

**SWEAT PADS—See Pads, Horse Collar**

# SWEATERS

American Knitting Co., Honesdale, Pa.  
Bailey Knitting Mills, Fort Plain, N. Y.  
Bergman Knitting Mills (Germantown), Phila., Pa.  
Draper-Maynard Co., Plymouth, N. H.  
Gantner & Matern Co., San Francisco, Cal.  
General Athletic Products Co., Greenville, O.  
Hitchcock & Curtiss Knitting Co., Hartford, Conn.  
Imperial Knitting Co., Milwaukee, Wis.  
Lamb Knit Goods Co., Colon, Mich.  
Marinette Knitting Mills, Marinette, Wis.  
Rawlings Mfg. Co., St. Louis, Mo.  
Roper Knitting Co., Inc., Canandaigua, N. Y.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Union Mills, Inc., Hudson, N. Y.  
Webber, Geo. F., Detroit, Mich.

# SWEATERS, Dog

American Leather Specialties Corp., 26 W. 17th,  
New York, N. Y.  
Hand Knit Hosiery Co., Sheboygan, Wis.  
Imperial Knitting Co., Milwaukee, Wis.  
Tamalpa Knitters, 249 Manhattan Av., B'klyn, N. Y.

# SWEEPERS, Carpet

(See also Cleaners, Vacuum, Hand)  
Bissell Carpet Sweeper Co., Grand Rapids, Mich.  
"Century," "Coronation," "Elite," "Grand Rap-  
ids," "Queen," "Reliance," "Silver Streak,"  
"Sweepmaster," "Utility," "Vanity"  
Landers, Frary & Clark, New Britain, Conn. "O-  
Pan-Top"  
Modern Carpet Sweeper Co., Inc., 17 Rush, Bklyn.,  
N. Y.  
Porter Steel Specialties, Inc., Shelbyville, Ind.  
"Blackhawk," "Eagle," "Man O' War," "May-  
fair," "Oriole," "Porter-Royal," "Puritan,"  
"Thrush"  
Sterling Sweeper Co., Holland, Mich. "Hygeno,"  
"Lustro," "Sterling"  
Toledo Stamping & Mfg. Co., 97 Fearing Blvd.,  
Toledo, O. "Glider," "Karpentnight," "Zephyr"  
Turner (John C.) Corp., Wapakoneta, O. "Glider,"  
"Karpent Night," "Tidy Sweep"  
Vital Products Mfg. Co., 7500 Quincy Av., Cleve-  
land, O.  
Wagner (E. R.) Mfg. Co., 4611 No. 32nd, Milwau-  
kee, Wis. "Komb-Kleaned"

# SWEEPERS, Carpet, Toy

Bissell Carpet Sweeper Co., Grand Rapids, Mich.  
"Little Gem," "Little Helper," "Little Queen"  
Hoge Mfg. Co., Inc., 200 5th Av., New York, N. Y.  
"Busy Betty"  
Wolverine Supply & Mfg. Co., Pittsburgh, Pa.  
"Sandy Andy"

# SWEEPERS, Floor, Factory

Springfield Lawn Sweeper Co., Springfield, O.  
"Springfield"

# SWEEPERS, Lawn

Pennsylvania Lawn Mower Wks., Inc., Primos,  
Del. Co., Pa.  
Springfield Lawn Sweeper Co., Springfield, O.  
"Springfield," "Springfield Fairway"

**SWEEPERS, Vacuum—See Cleaners, Vacuum**

**SWEEPING COMPOUNDS—See Compounds, Sweep-  
ing**

**SWEEPING PANS—See Pans, Dust**

**SWEET CORN HOLDERS—See Holders, Corn-on-  
Cob**

**SWIMMING BARS—See Bars, Swimming**

**SWIMMING DEVICES—See Water Wings; also  
Tubes, Swimming**

**SWIMMING GOGGLES—See Goggles, Swimming**

**SWIMMING POOL EQUIPMENT—See Equipment,  
Swimming Pool**

**SWIMMING TUBES—See Tubes, Swimming**

**SWINGING BLACKBOARDS—See Blackboards,  
Swinging**

# SWINGS, Baby

Birchcraft, Inc., Waukesha, Wis.  
Gem Mfg. Corp., Bascom, O.  
Goshen Mfg. Co., Goshen, Ind.  
International Mfg. Co., 712 Beacon, Boston, Mass.  
"Tracto"  
North Vernon Lumber Co., North Vernon, Ind.  
Perfection Mfg. Co., St. Louis, Mo. "Rock-a-Bye"  
Queen Mfg. Co., 2600 N. Western Av., Chicago, Ill.

# SWINGS, Children's

Algoma Net Co., Inc., Algoma, Wis. "Trumaid"  
American-Acme Co., Emigsville, Pa.  
American-National Co., Toledo, O.  
Arch-Horne Co., 25 West B'way, New York, N. Y.  
Bath Essentials Corp., 2082 First Av., New York,  
N. Y. "Easy-Fast"  
Bryan Equipment Co., Bryan, O. "Air-Plane"  
Everwear Mfg. Co., Springfield, O.  
Folding Furniture Wks., Stevens Point, Wis.  
Gem Mfg. Corp., Bascom, O. "Little Gem"  
Gendron Wheel Co., Toledo, O.  
Kiddle Gym Corp., Elizabeth, N. J.  
Medart (Fred) Mfg. Co., St. Louis, Mo.  
Newark Steel Post Co., 10 White, West Orange,  
N. J. "Safe-Ply"  
Pal-Mos Mfg. Co., 2191 W. 59th, Cleveland, O.  
"Pal-Mos"  
Pratt Corp., Coldwater, Mich.  
Standard Pressed Steel Co., Jenkintown, Pa.  
Steel Basket & Mfg. Co., Cedar Rapids, Ia.

# SWINGS, Doll

Cass (N. D.) Co., Athol, Mass.  
Gem Mfg. Corp., Bascom, O.

# SWINGS, Lawn

American-Acme Co., Emigsville, Pa.  
Appleton Toy & Furniture Co., Appleton, Wis.  
Davis & Siehl Co., Cincinnati, O.  
Eureka Mower Co., Utica, N. Y.  
Gem Mfg. Corp., Bascom, O.  
Giant Mfg. Co., Council Bluffs, Ia.  
Goshen Churn & Ladder Co., Goshen, Ind.  
Goshen Mfg. Co., Goshen, Ind.  
Indiana Deck Co., Dubois, Ind.  
Logan Co., Louisville, Ky.  
Mordt Co., Chicago, Ill.  
North Vernon Lumber Mills, North Vernon, Ind.  
Paris Mfg. Co., South Paris, Me.  
Williams Mfg. Co., Macon, Ga. "So-Easy"  
Young (J. O.) Co., Springfield, Mass.

# SWINGS, Porch

Appleton Toy & Furniture Co., Appleton, Wis.  
Austell Cabinet Co., Austell, Ga.  
Gem Mfg. Co., North Girard, Pa.  
Goshen Churn & Ladder Co., Goshen, Ind.  
Goshen Mfg. Co., Goshen, Ind.  
Holden (A. S.) Inc., Cleveland, O.  
Hunt Spring Bed Co., Chattanooga, Tenn.  
Logan Co., Louisville, Ky.  
North Vernon Lumber Mills, North Vernon, Ind.  
Pratt Corp., Coldwater, Mich.  
St. Charles Net & Hammock Co., St. Charles, Ill.  
Standard Novelty Wks., Duncannon, Pa.  
Williams Mfg. Co., Macon, Ga.

**SWISS PATTERN FILES—See Files, Swiss Pat-  
tern**

**SWITCH LOCATORS—See Locators, Switch**

**SWITCH PLATES, Flash—See Plates, Flash Switch**

**SWITCH TIME CLOCKS—See Clocks, Time,  
Switch**

# SWITCHES, Baby Knife

Armstrong & White, Pittsburgh, Pa. "A & W"  
Bryant Electric Co., Bridgeport, Conn.  
Circle F Mfg. Co., Trenton, N. J.  
Connecticut Electric Mfg. Co., Bantam, Conn.  
Cutler-Hammer, Inc., Milwaukee, Wis.  
Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
General Electric Co., 1285 Boston Av., Bridgeport,  
Conn. "G-E"  
Knox Porcelain Corp., Knoxville, Tenn.  
Leviton Mfg. Co., Greenpoint Av., Brooklyn, N. Y.  
Monowatt Electric Corp., 570 Lexington Av., New  
York, N. Y.  
Morse (Frank W.) Co., 301 Congress, Boston, Mass.  
"Morse Eureka"  
Paulding (John I.), Inc., New Bedford, Mass.  
Trumbull Electric Mfg. Co., Plainville, Conn.  
"Circle T"  
United States Electric Mfg. Corp., 222 W. 14th,  
New York, N. Y. "Usalite"

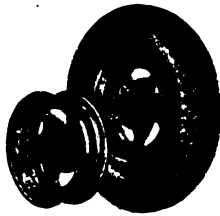
# SWITCHES, Ceiling Pull, Electric

Arrow-Hart & Hegeman Electric Co., Hartford,  
Conn. "H & H"  
Bryant Electric Co., Bridgeport, Conn. "Perkins"  
Connecticut Electric Mfg. Co., Bantam, Conn.  
Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.

## The FASTEST Selling Line of WHEELBARROW WHEELS



Thousands of Wheelbarrow owners in your territory will be eager to enjoy the many advantages of French & Hecht Rubber Tired Wheelbarrow Wheels. They save time and effort, protect lawns and floors, are built to LAST and COST but LITTLE.



### HEAVY DUTY WHEEL 4.00 x 8" Tire with Inner Tube

Wheel	Tire	Ply	Pressure	Load Lbs.	Bearings
Heavy Duty	4.00 x 8" Tire with Inner Tube (16" outside Diam.)	2	35	450	Plain
Drop Center		4	55	650	Plain
Rim		2	35	450	Roller
		4	55	650	Roller

Available in Many Types and Sizes.

WRITE for CATALOG

Available for the following axle sizes: 6"x5/8", 7"x5/8", 7 1/2"x5/8", 3"x3/4", 7"x3/4", 7 1/2"x3/4", 7 1/2"x1/2", 7 1/2"x1", 7 1/2"x1 1/8", 7 1/2"x1 1/4", 4 1/4"x1 1/4". (Also 10 1/2"x5/8" Plain.)



**A COMPLETE LINE**  
Our wide range of sizes and types in Solid Rubber, Semi-Pneumatic and Full Pneumatic Tired Wheels enable you to meet every requirement of your trade. Descriptions and Prices on Request.

**FRENCH & HECHT, INC.** 401 East Third St. DAVENPORT, IOWA.

## AIR-TIRED WHEELBARROW WHEELS

**PUT ME ON THE SALES  
FORCE, BOSS, AND  
I'LL CLEAN UP!**



This display card stands 7 inches high. The Mesh Maid itself is 3 1/2 by 2 1/2 inches.

Yessir, Boss, I'm just the kitchen cleaner you are looking for. I'm made of strong, non-splintering, metallic mesh to fit the fingers. I'll do all of anybody's scouring for a year or more. (I can pare potatoes and vegetables, too.) I'm a natural self-seller. I'm being advertised. And I sell for a quarter.

Ask your regular suppliers for the MESH MAID; or write for full particulars to Dept. H. 1., WHITING & DAVIS CO., Plainville, Mass.

**I'M THE  
MESH MAID**

By the makers of Whiting and Davis Mesh Bags

## A Jack for Every Job and Many Jobs for Every Jack!

Hundreds of models in Sizes for Every  
Need of Home, Industry and Agriculture

Simplex Jacks are safer, stronger and easier to operate and yet cost no more. Simplex Jacks are the most widely advertised. That is why more Simplex Jacks are sold.



No. 22, one of many Simplex Automatic Lifting and Lowering Jacks. Quickly lift and hold 10 tons on cap or toe. Lift full 12". Double socket for close-quarter jacking. Gold Medal Award for Safety operating mechanism.

Beside the standard Screw Jacks and Lever Jacks shown, there are dozens of special Simplex Jacks for Contractors, Railroads, Mines, Utilities, Machine Shops, Oil Fields, Airports, Cotton Warehouses and other industries and the UTIL-A-TOOL, jack-tool of a thousand uses, that pushes, pulls, clamps, lifts, tensions and pulls plate and spoked wheels, pulleys and pinions.

Write for Catalog.

**TEMPLETON, KENLY & CO.**  
1020 S. Central Ave., Chicago, Illinois



Simplex Malleable Base, Ball Bearing Screw Jacks have self-leveling cap, safety people in base and eight other exclusive features. Made in 38 sizes with 4-way head; 19 sizes with ratchet type head.

## SIMPLEX Jacks

Awarded the Gold Medal for Safety



## Wilbow THE NAME TO

**QUALITY RUBBER  
PLUMBING SUPPLIES  
and HOUSEHOLD FURNISHINGS**

Modernly Packaged for Quick  
Identification and Easy Sales!

WRITE FOR COMPLETE CATALOG

**37 YEARS OF SERVICE  
TO THE HARDWARE INDUSTRY**

**THE WILLIAMS-BOWMAN RUBBER COMPANY**

1939 South 54th Avenue  
CICERO, ILLINOIS



Mention Hardware Age When Writing



**SWITCHES, Ceiling Pull, Electric**  
(Continued)

General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Hubbell (Harvey), Inc., Bridgeport, Conn.  
Pass & Seymour, Inc., Syracuse, N. Y. "P & S"  
Weber Electric Co., Schenectady, N. Y.

**SWITCHES, Clock Controlled—See Clocks, Time Switch****SWITCHES, Coin Operated**

International Register Co., 15 S. Throop, Chicago, Ill. "Meter-Matic"  
Welcome Meter Co., Pasadena, Cal.

**SWITCHES, Cord, Electric**

American Automatic Electric Sales Co., 1033 W. Van Buren, Chicago, Ill. "Ajax"  
Arrow-Hart & Hegeman Electric Co., Hartford, Conn. "H & H"  
Bryant Electric Co., Bridgeport, Conn. "Perkins"  
Circle F Mfg. Co., Trenton, N. J.  
Connecticut Electric Mfg. Co., Bantam, Conn.  
Cutler-Hammer, Inc., Milwaukee, Wis. "C-H"  
"Reynolds"  
Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
Eagle Electric Mfg. Co., Inc., 59 Hall, Brooklyn, N. Y.  
Jaynor Electric Co., Bridgeport, Conn.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Hubbell (Harvey), Inc., Bridgeport, Conn.  
Marks Products Co., Inc., 84 N. 9th, B'klyn, N. Y. "Snapit"  
Pass & Seymour, Inc., Syracuse, N. Y. "P & S"  
Tadpole Mfg. Co., Emmaus, Pa.  
Weber Electric Co., Schenectady, N. Y.

**SWITCHES, Fixture, Electric**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn. "H & H"  
Bryant Electric Co., Bridgeport, Conn.  
Circle F Mfg. Co., Trenton, N. J.  
Jole (Henry) Co., Boston, Mass.  
Cutler-Hammer, Inc., Milwaukee, Wis. "C-H"  
Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Leviton Mfg. Co., Greenpoint Av., Brooklyn, N. Y.  
McGill Mfg. Co., Valparaiso, Ind. "Levolier"  
Pass & Seymour, Inc., Syracuse, N. Y. "P & S"  
Weber Electric Co., Schenectady, N. Y.  
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

**SWITCHES, Flush, Push, Electric**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn. "H & H"  
Benjamin Electric Mfg. Co., Des Plaines, Ill.  
Bremmer Electric Mfg. Co., Phila., Pa. "Circle B"  
Bryant Electric Co., Bridgeport, Conn. "Perkins"  
Circle F Mfg. Co., Trenton, N. J.  
Connecticut Electric Mfg. Co., Bantam, Conn.  
Cutler-Hammer, Inc., Milwaukee, Wis. "C-H"  
Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Hubbell (Harvey), Inc., Bridgeport, Conn.  
Jell (Francis) & Son, 401 E. 163d, New York, N. Y.  
Monowatt Electric Corp., 570 Lexington Av., New York, N. Y.  
Morse (Frank W.) Co., 301 Congress, Boston, Mass. "Morse Eureka"  
Pass & Seymour, Inc., Syracuse, N. Y. "P & S"  
Paudling (John I.), Inc., New Bedford, Mass.  
Standard Electric Mfg. Co., Chicago, Ill.  
United States Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usalite"  
Weber Electric Co., Schenectady, N. Y.

**SWITCHES, Flush Toggle, Electric**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn. "H & H"  
Bremmer Electric Mfg. Co., Phila., Pa. "Circle B"  
Bryant Electric Co., Bridgeport, Conn.  
Circle F Mfg. Co., Trenton, N. J.  
Connecticut Electric Mfg. Co., Bantam, Conn.  
Connecticut Telephone & Electric Corp., Meriden, Conn. "Cetec"  
Cutler-Hammer, Inc., Milwaukee, Wis. "C-H"  
Deal Electric Co., Inc., 338 Berry, Bklyn., N. Y.  
Jaynor Electric Co., Bridgeport, Conn.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Hubbell (Harvey), Inc., Bridgeport, Conn.  
Leviton Mfg. Co., Greenpoint Av., Brooklyn, N. Y.  
Marks Products Co., Inc., 84 N. 9th, B'klyn, N. Y. "Snapit"  
Monowatt Electric Corp., 570 Lexington Av., New York, N. Y.  
Morse (Frank W.) Co., 301 Congress, Boston, Mass. "Morse Eureka"  
Pass & Seymour, Inc., Syracuse, N. Y. "P & S"  
Paudling (John I.), Inc., New Bedford, Mass.  
Standard Electric Mfg. Co., Chicago, Ill.  
Hubball Electric Mfg. Co., Plainville, Conn.  
United States Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usalite"  
Weber Electric Co., Schenectady, N. Y.

**SWITCHES, Foot, Electric**

Alton Co., 100 Allyn, Hartford, Conn. "Leeds," "Third Hand"

**SWITCHES, Range, Electric**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn. "H & H"  
Bryant Electric Co., Bridgeport, Conn. "Perkins"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"

**SWITCHES, Surface, Snap, Electric**

Arrow-Hart & Hegeman Electric Co., Hartford, Conn. "H & H"  
Benjamin Electric Mfg. Co., Des Plaines, Ill.  
Bryant Electric Co., Bridgeport, Conn. "Perkins"  
Circle F Mfg. Co., Trenton, N. J.  
Connecticut Electric Mfg. Co., Bantam, Conn.  
Deal Electric Co., Inc., 338 Berry, Bklyn, N. Y.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Hubbell (Harvey), Inc., Bridgeport, Conn.  
Marks Products Co., Inc., 84 N. 9th, B'klyn, N. Y. "Snapit"  
Monowatt Electric Corp., 570 Lexington Av., New York, N. Y.  
Pass & Seymour, Inc., Syracuse, N. Y. "P & S"  
Paudling (John I.), Inc., New Bedford, Mass.  
Standard Electric Mfg. Co., Chicago, Ill. "National"  
United States Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usalite"  
Weber Electric Co., Schenectady, N. Y.

**SWITCHES, Timing, Automatic Cutout**

Measured Time, Inc., La Porte, Ind. "Hawkeye"  
Stromberg Electric Co., 223 W. Erie, Chicago, Ill.  
Thompson (N. C.) Clock Co., Bristol, Conn. "Kwik-set"  
Tork Clocks, Inc., 31 South, Mt. Vernon, N. Y.  
SWIVEL BASE VISES—See Vises, Machinists'  
SWIVEL SNAPS—See Snaps, Swivel

**SWIVELS, Chain**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn. "Brown," "Triumph"  
Brooks (M. S.) & Sons, Chester, Conn.  
Cleveland Chain & Mfg. Co., Cleveland, O.  
Columbus-McKinnon Chain Co., Tonawanda, N. Y.  
Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2784 Tennyson Rd., S. E., Cleveland, O.  
International Chain & Mfg. Co., York, Pa. "Campbell"  
Laughlin (Thos.) Co., 199 Fore, Portland, Me. (Drop Forged)  
McKay Company, McKay Bldg., Pittsburgh, Pa.  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
Moline Iron Wks., Moline, Ill.  
Peerless Chain Co., Winona, Minn.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Taylor (S. G.) Chain Co., Hammond, Ind. "Taylor-Made"  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Warren Axe & Tool Co., Warren, Pa.  
Wilcox-Crittenden & Co., 77 S. Main, Middletown, Conn.

**SWIVELS, Fishing, Box and Barrel**

Enterprise Mfg. Co., Dept. HA, Akron, O.  
Knowles (S. E.) Co., San Francisco, Cal.  
South Bend Bait Co., South Bend, Ind.  
Sutton Co., Naples, N. Y.

**SYNTHETIC CHAMOIS—See Chamois, Synthetic****SYNTHETIC RESINS—See Resins, Synthetic****SYNTHETIC RUBBER GLOVES—See Gloves, Rubber, Synthetic****SYPHON FILTERS—See Filters, Syphon****SYPHONS**

Atlantic Tubing & Rubber Co., Providence, R. I.  
Goldstar Products, Inc., Detroit, Mich.  
Hodgman Rubber Co., Framingham, Mass. "Fast Flow"  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
Lee Tire & Rubber Co., Conshohocken, Pa.  
Prattish Wahers Products Co., Wisconsin Rapids, Wis. "Preway"  
Scott Pump Co., Rochester, N. Y. (Gasoline)  
Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Perfo-Siphon"

**SYPHONS, Carbonated**

Kidde (Walter) Sales Co., 60 West, Bloomfield, N. J. "Soda King"  
Sparklets Devices, Inc., Div. Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo.

**SYSTEMS, Control, Key**

Moore (P. O.), Inc., 300 Fourth Av., New York, N. Y. "TelKee"

**SYSTEMS, Lubricating**

American Chain & Cable Co., Inc., York, Pa. "Acco-Morrow"  
Cincinnati Ball Crank Co., Oakley, Cincinnati, O. "Balcrank"  
Lincoln Eng. Co., 5701 Natural Bridge Av., St. Louis, Mo. "Lincoln," "Lubriguns"  
Stewart-Warner Corp., 1828 Diversy Parkway, Chicago, Ill. "Alemitte"

**SYSTEMS, Overhead Conveyor—See Trolleys and Trolley Tracks, Overhead****SYSTEMS, Water Supply—See Water Supply System, Deep and Shallow Well. Also see Water Supply System, House, Automatic****"T" HINGES—See Hinges, Strap and "T"****"T" HOOKS—See Hooks, "T"****"T" IRON—See Steel or Iron, Angle, Channel and "T"****"T" SQUARES—See Squares, Steel "T"****"T" STEEL—See Steel or Iron, Angle, Channel and "T"****TABLE BEETLE WARE—See Ware, Molded, Plastic****TABLE BRACKETS—See Brackets, Table****TABLE CLOTHS—See Cloths, Table, Fabric****TABLE CORNERS—See Corners, Box, Chest and Table****TABLE GLASSWARE—See Ware, Glass, Table****TABLE HINGES—See Hinges, Table****TABLE KNIVES—See Ware, Table, Flat****TABLE KNIVES AND FORKS—See Knives and Forks, Table****TABLE LEAF SUPPORTS—See Supports, Table Leaf****TABLE LEG BRACES—See Braces, Leg, Table****TABLE MATS—See Mats, Table****TABLE OILCLOTH—See Oilcloth, Table and Shelf****TABLE PADDING—See Mats, Table****TABLE SAWS—See Tools, Homocraft, Electric****TABLE STOVES—See Stoves, Table****TABLE TENNIS BALLS—See Balls, Table Tennis****TABLE TENNIS GAMES—See Games, Table Tennis****TABLE TENNIS NETS—See Nets, Table Tennis****TABLE TENNIS RACKETS—See Rackets, Table, Tennis****TABLE TOPS—See Tops, Table, Enamelled****TABLE UTENSILS—See article desired****TABLE WARE—See Ware, Glass, Table****TABLES, Billiard and Pool, Children's**

Brunswick-Balke-Collender Co., Inc., 623 S. Wabash Av., Chicago, Ill. "Junior Playmate"  
Burrowes Corp., Portland, Me.  
Fuld, Wm., Baltimore, Md.  
Mason & Parker Mfg. Co., Winchendon, Mass.  
Miller (M. H.) Co., Inc., Jeannette, Pa.

**TABLES, Card and Folding**

Bridge Tables, Inc., Lowell, Mass. "Hercules"  
Burrowes Corp., Portland, Me.  
Carrom Co., Ludington, Mich. "Acme," "Peerless"  
Clark (J. R.) Co., Minneapolis, Minn. "Rid-Jid"  
Dillingham Mfg. Co., Sheboygan, Wis.  
Gold Medal Folding Furniture Co., Racine, Wis. "Badger"  
Harrison (B. J.) Mfg. Co., Inc., Arkville, N. Y.  
Lorraine Metal Mfg. Co., Inc., Bridgeport, Conn. "Leg-o-Matic"  
Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.  
McGrew Machine Co., Lincoln, Neb. "Lincoln"  
Nappanee Lumber & Mfg. Co., Nappanee, O.  
National Wood Products Co., Milwaukee, Wis.  
Norcor Mfg. Co., Green Bay, Wis.  
Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.  
Rastetter (Louis) & Sons, Fort Wayne, Ind. "Kumfy," "Solid Kumfort"  
Readboro Chair Co., Readsboro, Vt.  
Stark (James E.) Co., 25 Plum, Memphis, Tenn.  
Stoll Mfg. Co., Denver, Colo.  
Telescope Folding Furniture Co., Granville, N. Y.  
Trestle Mfg. Co., Lockport, N. Y. "Kompak"  
Tucker Duck & Rubber Co., Fort Smith, Ark. "Peerless," "Tuckway"

**TABLES, Display**

Berger Mfg. Co. Div. Republic Steel Corp., Dayton, O. "Berloy"  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill.  
Reflector Hardware Corp., Western Av. & 22nd Place, Chicago, Ill.  
Stark (James E.) Co., 25 Plum, Memphis, Tenn.  
Universal Equipment Co., 3601 Arthington, Chicago, Ill.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**TABLES, Electrical Appliance**

Palley Mfg. Co., 1019 Bidwell, Pittsburgh, Pa.

**TABLES, FOLDING—See Tables, Card and Folding****TABLES, Ironing**

(See also Boards, Ironing)  
Archbold Ladder Co., Archbold, O.  
Bater Mfg. Co., Wooster, O. "E-Z Hour," "Hi-Lo"  
Bedell Mfg. Co., Marion, Ind.  
Berg (John) Mfg. Co., Chicago, Ill.  
Bicknell (J. F.) Lumber Co., Worcester, Mass.  
Brewer-Titchner Corp., Cortland, N. Y. "Hostess"

# Get in on the swing to **Russell KINGWOOD**

## HOLLOW GROUND Kitchen Cutlery

Many stores are making plenty profit on displays of these very popular-price items.  
For a small investment you can now pick the display that suits your pocketbook.

PICK ONE AND TRY IT



← **No. K18-HG Dealer Assortment — All Hollow Ground**  
Packed in sturdy, orange or blue display box.  
No charge over bulk packing for display unit.

An All-knife Assortment 18 Pieces List \$16.00

1/2 doz. No. 426-HG Handy  
1/2 doz. No. 418-HG 8" Lunch Slicer  
1/2 doz. No. 4417-HG 7" Butcher

### RUSSELL HOLLOW GRIND

A true concave grind, fastest cutting, easiest to keep sharp, most economical, when properly used.



**No. K48-HG Dealer Assortment — All Hollow Ground** →

Packed in colorful, orange easel back display box.  
No charge over bulk packing for display unit.

An All-knife Assortment—48 Pieces List—\$30.30 each

1 doz. No. 421-HG Paring 1/2 doz. No. 4417-HG 7" Butcher  
1 doz. No. 424-HG Paring 1/2 doz. No. 418-HG 8" Lunch Slicer  
1/2 doz. No. 426-HG Handy 1/2 doz. No. 4658-HG 8" Cooks' Slicer



← **No. K56-HG Dealer Assortment**

List \$35.50

Packed in colorful, orange easel back display box.  
No charge over bulk packing for display unit.

Includes all the hollow ground knives in the No. K48-HG All-knife Assortment and, in addition, a limited quantity of four other salable items, giving representation on all ten numbers comprising the Kingwood Line.

### The Assortment—56 Pieces

1 doz. No. 421-HG Paring 1/2 doz. No. 488 Spatula  
1 doz. No. 424-HG Paring 1/2 doz. No. 4417-HG Butcher  
1/2 doz. No. 428 Grapefruit 1/2 doz. No. 418-HG Slicer  
1/2 doz. No. 426-HG Handy 1/2 doz. No. 4658-HG Cooks' Slicer  
1/2 doz. No. 487 Fork 1/2 doz. No. 462 Bread

**Russell KINGWOOD Hollow Ground Kitchen Cutlery**  
is a full line — not limited to a few pieces

Paring Knife 1 doz. in bulk box. Each Per Doz.  
No. 421-HG Hollow Ground Standard Grind \$ .35 \$4.00  
No. 421

Grapefruit Knife 1 doz. in bulk box. Each Per Doz.  
No. 428 Serrated Edge \$ .35 \$4.20

Slicer—8-inch 1/2 doz. in bulk box. Each Per Doz.  
No. 418-HG Hollow Ground Standard Grind \$1.00 \$12.00  
No. 418

Paring Knife 1 doz. in bulk box. Each Per Doz.  
No. 424-HG Hollow Ground Standard Grind \$ .35 \$4.00  
No. 424

Fork No. 487 1/2 doz. in bulk box. Each Per Doz.  
\$ .75 \$9.00

Butcher Knife—7-inch 1/2 doz. in bulk box. Each Per Doz.  
No. 4417-HG Hollow Ground Standard Grind \$1.00 \$12.00  
No. 4417

No. 41-HG Hollow Ground Paring Knife Assortment  
1/2 doz. each No. 421-HG No. 424-HG List—\$4.20

Spatula No. 488 6 1/2-inch 1/2 doz. in bulk box. Each Per Doz.  
\$ .75 \$9.00

Cooks' Slicer—8-inch 1/2 doz. in bulk box. Each Per Doz.  
No. 4658-HG Hollow Ground Standard Grind \$1.00 \$12.00  
No. 4658

Handy Knife 1 doz. in bulk box. Each Per Doz.  
No. 426-HG Hollow Ground Standard Grind \$ .50 \$6.00  
No. 426

If your Jobber cannot supply send your order  
to us and we will refer it to our nearest Jobber

Bread Knife—8-inch 1/2 doz. in bulk box. Each Per Doz.  
No. 462 Wave Edge \$ .75 \$9.00

**Russell Harrington Cutlery Company, SOUTHBRIDGE, MASSACHUSETTS, U. S. A.**  
Mention Hardware Age When Writing

**TABLES, Ironing (Continued)**

Chicago Curtain Stretcher Co., 3725 S. May, Chicago, Ill. "Dependable"  
Clark (J. R.) Co., Minneapolis, Minn. "Duromaid," "Easy Fold," "Ironing Master," "Masterbilt," "Real Value," "Rid-Jid," "Rij-O-Matic," "Stansteady," "Steel-Craft Rid-Jid"  
Cliffingham Mfg. Co., Sheboygan, Wis.  
Gem Mfg. Corp., Bascom, O. "Best Made."  
"Leader," "Sol-lid," "Special"  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Met-L-Top"  
Handy Things Mfg. Co., Ludington, Mich.  
Howard Mfg. Co., Kent, Wash. "Automatic Safety," "Pacific Queen," "Safety," "Stanwell"  
Keller (H. V.) Mfg. Co., 501 Huron, S. E., Minneapolis, Minn. "Keller"  
Loulton Ladder Mfg. Co., Somerville, Mass.  
Nappanee Lumber & Mfg. Co., Nappanee, Ind.  
National Washboard Co., Chicago, Ill. "Universal"  
N. Y. Standard Mfg. Co., Inc., 91 Kent Av., Brooklyn, N. Y. "Standard Automatic"  
Paris Mfg. Co., South Paris, Me.  
Peria Ironing Board & Specialty Co., Ft. of East State, Peoria, Ill. "De Luxe Sturdy-Maid," "Faultless," "Special Laundry Queen,"  
Richmond Cedar Wks., Richmond, Va. "Majestic"  
Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, O. "Auto-Krat," "Buckeye," "Durex," "E-Z," "Mon-Ark," "Premier"  
Taunton Ladder Co., Taunton, Mass.  
Trestle Mfg. Co., Lockport, N. Y. "Kompak"  
Tucker-Dorsey Mfg. Corp., Indianapolis, Ind. "Roc-Bilt," "Sturdee"  
Tucker Duck & Rubber Co., Fort Smith, Ark.  
Idell Wks., Indianapolis, Ind.  
White Wood Products Co., Bogalusa, La.  
Woodenware Products Co., St. Louis, Mo. "Ace," "Dandy," "Ideal," "Marvel," "Regal," "Wizard," "Wunder"  
Young (J. O.) Co., Springfield, Mass.  
Young Bros., Worcester, Mass.

**TABLES, Kitchen**

Austell Cabinet Co., Austell, Ga.  
Blackstone Furniture Co., Inc., North Tonawanda, N. Y.  
Campbell-Smith-Ritchie Co., Lebanon, Ind.  
Daystrom Corp., Olean, N. Y.  
Cliffingham Mfg. Co., Sheboygan, Wis. (Porcelain Tops)  
East Tennessee Woodworking Co., Morristown, Tenn.  
Falcon Mfg. Co., Big Rapids, Mich.  
Globe-Bosse-World Furniture Co., Evansville, Ind.  
Hagerstown Furniture Co., Hagerstown, Md.  
Hagerstown Table Wks., Hagerstown, Md.  
Handy Chair & Table Co., Springfield, Mass.  
Hartmeier & Sons Co., Paterson, N. J.  
Hosier Mfg. Co., New Castle, Ind.  
Ingram-Richardson Mfg. Co., Beaver Falls, Pa.  
L. X. L. Furniture Co., Inc., Goshen, Ind.  
James & Kirtland, 101 Park Av., New York, N. Y. "White House"  
Lambeth Furniture Co., Thomasville, N. C.  
Manchester Furniture Co., Manchester, O.  
Manitowoc Church Furniture Co., Waukesha, Wis.  
Mooreville Furniture Co., Mooreville, N. C.  
Mutschler Bros. Co., Nappanee, Ind. "Porcelain-namel"  
Sellers (G. I.) & Sons Co., Elwood, Ind.  
Showers Bros. Co., Bloomington, Ind.  
Space Saving Furniture Co., 138 E. 34th, New York, N. Y. "Phillips"  
Spratt Chair Co., Atlanta, Ga.  
Vitreous Steel Products Co., Cleveland, O. "Vistro"

**TABLES, Lunch—See Tables, Picnic and Lunch**

**TABLES, Paper Hangers'**

Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
Hyde Mfg. Co., Southbridge, Mass.

**TABLES, Picnic and Lunch**

General Wood Products Co., Rockford, Ill. "Golden Rule"  
Graffam Metal Products Co., Worcester, Mass. "Afta"  
Promax Products Div., Chisholm-Ryder Co., Inc., 9000 College Ave., Niagara Falls, N. Y. (Folding)  
Pueblo Tent & Awning Co., Inc., Pueblo, Colo.  
Space Saving Furniture Co., 138 E. 34th, New York, N. Y. "Phillips" (Kitchenet)  
Toledo Metal Furniture Co., Toledo, O.  
Trestle Mfg. Co., Lockport, N. Y. "Kompak"

**TABLES, Pool, Children's—See Tables, Billiard and Pool, Children's**

**TABLES, Steel**

Aurora Equipment Co., Aurora, Ill. "Equipto"  
Berger Mfg. Co. Div. Republic Steel Corp., Canton, O. "Berloy"  
Lyons Metal Products, Inc., 136 Madison Av., Aurora, Ill. (Folding)  
Standard Pressed Steel Co., Jenkintown, Pa. "Hallwell"  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O. (Steel base with wood top)  
Universal Fixture Corp., 133 W. 23rd, New York, N. Y.

**TABLES, Tennis**

Barker (P.) & Co., 323 W. Monroe, Chicago, Ill.  
Burrows Corp., Portland, Me.  
Carron Co., Ludington, Mich.  
Detroit Wood Products Co., Detroit, Mich.  
Herrman (M. J.), Inc., 130 W. 24th, New York, N. Y. "Hermtext"  
Page (N. L.) & Son Co., Auburn, Me.

Parker Bros., Inc., Salem, Mass.  
Pitman & Brown Co., Salem, Mass.  
Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"

**TABLES, Turn, Display—See Fixtures, Display Hardware**

**TABLETS, Bronze**

Colonial Brass Co., Middleboro, Mass.  
Erco Mfg. Co., 4241 N. Monitor Av., Chicago, Ill.  
Macklanburg-Duncan Co., Oklahoma City, Okla. "Nu-Art"  
Piqua Emery Cutter & Fdry. Co., Piqua, O.  
Smith (F. P.) Wire & Iron Wks., 2346 Claybourn Av., Chicago, Ill.  
Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.  
Turner Brass Wks., Sycamore, Ill.  
Tuttle & Bailey, Inc., New Britain, Conn.

**TABLETS, Fuel**

Elkhart Iron Wks., 2040 So. Main, Elkhart, Ind. "Meta Solid Safety"

**TACHOMETERS—See Indicators, Speed**

**TACK CLAWS—See Claws and Pliers, Tack**

**TACK HAMMERS—See Hammers, Tack, Forged Steel; Also Cast Iron**

**TACK HAMMERS, Magnetic—See Hammers, Tack Magnetic, Forged Steel**

**TACK PULLERS—See Claws and Pullers, Tack**

**TACKERS, Staple, Hand**

Acme Staple Co., 1643 Haddon Av., Camden, N. J. "Acme-Astaco"  
Bostitch, Inc., East Greenwich, R. I.  
Burgess Co., Inc., Beaver Falls, Pa. "Lightnin"  
Chicago Tool & Engineering Co., 8389 S. Chicago Av., Chicago, Ill. "Palmgren"  
Crofoot (J. B.) Co., Mount Prospect, Ill. (Tag Tacking, etc.)  
Hansen (A. L.) Mfg. Co., 5049 Ravenswood Av., Chicago, Ill. "Kling-Tite"  
Heller Co., 1791 E. 38th, Cleveland, O.  
Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y. "Markwell," "Tack-Master"  
Metal Specialties Mfg. Co., 3208 Carroll Av., Chicago, Ill. "Presto"  
Paslode Co., 2600 N. Western Av., Chicago, Ill.  
Speed Products Co., 37-18 Northern Blvd., Long Island City, N. Y. "Tot"  
Star Paper Fastener Co., Inc., Norwalk, Conn. "Comet"

**TACKLE ASSORTMENTS—See Assortments, Tackle Fishing**

**TACKLE BLOCKS—See Blocks, Tackle**

**TACKLE BOXES, Fishing—See Boxes, Fishing Tackle**

**TACKLE, Fishing—See article desired**

**TACKS—See also Brads; also Nails**

**TACKS, Bill Poster**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
Arrow Tack & Nail Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
Cobb & Drew, Inc., Plymouth, Mass.  
Colorado Fuel & Iron Co., Denver, Colo.  
Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
Gurney (D. B.) Co., Inc., Whitman, Mass.  
Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
Holland Mfg. Co., Baltimore, Md.  
National Screw & Mfg. Co., Cleveland, O.  
Ripley & Bartlett Co., Plymouth, Mass.  
Roberts (G. G.) Corp., Whitman, Mass. "Giant"  
Salmond (Sam'l) & Son, Hanover, Mass.  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Shelton Tack Co., Shelton, Conn.  
Snell-Jones Tack Corp., Brockton, Mass.  
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
Tower Mfg. Co., Madison, Ind.  
Waterman (R. C.) Co., So. Hanover, Mass.  
York Tack & Nail Wks., York, Pa.

**TACKS, Brass and Copper**

Arrow Tack & Nail Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Baker (Geo.) & Sons Co., So. Easton, Mass.  
Chase Brass & Copper Co., Waterbury, Conn.  
Clendenin Bros., Inc., 110 South, Baltimore, Md.  
Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
Columbia Steel Co., 235 Montgomery, San Francisco, Cal. (Copper)  
Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
Holland Mfg. Co., Baltimore, Md.  
National Screw & Mfg. Co., Cleveland, O.  
Salmond (Sam'l) & Son, Hanover, Mass.  
Shelton Tack Co., Shelton, Conn.

**TACKS, Capped Saddle**

Atlas Tack Corp., Fairhaven, Mass. "Atlas"

**TACKS, Carpet**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American," "Peerless"  
Arrow Tack & Nail Co., Cleveland, O.

Atlas Tack Corp., Fairhaven, Mass. "Aeroplane Rustless," "Atlas," "Honest Weight," "Invincible," "Sterilized"  
Baker (Geo.) & Sons Co., So. Easton, Mass. "Bak-atax"  
Clendenin Bros., Inc., 110 South, Baltimore, Md.  
Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
Cobb & Drew, Inc., Plymouth, Mass.  
Colorado Fuel & Iron Co., Denver, Colo.  
Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
Gurney (D. B.) Co., Inc., Whitman, Mass.  
Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O. "Euclid"  
Holland Mfg. Co., Baltimore, Md. "Household," "Oriole"  
Miller (Robert E.) Inc., 35 Pearl, New York, N. Y. National Screw & Mfg. Co., Cleveland, O.  
Ripley & Bartlett, Plymouth, Mass.  
Roberts (G. G.) Corp., Whitman, Mass. "Parrot"  
Salmond (Sam'l) & Son, Hanover, Mass.  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Shelton Tack Co., Shelton, Conn. "Apollo," "Big Value"  
Snell-Jones Tack Corp., Brockton, Mass.  
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
Tower Mfg. Co., Madison, Ind. "Blue Ribbon," "Royal Palm"  
Waterman (R. C.) Co., So. Hanover, Mass.  
Wilson Steel & Wire Co., Chicago, Ill.  
York Tack & Nail Wks., York, Pa.

**TACKS, Copper—See Tacks, Brass and Copper**

**TACKS, Double-Pointed**

Arrow Tack & Nail Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Baker (Geo.) & Sons Co., So. Easton, Mass.  
Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
Cobb & Drew, Inc., Plymouth, Mass.  
Colorado Fuel & Iron Co., Denver, Colo.  
Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
Holland Mfg. Co., Baltimore, Md.  
National Screw & Mfg. Co., Cleveland, O.  
Ripley & Bartlett Co., Plymouth, Mass.  
Roberts (G. G.) Corp., Whitman, Mass. "Bull Dog"  
Shelton Tack Co., Shelton, Conn.  
Snell-Jones Tack Corp., Brockton, Mass.  
Titchener (E. H.) & Co., Binghamton, N. Y.  
Tower Mfg. Co., Madison, Ind.  
York Tack & Nail Wks., York, Pa.

**TACKS, Gimp—See Tacks, Upholsterers'**

**TACKS, LACE—See Tacks, Upholsterers'**

**TACKS, Marking, Celluloid**

Hampden Mfg. Co., 17 Warren, New York, N. Y.  
Moore Push Pin Co., 113 Berkeley, Phila., Pa.

**TACKS, NUMERAL—See Nails, Screen or Numeral**

**TACKS, Rubber-Headed**

Elastic Tip Co., 370 Atlantic Av., Boston, Mass.  
Lavelle Rubber Co., 424 N. Wood, Chicago, Ill.  
Metamora Rubber Wks., Metamora, O.  
Pennsylvania Rubber Co., Jeannette, Pa.

**TACKS, Screen, Numeral**

Acro Die Casting Co., 6641 W. Burleigh, Milwaukee, Wis.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
Hampden Mfg. Co., Plainfield, N. J.  
Miller (Robert E.), Inc., 35 Pearl, N. Y. C. "Remco"  
Moore Push Pin Co., 113-125 Berkeley, Phila., Pa.  
Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.  
Turner & Seymour Mfg. Co., Torrington, Conn.

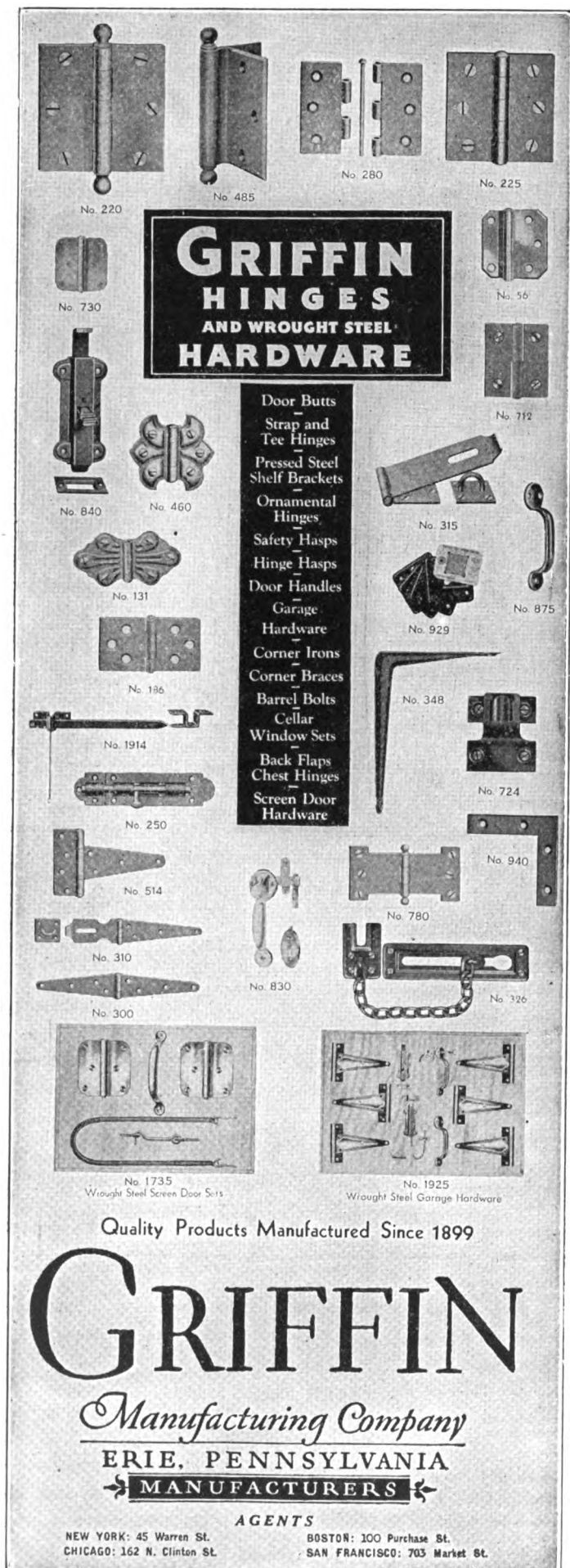
**TACKS, Shoe**

Arrow Tack & Nail Co., Cleveland, O.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Cleveland Tack Co., 1204 E. 55th, Cleveland, O.  
Cross (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
Gurney (D. B.) Co., Inc., Whitman, Mass.  
Hillwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
Holland Mfg. Co., Baltimore, Md.  
Maglathlin (F. W.) & Co., Kingston, Mass.  
National Screw & Mfg. Co., 2440 E. 75th, Cleveland, O.  
Ripley & Bartlett Co., Plymouth, Mass.  
Roberts (G. G.) Corp., Whitman, Mass. "Bull Dog"  
Shelton Tack Co., Shelton, Conn.  
Snell-Jones Tack Corp., Brockton, Mass.  
Tower Mfg. Co., Madison, Ind.  
York Tack & Nail Wks., York, Pa.

**TACKS, Thumb**

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. (Imported)  
American Tack Co., Inc., 154 11th Av., New York, N. Y. "American"  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Brewer-Titchener Corp., Cortland, N. Y.  
Cushman & Denison Mfg. Co., 133 W. 23rd, New York, N. Y.  
Domes of Silence, Inc., 35 Pearl, New York, N. Y. "Donrus" (Celluloid Covered)  
Graft (Geo. B.) Co., Cambridge, Mass.  
Hampden Mfg. Co., Plainfield, N. J.  
"American," "Indicator," "Star"





**GRIFFIN  
HINGES  
AND WROUGHT STEEL  
HARDWARE**

Door Butts  
Strap and Tee Hinges  
Pressed Steel Shelf Brackets  
Ornamental Hinges  
Safety Hasps  
Hinge Hasps  
Door Handles  
Garage Hardware  
Corner Irons  
Corner Braces  
Barrel Bolts  
Cellar Window Sets  
Back Flaps  
Chest Hinges  
Screen Door Hardware

No. 220 No. 485 No. 280 No. 225  
No. 730 No. 56 No. 712  
No. 840 No. 460 No. 315 No. 875  
No. 131 No. 929  
No. 186 No. 348 No. 724  
No. 1914 No. 940  
No. 250 No. 780 No. 326  
No. 514 No. 830  
No. 310 No. 300  
No. 1735 Wrought Steel Screen Door Sets  
No. 1925 Wrought Steel Garage Hardware

Quality Products Manufactured Since 1899

# GRIFFIN

*Manufacturing Company*

ERIE, PENNSYLVANIA

MANUFACTURERS

AGENTS

NEW YORK: 45 Warren St.  
CHICAGO: 162 N. Clinton St.

BOSTON: 100 Purchase St.  
SAN FRANCISCO: 703 Market St.



*Easy to read!*

YOUR CUSTOMERS ARE LOOKING FOR THIS DISPLAY

**\$3.50 LIST and up**

## YOUR CUSTOMERS WANT THIS TAPE

Easy to read — easy to clean — and the crackproof white surface protects the steel from corrosion . . . The biggest advertising campaign ever put behind a steel tape — reaching 1,500,000 hand-picked prospects — is telling your customers about the popular-priced Favorite Wyteface. You have 20 kinds of customers for this sensible BLACK-ON-WHITE steel tape. Get our handsome display for your window or counter.

**SPECIFICATIONS.—FAVORITE WYTEFACE STEEL TAPES, 3/8 inches wide, sturdy black leatherite case, nickel-plated mountings, strong simplified center, long folding, self-opening handle. Patented friction brake. Graduations begin at outside end of ring. Graduated in feet, inches and 1/8 inches.**

**LIST PRICES**

W7380T	25 feet	plain end ring . . . . .	\$3.50
W7380P	25 feet	K & E end fastener . . . . .	3.70
W7382T	50 feet	plain end ring . . . . .	4.25
W7382P	50 feet	K & E end fastener . . . . .	4.45
W7384T	75 feet	plain end ring . . . . .	5.75
W7384P	75 feet	K & E end fastener . . . . .	5.95
W7385T	100 feet	plain end ring . . . . .	7.25
W7385P	100 feet	K & E end fastener . . . . .	7.45

The permanent display unit is furnished free with your initial order. Write for a free sample of the line, and illustrated folder with complete prices and discounts.

EST. 1867

**KEUFFEL & ESSER CO.**

NEW YORK • HOBOKEN, N. J.  
CHICAGO • ST. LOUIS • SAN FRANCISCO • LOS ANGELES  
DETROIT • MONTREAL

**K&E FAVORITE WYTEFACE**

REG. U. S. PAT. OFF. TRADE MARK

**STEEL MEASURING TAPES**

Mention Hardware Age When Writing

# ACKS, Thumb (Continued)

llwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
ge Mfg. Co., Inc., 200 Fifth Ave., New York, N. Y. "Modern"  
land Mfg. Co., Central Av. & Bank, Baltimore, Md. "Star"  
iller (Robert E.), Inc., 85 Pearl, New York, N. Y. "Remco"  
ore Push-Pin Co., 118-125 Berkley, Phila., Pa. (Enameled, Nickel & Brass Plated)  
tional Sheet Metal Co., Peru, Ill.  
elton Tack Co., Shelton, Conn.  
rner & Seymour Mfg. Co., Torrington, Conn. "Eagle Brand" (Also Colored)  
aterbury Tack Co., Inc., 200 5th Av., New York, N. Y. "Penn Check"  
ACKS, Trimmers—See Tacks, Upholsterers'

# ACKS, Upholsterers'

(See also Nails, Upholsterers')  
merican Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American", "Peerless"  
row Tack & Nail Co., Cleveland, O.  
las Tack Corp., Fairhaven, Mass. "Atlas"  
to-Vehicle Parts Co., Newport, Ky.  
aker (Geo.) & Sons Co., So. Easton, Mass.  
leveland Tack Co., 1204 E. 55th, Cleveland, O.  
bb & Drew, Inc., Plymouth, Mass.  
olorado Fuel & Iron Co., Denver, Colo.  
olumbia Steel Co., 235 Montgomery, San Francisco, Cal.  
oss (W. W.) & Co., Inc., East Jaffrey, N. H. "Cross"  
rney (D. B.) Co., Inc., Whitman, Mass.  
illwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
olland Mfg. Co., Baltimore, Md. "San-I-Tacks"  
iller (Robert E.), Inc., 85 Pearl, New York, N. Y. "National Screw & Mfg. Co., 2440 E. 76th, Cleveland, O.  
ipley & Bartlett Co., Plymouth, Mass.  
oberts (G. G.) Corp., Whitman, Mass. "Crown", "Excel", "Imperial", "Regal"  
lmond (Sam) & Son, Hanover, Mass.  
heffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
helton Tack Co., Shelton, Conn.  
n-Jones Tack Corp., Brockton, Mass.  
ennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
ower Mfg. Co., Madison, Ind.  
arterman (R. C.) Co., S. Hanover, Mass.  
ork Tack & Nail Wks., York, Pa.  
ACKS, Window Screen—See Nails, Screen or Numerals

# ACKS, Wire

merican Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
las Tack Corp., Fairhaven, Conn. "Atlas"  
olorado Fuel & Iron Corp., Denver, Colo.  
olumbia Steel Co., 235 Montgomery, San Francisco, Cal.  
illwood Mfg. Co., 21715 St. Clair Av., Cleveland, O.  
olland Mfg. Co., Baltimore, Md.  
helton Tack Co., Shelton, Conn.  
ower Mfg. Co., Madison, Ind.  
heffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
AG FASTENERS—See Fasteners, Tag

# TAGS, Advertising

ay (J. L.) Co., 111 W. 19th, New York, N. Y. "Maco"

# TAGS, Marking, Blank and Price

enney Tag Co., West Chester, Pa.  
arrison-Wagner Co., St. Louis, Mo.  
eller (W. C.) & Co., Montpelier, O.  
opp Press, Inc., 460 W. 84th, New York, N. Y.  
nternational Tag Co., Chicago, Ill.  
ay (J. L.) Co., 111 W. 19th, New York, N. Y. "Maco"  
henix Box & Label Co., Kansas City, Mo.  
Warren (J. D.) Mfg. Co., Montpelier, O.

# TAGS, Shipping

Allen-Bailey Tag Co., Caledonia, N. Y.  
American Mfg. Co., Battle Creek, Mich.  
American Tag Co., 118 Sussex Av., Newark, N. J.  
Denney Tag Co., West Chester, Pa.  
Dennison Mfg. Co., Framingham, Mass.  
Eastern Pin Ticket & Tag Co., Perkins, Pa.  
Garrison-Wagner Co., St. Louis, Mo.  
International Tag Co., Chicago, Ill.  
May (J. L.) Co., 111 W. 19th, New York, N. Y. "Maco"  
Swigart, Walter, Chicago, Ill. (Battery, Acid Resisting)

# TAGS, Stock

Dana (C. H.) Co., West Lebanon, N. H.  
TAIL HOLDERS, Cow—See Holders, Tail, Cow  
TAIL LIGHTS—See Lights, Tail  
TAILORS' GOOSE—See Irons, Sad, Electric  
TAILORS' SHEARS—See Shears, Tailors'  
TAILORS' STOVES—See Heaters, Tailors' Iron  
TALK TIMERS—See Timers, Talk  
TALKING DOLLS—See Dolls, Composition  
TALLOW POTS—See Pots, Tallow

# TAMPERS

Avondale Stove & Fdry. Co., Birmingham, Ala.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Buch Mfg. Co., Elizabethtown, Pa.  
Clark (H. W.) Co., Mattont, Ill.  
Dalton Foundries, Inc., Warsaw, Ind.  
Ennis Mfg. Co., Reading, Pa.  
Indiana Foundry Co., Indiana, Pa.  
Iron City Tool Works, Pittsburgh, Pa.  
Oliver Iron & Steel Corp., Pittsburgh, Pa.  
Pick Mfg. Co., Omaha, Neb. "Spike Tamp"  
Stearns (E. C.) & Co., Syracuse, N. Y.  
Storts (John) & Son, 210 Vine, Phila., Pa.  
Sweet (A. L.) Iron Wks., Medina, N. Y.  
Wagner Mfg. Co., Sidney, O.  
Woodings-Verona Tool Wks., Verona, Pa.  
TAMPING BARS—See Bars, Digging and Tamping  
TANK BALL RODS—See Rods, Tank Ball  
TANK, Closet, Copper Floats—See Floats, Closet Tank, Copper  
TANK HEATERS—See Heaters, Tank  
TANK PUMPS—See Pumps, Tank  
TANK RIVETS—See Rivets, Tank

# TANK SPRAYERS—See Sprayers, Tank

# TANK VALVES—See Valves, Float and Tank

# TANKS, Fertilizer Storage

Likwid Fertilizer Co., Mahoning Bank Bldg., Youngstown, O.

# TANKS, Fish—See Aquariums

# TANKS, Gasoline

Adamson Mfg. Co., East Palestine, O.  
Beatrice Steel Tank Mfg. Co., Beatrice, Neb.  
Biggs Boiler Wks. Co., Akron, O.  
Bowser (S. F.) & Co., Ft. Wayne, Ind.  
Caldwell (W. E.) Co., Inc., Louisville, Ky.  
Chicago Steel Tank Co., 1577 Ogden Av., Chicago, Ill.  
Codd (E. J.) Co., Baltimore, Md.  
Columbian Steel Tank Co., Kansas City, Mo.  
Des Moines Steel Tank Co., Des Moines, Ia.  
Devine (J. P.) Mfg. Co., Inc., Mt. Vernon, Ill.  
Dover Boiler Wks. Co., Dover, N. J.  
Eastern Steel Tank Corp., 200 Stewart Av., B'klyn, N. Y.  
Emerson-Scheuring Tank Co., Indianapolis, Ind.  
Erie City Iron Wks., Erie, Pa.  
Farquhar (A. B.) Co., Ltd., York, Pa.  
Freeland Sons Co., Sturgis, Mich.  
Freeland Steel Tank Co., Portage, Wis.  
Gilbert & Barker Mfg. Co., Springfield, Mass.  
Graver Tank & Mfg. Corp., East Chicago, Ind.  
Hamburg Boiler Wks., Inc., Hamburg, Pa.  
Hamler Boiler & Tank Co., Chicago, Ill.  
Hammond Iron Wks., Warren, Pa.  
Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.  
Koven (L. O.) & Bro., 154 Ogden Av., Jersey City, N. J.  
Lancaster Iron Wks., Inc., Lancaster, Pa.  
Littleford Bros., Cincinnati, O.  
Mead-Penn Iron Wks., Meadville, Pa.  
Morrison Bros., Dubuque, Ia.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Petroleum Iron Wks. Co., Sharon, Pa.  
Pittsburgh-Des Moines Steel Co., Pittsburgh, Pa.  
Quaker City Iron Wks., Phila., Pa.  
Sexton Can Co., Everett, Mass.  
Struthers-Wells Co., Warren, Pa.  
Vernier Mfg. Co., Cedar Rapids, Ia.  
Wood (John) Mfg. Co., Inc., Conshohocken, Pa. "Electric Weld"

# TANKS, Water, Hot

Porcelain Steels, Inc., Cedar & Ashlans Rd., Cleveland, O. "Porcel-Clad"

# TANKS, Oil Storage

Adamson Mfg. Co., East Palestine, O.  
American Gas Machine Co., Inc., Albert Lea, Minn.  
"Kitchenhook" (Gasoline)  
Bard Mfg. Co., 213 W. Butler, Bryan, O. "Bard"  
Beatrice Steel Tank Mfg. Co., Beatrice, Neb.  
Biggs Boiler Wks. Co., Akron, O.  
Bowser (S. F.) & Co., Ft. Wayne, Ind.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Caldwell (W. E.) Co., Inc., Louisville, Ky.  
Chicago Steel Tank Co., 1577 Ogden Av., Chicago, Ill.  
Codd (E. J.) Co., Baltimore, Md.  
Columbian Steel Tank Co., Kansas City, Mo.  
Des Moines Steel Tank Co., Des Moines, Ia.  
Devine (J. P.) Mfg. Co., Inc., Mt. Vernon, Ill.  
Dover Boiler Wks. Co., Dover, N. J.  
Economic Steel Rack Co., Everett, Mass. "Economic"  
Eastern Steel Tank Corp., 200 Stewart Av., B'klyn, N. Y.  
Emerson-Scheuring Tank Co., Indianapolis, Ind.  
Erie City Iron Wks., Erie, Pa.  
Farquhar (A. B.) Co., Ltd., York, Pa.  
Freeland Steel Tank Co., Portage, Wis.  
Gilbert & Barker Mfg. Co., Springfield, Mass.  
Graver Tank & Mfg. Corp., East Chicago, Ind.  
Hamler Boiler & Tank Co., Chicago, Ill.  
Hamburg Boiler Wks., Inc., Hamburg, Pa.  
Hammond Iron Wks., Warren, Pa.  
Harry (O. K.) Steel Co., 2337 Papin, St. Louis, Mo. "Okay"

Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.  
Koven (L. O.) & Bro., 154 Ogden Av., Jersey City, N. J.  
Lancaster Iron Wks., Inc., Lancaster, Pa.  
Littleford Bros., Cincinnati, O.  
Mead-Penn Iron Wks., Meadville, Pa.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Petroleum Iron Wks. Co., Sharon, Pa.  
Pittsburgh-Des Moines Steel Co., Pittsburgh, Pa.  
Prentiss Wabers Products Co., Wisconsin Rapids, Wis. "Preway"  
Quaker City Iron Wks., Phila., Pa.  
Sexton Can Co., Everett, Mass.  
Struthers-Wells Co., Warren, Pa.  
Vernier Mfg. Co., Cedar Rapids, Ia.  
Wall (P.) Mfg. Supply Co., 3126-3166 Preble Av., Pittsburgh, Pa.  
Wood (John) Mfg. Co., Inc., Conshohocken, Pa. "Electric Weld"

# TANKS, Septic

Butler Mfg. Co., Kansas City, Mo.  
Celina Mfg. Co., Celina, O.  
Columbian Steel Tank Co., Kansas City, Mo.  
Dall Steel Products Co., Lansing, Mich. "Wolverine"  
Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
Hart Mfg. Co., Louisville, Ky.  
Mohawk Asphalt Heater Co., Frankfort, N. Y. "Mohawk"  
Uniflow Mfg. Co., Erie, Pa. "Uniflow"  
Western Metal Specialty Co., Milwaukee, Wis. "Badger", "Wemeco"  
Wood (John) Mfg. Co., Inc., Conshohocken, Pa. "Electric Weld"

# TANKS, Stock

Anderson Mfg. Co., 511 8rd, Des Moines, Ia. "Tip Top"  
Badger Corrugating Co., La Crosse, Wis.  
Beatrice Steel Tank Mfg. Co., Beatrice, Neb.  
Butler Co., Butler, Ind.  
Butler Mfg. Co., 7400 E. 13th, Kansas City, Mo.  
Celina Mfg. Co., Celina, O.  
Challenge Co., Batavia, Ill.  
Columbian Steel Tank Co., 1601 W. 12th, Kansas City, Mo. "A.B.", "Ranchman's Favorite", "Red Bottom"  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Des Moines Steel Tank Co., Des Moines, Ia.  
Eaton (A. N.) Metal Products, Omaha, Neb. "Gilt Edge", "Gold Band", "National"  
Flint & Walling Mfg. Co., Kendallville, Ind. "Hoosier"  
Freeland Steel Tank Co., Portage, Wis. "Nustly"  
Harry (O. K.) Steel Co., 2337 Papin, St. Louis, Mo. "Okay"  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.  
Milcor Steel Co., S. 41st & Burnham, Milwaukee, Wis. "Milcor"  
Niles Steel Tank Co., Niles, Mich. "Wolverine"  
Starline, Inc., Harvard, Ill. "Star"  
Thieman Harvester Co., Inc., Albert City, Ia.

# TANKS, Toilet, Closet

Becker Mfg. Co., Marietta, O.  
Humphries Mfg. Co., Mansfield, O. "Mirard"  
Plumbers Woodwork Co., Algoma, Wis. "Badger"  
Western Metal Specialty Co., Milwaukee, Wis. "Wemeco"

# TANKS, Wooden

Aermotor Co., Chicago, Ill.  
Bennett Bros. Co., Lowell, Mass.  
Breyer Bros., Whiting & Co., Waupun, Wis.  
Butler Co., Butler, Ind.  
Challenge Co., Batavia, Ill.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Economy Silo & Mfg. Co., Frederick, Md.  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill.  
Flint & Walling Mfg. Co., Kendallville, Ind. "Star"  
Heller-Aller Co., Napoleon, O.  
Howell (R. R.) & Co., Minneapolis, Minn.  
Hudson (H. D.) Mfg. Co., Chicago, Ill.  
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.  
Perkins Corp., Mishawaka, Ind.  
Red Cross Mfg. Co., Bluffton, Ind.  
Unadilla Silo Co., Unadilla, N. Y.  
U. S. Wind Engine & Pump Co., Batavia, Ill.  
Vernier Mfg. Co., Cedar Rapids, Ia.  
Woodmanse Mfg. Co., Freeport, Ill.

# TANNERS' KNIVES—See Knives, Tanners'

# TAP BOLTS—See Bolts, Tap

# TAP EXTRACTORS—See Extractors, Tap

# TAP HOLDERS—See Holders, Tap

# TAP WRENCHES—See Wrenches, Tap

# TAPE, Cellulose

Du Pont Cellophane Co., 330 Fifth Av., New York, N. Y.  
Minnesota Mining & Mfg. Co., St. Paul, Minn. "Scotch"

# TAPE, Decorative

Van Cleeef Bros., 7800 Woodlawn Av., Chicago, Ill. "Dec-O-Tape"

# THE HOME OF UNIVERSAL PLUMBING SPECIALTIES

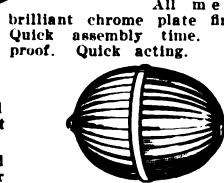
WRITE FOR OUR COMPLETE CATALOGUE ILLUSTRATING HUNDREDS OF FAST SELLING ITEMS



**Universal Elevated Ball Cocks**  
No. 310 for low-down tanks. No. 310A with long repair shank. Furnished with re-fill tube.



**New Modern Trip Lever (No. 1660)**  
All metal brilliant chrome plate finish. Quick assembly time. Fool proof. Quick acting.



**Copper Floats**  
No. 374. Oval 4 x 5 in. For low tanks. Will fit narrowest general purpose tanks and work freely on all makes of valves.



**Universal Bibb Seat Reamer**  
Furnished with four cutters. Reversible No. 308. Single No. 308A.



**Tank Ball Rods**  
No. 367—Lower lift wires. Length 4 1/2" x 5 1/2".



No. 308—Tank Ball Rod. Upper lift wires

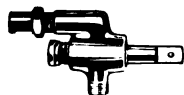


**Flexible Sink Cleaners**  
No. 818 Complete with opening point and frame adapted for easy leading. 1/4" x 1 1/32". 25 & 50 ft.



**Universal Flat Sewer Rods**

No. 835 With oval spear point & automatic grip handle. Length: 25 to 100 ft.



**Angle Gas Range Cock**  
No. 1017. For console gas ranges. 1/4" male with adjustable hood.



**Gas Range Cock**  
No. 677 fits most standard brands of gas ranges.



**Hose Cock (Female)**  
No. 1073—Brass. Sizes: 1/2", 3/4", 1", 1 1/2", 2", 3", 4", 6", 8", 10", 12", 14", 16", 18", 20", 22", 24", 26", 28", 30", 32", 34", 36", 38", 40", 42", 44", 46", 48", 50", 52", 54", 56", 58", 60", 62", 64", 66", 68", 70", 72", 74", 76", 78", 80", 82", 84", 86", 88", 90", 92", 94", 96", 98", 100".



**"T" Handle Gas Service Cocks**  
No. 687 with check. Sizes: 1/2", 3/4", 1", 1 1/2", 2", 3", 4", 6", 8", 10", 12", 14", 16", 18", 20", 22", 24", 26", 28", 30", 32", 34", 36", 38", 40", 42", 44", 46", 48", 50", 52", 54", 56", 58", 60", 62", 64", 66", 68", 70", 72", 74", 76", 78", 80", 82", 84", 86", 88", 90", 92", 94", 96", 98", 100".



**Super-Air Valve**  
No. 704. 100% automatic. Superior quality. Individually boxed.



**Universal Galvanized Tapped Boiler Plugs**  
No. 750. Made of hard tempered steel. 1 doz. to box, also 2 doz. assorted on disp. card, with washers.



**Rubber Screw, Tack and Bar Bumpers, Chair & Crutch Tips**  
Tack Bumpers—No. 165—White or gray. No. 166 Screw Bumper—ray—rubber. No. 167 Bar Bumpers—white rubber. No. 169 Chair & Crutch Tips—gray & white rubber.

1—Grd. Joint Unions, No. 852, Galv'd. Black or Brass. 2—Nipples, Galv'd No. 863. Black No. 864 or Brass No. 865. 3—Elbows—90°—No. 842 Galv. Black or Brass.

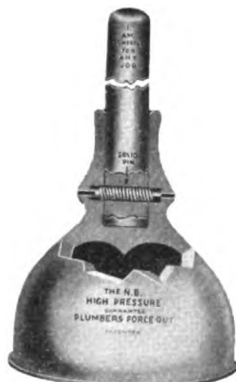
## TRU-SEAL TANK BALL

All of the wear and tear is taken up on the resilient cushion seat, so that the ball will not distort or collapse.



No. 1000  
Pushed One Dozen to Attractive Display Box

TRU-SEAL TANK-BALLS are compounded of the finest quality rubber and will not swell or rot.



**N. B. Plumbers' Force Cup**  
(Pat. April 5, 1932)

Heavy duty. Modern. High pressure. Sanitary. Guaranteed to clear any stoppage. Furnished complete with 2 1/2" Red Polished Inserted Handle. 3 sizes: 4 1/2", 5 1/2" & 6 1/2". 1 doz in box.



**Tru-Stop Basin and Bath Stoppers**  
No. 177 hollow. No. 178 solid. High grade rubber. Moulded with solid brass post. Sizes: 1" to 2". 1 doz. to box.



**Bead Chain in Lengths**  
No. 536 Complete with couplings. 11"—15"—C.P.



**Pump Washers**  
No. 171—made for air pumps, beer pumps, bicycle pumps, etc.

**Universal Tru-Seal Beveled Faucet Washers**  
Will bend, but cannot crack. No. 1615—trade size: 1/4" small, regular & large; 3/8" regular & large; 1/2" regular; 5/8" regular; & 3/4" regular. 100 to box.

## Elgin Gold Bond Closet Seat

No. 100—Fine sprayed celluloid. Best birchwood. Coating is Genuine Celluloid, buffed to a high luster. Full weight & full 1 1/2" stock seat. Reinforced double dowels, cast brass hinge, chromium plated, modernistic design. GOLD BOND GUAR-ANTEED with every seat—guaranteed not to chip, crack, craze, peel or turn yellow.



**Bath Tub Seat**  
No. 23—Furnished in White Enamel. A comfortable, spacious, well made seat. Rubber tubing protects enamel finish.



**N. B. Bath Connection**  
No. 208—Fits all standard bath cocks. Easily attached. 4 sizes. 1 doz. assorted sizes on disp. card.

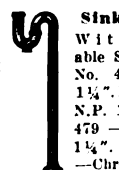


**Universal Shower Head**  
No. 634—Ball Joint. Adjustable non-drip self centering. All brass chrome plated.



**Universal Crumb-Cup Strainers**  
No. 531 for regular drain outlets. No. 531A for wash basins or bath room sinks.

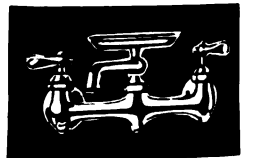
**Adjustable "S" Traps**  
With cleanout  
No. 464—1 1/4" & 1 1/2". 20 & 17 ga. N.P.  
No. 531A—4 1/4" A—8 a m e sizes. C.P.



**Sink Plug**  
With Removable Strainer  
No. 477—N.P. 1 1/4". No. 478—N.P. 1 1/2". No. 479—Chrome 1 1/4". No. 480—Chrome 1 1/2".



**Hose Bibbs**  
No. 386—1/2" Polished Brass & Chrome Plated. 3/4" Polished Brass & Chrome Plated.

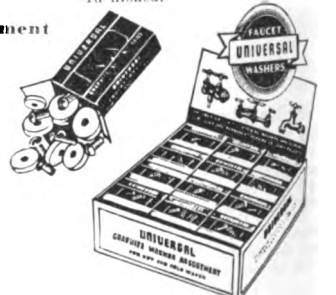


**Combination Sink Fixture**

All metal trim top spout. Brass chrome finish. No. 403—Regular spout. No. 403A—with long spout. Female couplings furnished.

## Universal Washer Assortment

No. 117-A. An attractive Display Carton holds 36 packages each containing 10 assorted graphite washers—(5 sizes) and assorted bibb screws—(5 sizes) for hot and cold water faucets.



## Handi Washer Assortment

No. 117. A colorful attractive package containing an assortment of washers for every faucet in the house. Each package contains: Assorted fibre washers (5 sizes). Assorted Bibb Washers (5 sizes). Packed 36 boxes to carton.



**INTERNATIONAL PLUMBING MANUFACTURING CO., INC.**  
LARGEST DISTRIBUTORS OF N. B. PLUMBING SPECIALTIES IN AMERICA

Write for prices on items listed on this page

Mention Hardware Age When Writing

45 MURRAY ST. NEW YORK



### TAPE, Decorators'

Minnesota Mining & Mfg. Co., St. Paul, Minn. "Scotch"  
Thomas Products Co., 15475 Indiana Av., Detroit, Mich. "Kwik-Seal"  
Van Cleef Bros., 7800 Woodlawn Av., Chicago, Ill. "Dec-O-Tape"

### TAPE, Gummed

Brown Paper Co., St. Louis, Mo.  
Dennison Mfg. Co., Framingham, Mass.  
Fox Paper Co., Lockland, O.  
Fricke (J. E.) Co., 40 N. Front, Phila., Pa. "Viking"  
Gummer Products Co., Troy, O.  
Nashua Package Sealing Co., Nashua, N. H.  
St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X"  
Thomas Products Co., 15473 Indiana Av., Detroit, Mich. "Kwik-Seal"  
Thomas Stationery Mfg. Co., Springfield, O.  
Van Cleef Bros., 7800 S. Woodlawn Av., Chicago, Ill. "Dec-O-Tape"

Weiner Label Co., Oradell, N. J.  
Wortendyke Mfg. Co., Richmond, Va.

### TAPE HOOKS—See Hooks, Tape and Rule

### TAPE, Insulating—See Tape, Rubber and Friction

### TAPE LINES—See Tapes, Measuring

### TAPE, Marking

American Cord & Webbing Co., 394 B'way, New York, N. Y.  
Goldsmith's (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Hope Webbing Co., Providence, R. I.  
Rawlings Mfg. Co., St. Louis, Mo.  
Reach (A. J.), Wright & Ditson, Inc., Chicopee, Mass.  
Spaulding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Waban Webbing Co., Boston, Mass.

### TAPE, Masking

Industrial Tape Corp., New Brunswick, N. J. "Jon Flex," "Permaceal"  
Minnesota Mining & Mfg. Co., St. Paul, Minn. "Scotch"  
Van Cleef Bros., 7800 Woodlawn Av., Chicago, Ill. "Dutch Brand"

### TAPE, Rubber and Friction

Accurate Mfg. Co., Garfield, N. J. "Albatross"  
Appleton Rubber Co., Franklin, Mass. "O. K."  
"Paratex"  
Boston Woven Hose & Rubber Co., Cambridge, Mass. "Bull Dog"  
Canfield Rubber Co., Bridgeport, Conn.  
Clifton Mfg. Co., Inc., 34 Tokio, Mattapan, Mass. "Ace," "Stixwell"  
Continental Rubber Wks., Erie, Pa.  
Dryden Rubber Co., Chicago, Ill.  
Dunton (M. W.) Co., Providence, R. I. "Black Diamond"  
Elkhart Rubber Wks., Elkhart, Ind.  
Firestone Tire & Rubber Co., Akron, O.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
Goodrich (B. F.) Co., Akron, O.  
Goodyear Tire & Rubber Co., Akron, O.  
Hazard Insulated Wire Wks., Div. of Okonite Co., Wilkes-Barre, Pa. "Dragon," "Panther"  
Jenkins Bros., 80 White, New York, N. Y. "Ara," "Diamond Seal," "Gold Seal"  
Johns-Manville Corp., 22 E. 40th, New York, N. Y. "J. M. Alpha"  
Lee Tire & Rubber Co., Conshohocken, Pa.  
Okonite Co., Passaic, N. J. "Dundee," "Mansou," "Okonite"  
Passaic Rubber Co., Clifton, N. J.  
Plymouth Rubber Co., Inc., Canton, Mass. "Canton," "P. R.," "Slipknot," "Slipknot Brown"  
Roebling's (John A.) Sons Co., Trenton, N. J.  
Ruberoil Co., 500 Fifth Av., New York, N. Y.  
St. Louis Rubber Cement Co., Inc., St. Louis, Mo. "Red X"  
Sullivan & Sons Mfg. Co., Phila., Pa.  
Superior Insulating Tape Co., St. Louis, Mo. "St. Site"  
Union Rubber & Asbestos Co., Trenton, N. J.  
United States Rubber Co., 1230 6th Av., New York, N. Y. "U. S. Security"  
Van Cleef Bros., 7800 Woodlawn Av., Chicago, Ill. "Dutch Brand"

### TAPE RULES—See Rules, Flexible, Rigid, Steel

### TAPE SEALING and MOISTENING MACHINES—See Machines, Tape Sealing and Moistening

### TAPE, Tire—See Tape, Rubber and Friction

### TAPER PIN REAMERS—See Reamers, Taper

### TAPER PINS—See Pins, Taper

### TAPER REAMERS—See Reamers, Taper

### TAPER SHANK DRILLS—See Drills, Twist

### TAPER SHANK REAMERS—See Reamers, Taper

### TAPER TAPS—See Taps, Machinists', Hand

### TAPERS, Wax

Cathedral Candle Co., Syracuse, N. Y.  
Columbia Wax Wks., Ozone Park, L. I., N. Y.  
Houchin (Thos. W.) Corp., 9 McPherson Av., Jersey City, N. J.  
Mack-Miller Candle Co., Syracuse, N. Y.  
Marty & Co., Syracuse, N. Y.  
Will & Baumer Candle Co., Inc., Syracuse, N. Y.  
St. Louis Candle & Wax Co., St. Louis, Mo.

### TAPES, Advertising

Lufkin Rule Co., Saginaw, Mich.

### TAPES, Measuring

Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "Chesterman" (British)  
Keuffel & Esser Co., 300 Adams, Hoboken, N. J. "K. & E.," "Wyteface"  
Lufkin Rule Co., Saginaw, Mich. "Anchor," "Artisan," "Ass Skin," "Atlas," "Banner," "Canyon," "Challenge," "Challenge Jr.," "Dial," "Hi-Way Drag," "Junior," "Metallic," "Metallic," "Michigan," "Pioneer," "Reliable," "Rival," "Sterling," "Universal," "Western," "Wolverine" (Steel and Woven)  
Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y. "Master"  
Ritter Carlton Co., Inc., 373 4th Av., New York, N. Y. (Imported)  
Roe (Justus) & Sons, Patchogue, N. Y.  
Starrett (L. S.) Co., Athol, Mass.  
Ulmer (J. C.) Co., 1791 E. 38th, Cleveland, O. "Lucas"  
"Union Tool Co., Orange, Mass.  
Waterbury Lock & Specialty Co., Milford, Conn. "Mechanic's Pal"

### TAPESTRY GLASS—See Glass, Tapestry

### TAPPET WRENCHES—See Wrenches, Tappet

### TAPPING BITS—See Bits, Tapping

### TAPS, Bottoming—See Taps, Machinists', Hand

### TAPS, Champagne

Landers, Frary & Clark, New Britain, Conn. "Universal"  
Williamson (C. T.) Wire Novelty Co., 52 Badger Av., Newark, N. J.

### TAPS and DIES

Alvord-Polk Tool Co., Millersburg, Pa.  
Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
Bay State Tap & Die Co., Mansfield, Mass.  
Brubaker (W. L.) & Bros., 50 Church, New York, N. Y.  
Butterfield & Co., Div., Union Twist Drill Co., Derby Line, Vt.  
Card (S. W.) Mfg. Co., Div., Union Twist Drill Co., Mansfield, Mass.  
Champion Blower & Forge Co., Lancaster, Pa. "Easy," "Ordnance"  
Conant & Donelson Div. of Mayhew Steel Products, Inc., Conway, Mass. "Reliable"  
Greenfield Tap & Die Corp., Greenfield, Mass. "Acorn," "G T D.," "J. M. Carpenter," "Little Giant," "O. K. Jr."  
Hanson (Henry L.) Inc., 25 Union, Worcester, Mass. "Ace"  
Keystone Reamer & Tool Co., Millersburg, Pa.  
King Tap & Tool Co., Inc., 84 Chestnut, North Attleboro, Mass. "King"  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
Morse Twist Drill & Machine Co., New Bedford, Mass.  
Pratt & Whitney Co., Hartford, Conn.  
Standard Tool Co., Cleveland, O.  
Threadwell Tap & Die Co., Greenfield, Mass. "Cut-Well," "Threadwell"  
Union Twist Drill Co., Athol, Mass.  
Vermont Tap & Die Corp., Lyndonville, Vt. "Vermont"  
Walworth Co., 60 E. 42nd, New York, N. Y.  
Wells Tool Co., Greenfield, Mass.  
Winter Bros. Co., Wrentham, Mass. "Thistle"

### TAPS, Drill and Reamer, Combined

Alvord-Polk Tool Co., Millersburg, Pa.  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D."  
Morse Twist Drill & Mach. Co., New Bedford, Mass. (Tap and Drill)  
Standard Tool Co., Cleveland, O.  
Winter Bros. Co., Wrentham, Mass. "Thistle"

### TAPS and LIFTS—See Soles and Heels

### TAPS, Electric Current

Electric Products, Inc., 78 Coit, Irvington, Mass.  
"Spring Action"  
Arrow-Hart & Hegeman Electric Co., Hartford, Conn.  
Bryant Electric Co., Bridgeport, Conn. "Hemco"  
Cutler-Hammer, Inc., Milwaukee, Wis.  
Deal Electric Co., Inc., 338 Berry, B'klyn, N. Y.  
Eagle Electric Mfg. Co., Inc., 59 Hall, Brooklyn, N. Y.  
Hubbell Harvey, Inc., Bridgeport, Conn.  
National Electric Appliance Corp., Bridgeport, Conn. "Jiffy," "Neaco"  
U. S. Electric Mfg. Corp., 222 W. 14th, New York, N. Y. "Usalite"

### TAPS, Machinists', Hand

Alvord-Polk Reamer & Tool Co., Millersburg, Pa.  
Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
Bay State Tap & Die Co., Mansfield, Mass.  
Brubaker (W. L.) & Bros., Millersburg, Pa.  
Butterfield & Co., Div., Union Twist Drill Co., Derby Line, Vt.  
Card (S. W.) Mfg. Co., Div., Union Twist Drill Co., Mansfield, Mass. "Paragon"

Conant & Donelson Div. of Mayhew Steel Products, Inc., Conway, Mass. "Reliable"  
Greenfield Tap & Die Corp., Greenfield, Mass. "G. T D.," "J. M. Carpenter"  
Hanson (Henry L.) Inc., 25 Union, Worcester, Mass. "Ace"  
Hart Mfg. Co., Cleveland, O. "Duplex"  
King Tap & Tool Co., Inc., 84 Chestnut, North Attleboro, Mass. "King"  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
Morse Twist Drill & Mach. Co., New Bedford, Mass.  
Pratt & Whitney Co., Hartford, Conn.  
Reynolds (Jas.) Mfg. Co., New Haven, Conn.  
Standard Tool Co., Cleveland, O.  
Threadwell Tap & Die Co., Greenfield, Mass. "Cut-Well," "Threadwell"  
Vermont Tap & Die Corp., Lyndonville, Vt. "Star," "Vermont"  
Winter Bros. Co., Wrentham, Mass. "Thistle"  
TAPS, PIPE—See Taps and Reamer, Pipe  
TAPS, Plug—See Taps, Machinists', Hand

### TAPS and REAMERS, Pipe

Alvord-Polk Tool Co., Millersburg, Pa. "Alpo"  
American Pipe Tool Co., Harrison & Kolmar Av., Chicago, Ill.  
Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
Bay State Tap & Die Co., Mansfield, Mass.  
Brubaker (W. L.) & Bros., Millersburg, Pa.  
Butterfield & Co., Div., Union Twist Drill Co., Derby Line, Vt.  
Card (S. W.) Mfg. Co., Div., Union Twist Drill Co., Mansfield, Mass.  
Erie Tool Wks., Erie, Pa.  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D.," "J. M. Carpenter"  
Hart Mfg. Co., Cleveland, O. "Duplex"  
Johnson (William), Inc., 36 Brenner, Newark, N. J.  
Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
Nye Tool & Machine Wks., 4120 Fullerton Av., Chicago, Ill.  
Potter Tool & Mach. Wks., 79 E. 130th, New York, N. Y.  
Pratt & Whitney Co., Hartford, Conn.  
Putnam Mach. Co., Fitchburg, Mass.  
Saunders (D.) Sons, Yonkers, N. Y.  
Standard Tool Co., Cleveland, O.  
Threadwell Tap & Die Co., Greenfield, Mass. "Threadwell"  
Union Tool Co., Orange, Mass.  
Vermont Tap & Die Corp., Lyndonville, Vt. "Vermont"  
Walworth Co., 60 E. 42nd, New York, N. Y.  
Winter Bros. Co., Wrentham, Mass. "Thistle"  
TAPS, Reamer—See Taps, Drill and Reamer

### TAPS, Shoe

(See also Soles and Heels)

Auburn Rubber Corp., Auburn, Ind. "Big Value," "Rival," "Super Arco"  
Graton & Knight Co., Worcester, Mass.  
Hagerstown Leather Co., Inc., Hagerstown, Md.  
Karno (L.) & Co., 721 W 18th, Chicago, Ill.  
Panco Rubber Co., Chelsea, Mass.  
Plymouth Rubber Co., Inc., Canton, Mass. "Slip-knot"  
Sweet (E. A.) Co., Inc., Binghamton, N. Y. "Paracord"  
U. S. Leather Co., 27 Spruce, New York, N. Y. "Allen," "Steerhead"  
Wildner & Company, 1038 N. Crosby, Chicago, Ill. "Acorn," "Lion"

### TAPS, Taper, Bottoming and Plug—See Taps, Machinists' Hand

### TAR REMOVING COMPOUNDS—See Compounds, Tar Removing

### TARGET RIFLES—See Rifles, Target

### TARGETS, Air Rifle

Daisy Mfg. Co., 414 Union, Plymouth, Mich. "Daisy Bell"

### TARGETS, Clay

Chamberlain Target & Trap Wks., of Remington Arms Co., Inc., Bridgeport, Conn. "Blue Rock"  
Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Av., Bridgeport, Conn. "Duvrock"  
Western Cartridge Co., East Alton, Ill. "White Flyer"

### TARGETS, Paper

National Target & Supply Co., 1255 25th, N. W., Washington, D. C.

### TARGETS, Paper Pad

Daisy Mfg. Co., 414 Union, Plymouth, Mich. "Handipads"

### TARGETS, Rifle

Arcade Mfg. Co., Freeport, Ill. (Shooting Gallery)  
Black Products Co., Chicago, Ill.  
Crosmen Arms Co., Inc., Rochester, N. Y. "Dodo"  
National Target & Supply Co., 1255 25th, N. W., Washington, D. C.  
Stevens (J.) Arms Co., Div. Savage Arms Corp., Chicopee Falls, Mass.

# KWIK-LITE

## ASBESTOS OIL BURNER WICK

The QUALITY Kindler Wick. Manufactured to exacting specifications developed in collaboration with burner manufacturers. Made of select, long fibre asbestos yarn tightly woven for quick kindling and long service. Known to outperform and outlast ordinary kindler wick by a big margin.

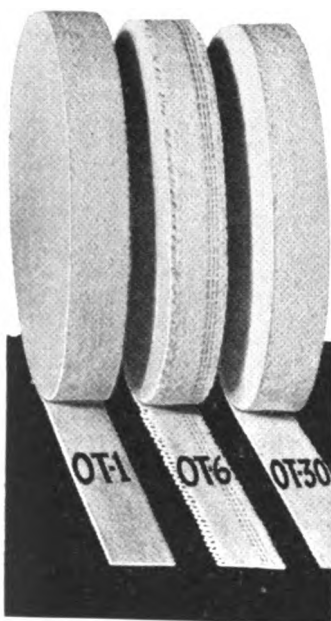
Furnished in  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$  and  $1\frac{3}{4}$ " widths in three types, as follows—

OT-1 Kwik-Lite is a wick of uniform weave—made of wire-inserted asbestos yarn.

OT-6 Kwik-Lite has three heavy supporting wires with the bottom wire looped to permit free flow of fuel.

OT-30 is an exclusive Kwik-Lite style having a warp of stiff wires with a filling of soft-spun wire-reinforced asbestos yarn. This exclusive construction brings all asbestos fibres parallel for direct capillary attraction and faster lighting.

All above sizes and types are available in 100-ft. rolls and  $5\frac{1}{2}$ -ft. attractive two-color cartons. A dozen  $5\frac{1}{2}$ -ft. cartons are packed in an eye-catching two-color display carton as illustrated.



**KWIK-LITE CUSTOM-CUT STRIPS** for Range and Heater Burners Using Single Wick Kindlers.

Twelve strips of Kwik-Lite OT-30 Wick. Correct in size and length for a particular type of burner. Packed in attention-winning two-color carton.



Kwik-Lite Wicks do the job better, and they are priced to sell. Distributed by leading jobbers from coast to coast. Send for literature and attractive prices. Mention your jobber.

**ASBESTOS TEXTILE COMPANY, INC.**  
167 W. WACKER DRIVE --- CHICAGO

## Before you pick a coffee maker— check this chart

### WHICH GLASS COFFEE MAKER HAS:

		OTHERS
● A patented Spring-Tension filter—that will not fall out and break the bowl . . . . .	Silex	None
● Self-Timing Stove—this accurately controls the brewing period, assuring uniform coffee . . . . .	Silex	None
● Anyheat Thermostatic Control—to keep coffee at any heat you select. Simply dial your heat . . . . .	Silex	None
● Removable decorations—no strain on glass, lower replacement cost . . . . .	Silex	None
● Detachable lower bowl cover—there only when you want it . . . . .	Silex	None

**PLUS**—the glass with the greatest heat resistance—Pyrex Brand . . . a choice of models—wide neck for easy cleaning, narrow neck for better pouring—sizes 4 to 12 cup . . strong national advertising in powerful magazines.

### AND WHICH COFFEE MAKER IS THE BEST KNOWN, MOST POPULAR, MOST WANTED? SILEX!



DELRAY  
Kitchen  
Model

\$2<sup>95</sup>



BRETTON  
Black  
Electric

\$4<sup>95</sup>



SARATOGA  
Ivory  
Electric

\$6<sup>45</sup>



CATALINA  
Black  
or Ivory  
Electric

\$6<sup>95</sup>

*Genuine* **SILEX**

THE SILEX COMPANY • HARTFORD, CONN.

Creators of the Glass Coffee Maker Industry

Mention Hardware Age When Writing

Digitized by Google

## TARPAULINS

Acorn Canvas Co., Phila., Pa.  
 Baker-Lockwood Mfg. Co., Inc., Kansas City, Mo.  
 Berg (F. O.) Co., Spokane, Wash.  
 Canvas Products Co., St. Louis, Mo. "Nox-All,"  
 "Rival," "Sterling"  
 Cleveland Canvas Goods Mfg. Co., Cleveland, O.  
 Coshoccon Mfg. Co., 384 N. 2nd, Coshoccon, O.  
 Couch Bros. Mfg. Co., Atlanta, Ga.  
 Daniels (C. R.), Inc., 101 Crosby, New York,  
 N. Y. "Stop-Loss"  
 Dickey Mfg. Co., Toledo, O.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 "Fultex," "Shuredry"  
 Hettrick Mfg. Co., 1401 Summit, Toledo, O. "Arctic  
 Bay"  
 Hettrick (W. E.) & Son, Inc., 1801 Prouty Av.,  
 Toledo, O. "Het-Son"  
 Hirsch-Weiss Mfg. Co., Portland, Ore.  
 Johnson (J. W.) Co., Chicago, Ill.  
 K. C. Fabric Products Co., Kansas City, Mo.  
 New York Drop Cloth Mfg. Co., Inc., Borden Av.  
 & 21st, Long Island City, N. Y.  
 Shane Mfg. Co., West Maryland at Buchanan,  
 Evansville, Ind. "Dura-Cloth," "Dura-Paulin"  
 Staatsburg Ice Tool Works, Staatsburg-on-the-Hud-  
 son, N. Y.  
 Stanley (Wm. W.), Co., Inc., 359 B'way, New York,  
 N. Y.  
 Stitt (H. L.) Co., 825 Penn Av., Wilkesburg, Pa.  
 Tucker Duck & Rubber Co., Fort Smith, Ark.  
 "Tuduco"  
 Wenzel (Herman) Tent & Duck Co., St. Louis, Mo.  
 Werner Canvas Products Co., 607 Bergen, B'klyn.,  
 N. Y.  
 Western Hdwe. & Specialty Mfg. Co., 228 S. First,  
 Milwaukee, Wis.

## TASSELS, Hair

Crump (Benj. T.) Co., Inc., Richmond, Va.  
 Perforated Pad Co., Woonsocket, R. I.

TATTING SHUTTLES—See Shuttles, Tatting

TAXIDERMISTS' FITTINGS AND SUP-  
PLIES

Babbitt, James P., Taunton, Mass.  
 Clearfield Taxidermy Co., Clearfield, Pa.  
 Hofmann (M. J.), 989 Gates Av., B'klyn, N. Y.  
 Jones Bros., 1307 B'way, Denver, Colo.  
 Schoepfer Co., 186 W. 32nd, New York, N. Y.

TEA BALLS—See Balls, Tea

TEA BELLS—See Balls, Call

TEA KETTLES—See Kettles, Tea

TEA POTS—See Pots, Tea

TEA SETS, Toy, Aluminum—See Sets, Tea, Toy

TEA SETS, Toy, Celluloid—See Sets, Tea, Toy

TEA STRAINERS—See Strainers, Tea

## TEES, Golf

Allen-Rogers Corp., Laconia, N. H.  
 Blanchard (N. C.) Co., Chattanooga, Tenn.  
 Delay Mfg. Co., Inc., Keene, N. H.  
 Eugene Mfg. Co., Bolivar, O.  
 Golf Tee Co., Amsterdam, N. Y. "Arrow," "Bobby,"  
 "Celluloid," "Double Head," "Long Yale," "Yale"  
 Holland Mfg. Co., Baltimore, Md. "Super"  
 (Aluminum)  
 Newton & Thompson Mfg. Co., Brandon, Vt.  
 Pla-Wood Products Corp., 16608 Waterloo Rd.,  
 Cleveland, O. "Rite Hite"  
 Reddy Tee Co., Inc., Norway, Me.  
 Rich Ladder & Mfg. Co., 1028 Depot, Cincinnati, O.  
 Sterling Mfg. Co., Sterling, Ill.  
 TEES, Pipe—See Fittings, Pipe

## TEES, Union

Acheson Mfg. Co., Braddock, Pa.  
 Dart (E. M.) Mfg. Co., Providence, R. I.  
 Jefferson Union Co., Lexington, Mass.  
 Lunkenheimer Co., Cincinnati, O.  
 Malleable Iron Fittings Co., Branford, Conn.  
 "M. I. F. Co."

## TEES, Stove Pipe

Reeves Steel & Mfg. Co., Dover, O.

## TEETH and HOLDERS, Saw

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Southern Saw Wks., Atlanta, Ga.

TELEGRAPH OUTFITS, Toy—See Outfits, Tele-  
graph, Toy

TELEGRAPH SHIPS CHAIN—See Chain, Ships,  
Telegraph

TELEGRAPH SHOVELS—See Shovels, Telegraph

TELEGRAPH SPOONS—See Shovels, Telegraph

TELEPHONE BATTERIES—See Batteries, Tele-  
phone

TELEPHONE LOCKS—See Locks, Telephone

## TELEPHONES, Toy

American Automatic Electric Sales Co., 1033 W.  
 Van Buren, Chicago, Ill.  
 Connecticut Telephone & Electric Corp., Meriden,  
 Conn. "Duplex"  
 Gong Bell Mfg. Co., East Hampton, Conn. "Pla-  
 phone 600," "Silver Chime"  
 Hill (N. N.) Brass Co., East Hampton, Conn.  
 Steel Stamping Co., Lorain, O. "Dial-O-Phone,"  
 "Monophone" (Radio)

## TELEPHONES, Two Station

American Automatic Electric Sales Co., 1033 W.  
 Van Buren, Chicago, Ill. "Real-Phones"  
 Auth Electrical Specialty Co., Inc., 423 E. 53rd,  
 New York, N. Y.  
 Carlson (Gitchell), Inc., 2233 University Av., St.  
 Paul, Minn. "Dor-A-Fone"  
 Carron Mfg. Co., 415 S. Aberdeen, Chicago, Ill.  
 "Talk-O-Fone"  
 Connecticut Telephone & Electric Corp., Meriden,  
 Conn. "Duplex"  
 Couch (S. H.) Co., Inc., North Quincy, Mass.  
 "Couch," "Handifone," "Pairfone"  
 Edwards & Co., Inc., Norwalk, Conn.  
 Quam-Nichols Co., 526 E. 33rd Pl., Chicago, Ill.  
 "Marvel-Phones"

## TELESCOPES

Bausch & Lomb Optical Co., Rochester, N. Y.  
 Belding & Mull, Inc., Philipsburg, Pa.  
 Swift & Anderson, Inc., 111 Summer, Boston, Mass.  
 Trojan, Inc., 2210 Wabasha Av., Chicago, Ill.  
 "American-Boy"  
 Moersberg (O. F.) & Sons, Inc., 131 St. John, New  
 Haven, Conn. "Spotshot" (With Stand)  
 Quam-Nichols Co., 526 E. 33rd Pl., Chicago, Ill.  
 Wollensack Optical Co., Rochester, N. Y.

## TELESCOPES, Air Rifle

Daisy Mfg. Co., 414 Union, Plymouth, Mich. "Daisy"

## TELESCOPES, Rifle

Belding & Mull, Inc., Philipsburg, Pa.  
 Lyman Gun Sight Corp., Middlefield, Conn.  
 Malcolm Rifle Telescope Mfg. Co., Auburn, N. Y.  
 Moersberg (O. F.) & Sons, Inc., 131 St. John, New  
 Haven, Conn. "Moersberg"  
 Neidner Rifle Corp., Dowagiac, Mich.

TELESCOPING GAGES—See Gages, Telescoping

## TENDERERS, Meat

(See also Pounders, Steak)

Chatillon (John) & Sons, 85 Cliff, New York, N. Y.  
 "Foster Bros." "Peerless"  
 Colebrookdale Iron Co., Boyertown, Pa. "Double"  
 Damascus Steel Products Corp., Rockford, Ill.  
 "Danco"  
 Girard-McIntosh Mfg. Co., Washingtonville, O.  
 "Easy-Way"

Stover Mfg. & Engine Co., Freeport, Ill.

Taplin Mfg. Co., New Britain, Conn.

Tyler Mfg. Co., Munice, Ind. "Kluster Knife"

TEN PINS—See Pins, Ten

TEN PINS, Toy—See Pins, Ten, Toy

TENNIS BALLS—See Balls, Tennis

TENNIS COURT MARKERS—See Markers, Tennis

Court

TENNIS NETS—See Nets, Tennis

TENNIS POSTS—See Posts, Tennis Net

TENNIS RACKET BAGS—See Covers, Tennis

Racket

TENNIS RACKET CASES—See Covers, Racket

TENNIS RACKET COVERS—See Covers, Tennis

Racket

TENNIS RACKET PRESSES—See Presses, Tennis

Racket

TENNIS RACKET STRINGS—See Strings, Tennis

Racket, Silk

TENNIS RACKETS—See Rackets, Tennis

TENNIS SHIELDS, EYE—See Visors, Sport

TENNIS SHOES—See Shoes, Tennis

TENT PINS—See Pins, Tent

TENT POLES—See Poles, Tent

TENT ROPE—See Rope, Awning and Tent

TENT STAKES—See Stakes, Tent

## TENTS and AWNINGS

Akron Tent & Awning Co., Akron, O.  
 Armbruster (R. H.) Mfg. Co., Springfield, Ill.  
 Atlanta Tent & Awning Co., Atlanta, Ga.  
 "Bonedri," "Style-Bilt"  
 "B & J" Auto-Awnings, Inc., Minneapolis, Minn.  
 Baker-Lockwood Mfg. Co., Inc., Kansas City, Mo.  
 Berg (F. O.) & Co., Spokane, Wash.  
 Boyle (John) & Co., 112 Duane, New York, N. Y.  
 Brooks Tent & Awning Co., Denver, Col. "Arap-  
 hoe"  
 Buckeye Tent & Awning Co., Columbus, O.  
 Canvas Products Co., St. Louis, Mo.  
 Carey-McFall Co., 2156 E. Dauphin, Phila., Pa.  
 "New Day" (Awnings)  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago,  
 Ill.  
 Clifton Mfg. Co., Waco, Tex. "Rain-Tite," "Seal-  
 Tex"  
 Couch Bros. Mfg. Co., Atlanta, Ga.  
 Dallas Tent & Awning Co., Dallas, Tex.  
 Daniels (C. R.) Inc., 101 Crosby, New York, N. Y.  
 Danville Tent & Awning Co., Danville, Ill.  
 Denver Tent & Awning Co., Denver, Col.  
 Detroit Canvas Co., Detroit, Mich.  
 Dickey Mfg. Co., Toledo, O.  
 Dougherty Bros. Tent & Awning Co., St. Louis, Mo.  
 Duluth Tent & Awning Co., Duluth, Minn.  
 Eareckson (Chas. F.) & Co., Baltimore, Md.  
 El Paso Tent & Awning Co., El Paso, Tex.  
 Field (Jas.) Co., Rochester, N. Y.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 "Hed-room"  
 Gold Medal Camp Furniture Co., Racine, Wis.

Goss (J. C.) Co., Detroit, Mich.  
 Haeflinger Awning Co., Cleveland, O.  
 Haegle, G. A., Helena, Mont.  
 Harry (O. K.) Steel Co., 2387 Papin, St. Louis, Mo.  
 "Okay" (Steel)  
 Hettrick Mfg. Co., 1401 Summit, Toledo, O.  
 Hettrick (W. E.) & Son, Inc., 1801 Prouty Av.,  
 Toledo, O. "Het-Son"  
 Hirsch-Weiss Mfg. Co., Portland, Ore.  
 Holgaard (C. J.) & Co., Minneapolis, Minn.  
 Humphreys (R. A.) Sons, Phila., Pa.  
 Indianapolis Tent & Awning Co., Indianapolis, Ind.  
 Jacksonville Tent & Awning Co., Jacksonville, Fla.  
 Johnson (J. W.) Co., Chicago, Ill.  
 K. C. Fabric Products Co., Kansas City, Mo.  
 Kentucky Tent & Awning Co., Louisville, Ky.  
 Little Rock Tent & Awning Co., Little Rock, Ark.  
 McGraw Machine Co., Lincoln, Neb. "De Luxa"  
 "Lincoln" "Standard" (Automobile)  
 Madison Tent & Awning Co., Madison, Wis.  
 Memphis Tent Awning Co., Memphis, Tenn.  
 Michigan Tent & Awning Co., Detroit, Mich.  
 New Orleans Tent & Awning Co., New Orleans, La.  
 New York Drop Cloth Mfg. Co., Inc., Borden Av.  
 & 21st, Long Island City, N. Y.  
 Peoria Tent & Awning Co., Peoria, Ill.  
 Phoenix Tent & Awning Co., Phoenix, Ariz.  
 Pueblo Tent & Awning Co., Pueblo, Colo.  
 Red Head Brand Co., Chicago, Ill.  
 Rowe (E. L.) & Sons, Gloucester, Mass.  
 St. Joseph Tent & Awning Co., St. Joseph, Mo.  
 Schaefer Tent & Awning Co., Denver, Colo.  
 Schilling (L. F.) Co., Salem, O.  
 Scott Omaha Tent & Awning Co., Omaha, Neb.  
 Seick Tent & Awning Co., Des Moines, Ia.  
 Smith & Adams, Salt Lake City, Utah  
 Smith (Arthur F.) Co., 141 Spring, New York, N. Y.  
 Southern Tent & Awning Co., Lexington, Ky.  
 Stoll Mfg. Co., Denver, Colo.  
 Sunvent Metal Awning Co., 3712 Bronx Blvd.,  
 New York, N. Y. "Sunvent"  
 Swanfelt Tent & Awning Co., Los Angeles, Cal.  
 Topeka Tent & Awning Co., Topeka, Kan.  
 Tucker Duck & Rubber Co., Fort Smith, Ark.  
 "Tuduco" (Tents)  
 Wenzel (H.) Tent & Duck Co., St. Louis, Mo.  
 Werner Canvas Products Co., 607 Bergen, B'klyn.,  
 N. Y.  
 Whall (Dick) Camp Goods Co., Athol, Mass.  
 "Whall"  
 Wheeling Tent & Awning Co., Wheeling, W. Va.  
 Wyandotte Awning & Tent Co., Kansas City, Kan.

## TENTS, Touring

Anton & Ackerman Co., Topeka, Kans.  
 Baker-Lockwood Mfg. Co., Inc., Kansas City, Mo.  
 Brooks Tent & Awning Co., Denver, Col. "Arapa-  
 hoe"  
 Canvas Products Co., St. Louis, Mo.  
 Clifton Mfg. Co., Waco, Tex.  
 Daniels (C. R.) Inc., 101 Crosby, New York, N. Y.  
 Dickey Mfg. Co., Toledo, O.  
 Field (Jas.) Co., Rochester, N. Y.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 "Hed-room"  
 Genesee Mfg. Co., Flint, Mich.  
 Goss (J. C.) Co., Detroit, Mich.  
 K. C. Fabric Products Co., Kansas City, Mo.  
 Michigan Tent & Awning Co., Detroit, Mich.  
 "Omar"  
 Phoenix Tent & Awning Co., Phoenix, Ariz.  
 Pueblo Tent & Awning Co., Inc., Pueblo, Colo.  
 "Pullman"  
 Schaefer Tent & Awning Co., Denver, Colo. "Red  
 Seal"  
 Schoelkopf Mfg. Co., Madison, Wis.  
 Stoll Mfg. Co., Denver, Colo.  
 Way Sagless Spring Co., Minneapolis, Minn.  
 Wenzel (H.) Tent & Duck Co., St. Louis, Mo.  
 Werner Canvas Products Co., 607 Bergen, B'klyn.,

## TENTS, Toy

Canvas Products Co., St. Louis, Mo.  
 Fuld, Wm., Baltimore, Md.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 K. C. Fabric Products Co., Kansas City, Mo.  
 Werner Canvas Products Co., 607 Bergen, B'klyn.,

## TERMITE CONTROL

Bliss Exterminator Co., Inc., 263 W. 54th, New  
 York, N. Y.  
 C-A Wood Preserver Co., 6623 Delmar Blvd., St.  
 Louis, Mo.  
 Elco Mfg. Co., 521 S. Aiken Av., Pittsburgh, Pa.  
 "Elco"  
 Goulard & Olena, Inc., 140 Liberty, New York,  
 N. Y.  
 Guarantee Exterminating Co., Inc., 500 Fifth Av.,  
 New York, N. Y.

TERNE PLATES—See Plates, Terne

TEST CLAMPS—See Clamps, Test

TESTERS, Battery—See Gages, Battery; also Hy-  
 drometers

TESTERS, Cream—See Testers, Milk and Cream

## TESTERS, Egg

Elbs, John G., Rochester, N. Y.  
 Hoeft Div. Bell & Gossett, Inc., 2309 Davis, North  
 Chicago, Ill.  
 Menominee Box & Lbr. Co., Menominee, Mich.  
 Petaluma Electric Incubator Co., Petaluma, Cal.

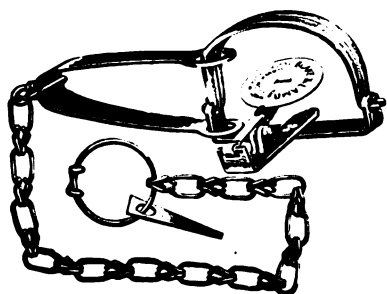
## TESTERS, Electric

Winzler Mfg. & Tool Co., 2145 W. Walnut, Chicago,  
 Ill. "Universal"



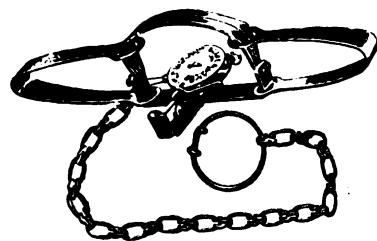
# BLAKE & LAMB

## ANIMAL TRAPS



No. 0, 1, 1 1/2 Long Spring

### LONG SPRING SIZES



No. 2, 3, 4 Long Spring



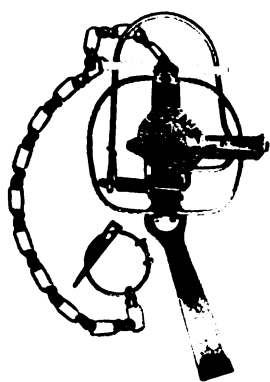
No. 0, 1, 1 1/2 Under Spring

### UNDER SPRING SIZES



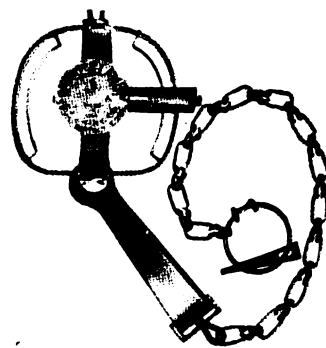
No. 2, 3, 4 Under Spring

## Two NEW ITEMS Of Very Definite Demand



No. 1 Guarded Trap

Ask your jobber for  
BLAKE & LAMB—the  
outstanding value of  
the steel trap mar-  
ket. Write to us for  
free sample and  
catalog.



No. 1, 1 1/2 Double Jaw

**THE HAWKINS COMPANY**  
AMERICA'S OLDEST TRAP MANUFACTURERS  
SOUTH BRITAIN, CONNECTICUT

**STERS, Jelly Juice**

meter, Inc., 271 Orchard Rd., Newark, Del. "Jel-meter"

**STERS, Milk and Cream**

Burrell Corp., Chicago, Ill. "Burrell Facile"  
amery Package Mfg. Co., Chicago, Ill.  
nning Mfg. Co., Rutland, Vt.  
x Island Mfg. Co., Rock Island, Ill.

**STERS, Soil**

clean (Jean) Vitamins, 707 Locust, Des Moines, Ia.

**STERS, Tube, Radio**

reme Instruments Corp., Greenwood, Miss.

**STERS, TIRE PRESSURE—See Gages, Tire****STERS, THER BALLS—See Balls, Tether****STERS, TEXTURE PAINTS—See Paints, Texture; also**

Paints, Plastic

**STERS, THEATRICAL STAGE RIGGING**

ancy (J. R.) Inc., Syracuse, N. Y.  
a (Chas.) Co., 49-14 Metropolitan Av., Bklyn., N. Y.

**STERS, THERAPEUTIC LAMPS—See Lamps, Therapeutic****STERS, THERMOMETERS, Advertising**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo.  
aney Mfg. Co., Springfield, O.  
oper Oven Thermometer Co., Pequabuck, Conn.  
rmanow-Simon Co., 413 St. Paul, Rochester, N. Y.  
"G-S Tel-Tru"  
veday (W. G.) Co., Salem, Mass. "Clearsite"  
ional Sheet Metal Co., Peru, Ill.  
io Thermometer Co., Inc., 110 W. Main, Springfield, O.  
chester Mfg. Co., Inc., Rochester, N. Y. "Rochester"  
reiber Thermometer Co., 21 W. 30th, New York, N. Y.  
andard Thermometer Corp., Syracuse, N. Y.  
aylor Instrument Companies, Rochester, N. Y. "Taylor"

**STERS, THERMOMETERS, Brooder and Incubator**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo.  
aney Mfg. Co., Springfield, O.  
as (Francis L.) Glass Wks., Conshohocken, Pa.  
ft Div. Bell & Gossett, Inc., 2309 Davis, N. Chicago, Ill.  
uator Moisture Guide Co., Springfield, Mo.  
"Patterson & Young"  
eller Instrument Co., Inc., 132nd & 89th Av., Richmond Hill, N. Y.  
kes Mfg. Co., Inc., Tipton, Ind.  
io Thermometer Co., Inc., 110 W. Main, Springfield, O.  
andard Thermometer Corp., Syracuse, N. Y.  
aylor Instrument Companies, Rochester, N. Y. "Taylor"

**STERS, THERMOMETERS, Candy, Jelly and Fat Frying**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo.  
aney Mfg. Co., Springfield, O.  
ermanow-Simon Co., 413 St. Paul, Rochester, N. Y.  
"G-S Tel-Tru"  
elmer, Inc., 271 Orchard Rd., Newark, Del. "Jel-meter"  
his Thermometer Co., Inc., 110 W. Main, Springfield, O.  
echeater Mfg. Co., Inc., Rochester, N. Y. "Rochester"  
chreiber Thermometer Co., 21 W. 30th, New York, N. Y. "Reider," "Surety"  
aylor Instrument Companies, Rochester, N. Y. "Taylor"

**STERS, THERMOMETERS, Dairy**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo.  
aney Mfg. Co., Springfield, O.  
reas (Francis L.) Glass Wks., Conshohocken, Pa.  
Moeller Instrument Co., Inc., 132nd & 89th Av., Richmond Hill, N. Y.  
Ohio Thermometer Co., Inc., 110 W. Main, Springfield, O.  
Standard Thermometer Corp., Syracuse, N. Y.  
Taylor Instrument Companies, Rochester, N. Y. "Taylor"  
estrite Instrument Co., 57 E. 11th, New York, N. Y.

**STERS, THERMOMETERS, Flush Switch Plate**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo. "Temp-Plate"

**STERS, THERMOMETERS, Hot Water and Brine**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo.  
echeater Mfg. Co., Inc., Rochester, N. Y.  
aylor Instrument Co., Rochester, N. Y. "Taylor"

**STERS, THERMOMETERS, Household**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo.  
Briddell (Chas. D.) Inc., Crisfield, Md. "Briddell"  
Chaney Mfg. Co., Springfield, O.  
Cooper Oven Thermometer Co., Pequabuck, Conn.  
"AD," "Classic," "KX," "Princess"  
Dorfmann Bros., Corona, L. I., N. Y. "Doros"  
Fee & Stenwedel, Inc., 4949 N. Pulaski Rd., Chicago, Ill. "Airguide"  
Geiner Thermometer Co., 3604 Park Av., New York, N. Y.  
Germanow-Simon Co., 413 St. Paul, Rochester, N. Y. "G-S Tel-Tru"  
Loveday (W. G.) Co., Salem, Mass. "Clearsite"  
Mayer Mfg. Co., 3130 W. 51st, Chicago, Ill.  
Moeller Instrument Co., Inc., 132nd & 89th Av., Richmond Hill, N. Y.  
Muter Co., 1255 S. Michigan Av., Chicago, Ill. "Telaire"  
Ohio Thermometer Co., Inc., 110 W. Main, Springfield, O.  
Patent Novelty Co., Inc., Fulton, Ill.  
Precision Products Co., Waltham, Mass. "Easy-to-Sec"  
Rochester Mfg. Co., Inc., Rochester, N. Y. "Rochester"  
Schreiber Thermometer Co., 21 W. 30th, New York, N. Y. "Decore," "Surety"  
Standard Thermometer Corp., Syracuse, N. Y.  
Swift & Anderson, Inc., 111 Summer, Boston, Mass.  
Taylor Instrument Companies, Rochester, N. Y. "Taylor," "Temprite"  
Testrite Instrument Co., 57 E. 11th, New York, N. Y.  
s-Way Thermometer Co., Greenwich, Conn.  
Weston Electrical Instrument Corp., 586 Frelinghuysen Av., Newark, N. J. "West-O-Therm"

**STERS, THERMOMETERS, Oven**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo.  
Chaney Mfg. Co., Springfield, O.  
Cooper Oven Thermometer Co., Pequabuck, Conn.  
"AD," "Classic," "KX"  
Germanow-Simon Co., 413 St. Paul, Rochester, N. Y.  
"G-S Tel-Tru"  
Moeller Instrument Co., Inc., 132nd & 89th Av., Richmond Hill, N. Y.  
Ohio Thermometer Co., Inc., 110 W. Main, Springfield, O.  
Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Perfection"  
Rochester Mfg. Co., Inc., Rochester, N. Y. "Rochester"  
Schreiber Thermometer Co., 21 W. 30th, New York, N. Y. "Accurate," "Bake-O-Meter," "Correct," "Efficient"  
Standard Thermometer Corp., Syracuse, N. Y.  
Taylor Instrument Companies, Rochester, N. Y. "Taylor"

**STERS, THERMOMETERS, Refrigerator**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo.  
Chaney Mfg. Co., Springfield, O.  
Cooper Oven Thermometer Co., Pequabuck, Conn.  
"AD," "Classic," "KX"  
Germanow-Simon Co., 413 St. Paul, Rochester, N. Y.  
"G-S Tel-Tru"  
Moeller Instrument Co., Inc., 132nd & 89th Av., Richmond Hill, N. Y.  
Ohio Thermometer Co., Inc., 110 W. Main, Springfield, O.  
Rochester Mfg. Co., Inc., Rochester, N. Y. "Rochester"  
Schreiber Thermometer Co., 21 W. 30th, New York, N. Y. "Efficient," "Ice-O-Meter"  
Testrite Inst. Co., 57 E. 11th, New York, N. Y.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.

**STERS, THERMOMETERS, Roast Meat**

American Thermometer Co., 2907 Clark Av., St. Louis, Mo.  
Chaney Mfg. Co., Springfield, O.  
Germanow-Simon Co., 413 St. Paul, Rochester, N. Y.  
"G-S Tel-Tru"  
Ohio Thermometer Co., Inc., 110 W. Main, Springfield, O.  
Rochester Mfg. Co., Inc., Rochester, N. Y. "Rochester"  
Schreiber Thermometer Co., 21 W. 30th, New York, N. Y. "Surety"  
Taylor Instrument Companies, Rochester, N. Y. "Taylor"

**STERS, THERMOSTATS**

Automatic Products Co., 2412 N. 32nd, Milwaukee, Wis. "A-P"  
Conco Corp., Mendota, Ill. "Sampsel"  
Cook Electric Co., 2700 Southport Av., Chicago, Ill. "Cook"  
Mercoid Corp., 4207 Belmont Av., Chicago, Ill.  
Minneapolis-Honeywell Regulator Co., 2747 Fourth Av., S. Minneapolis, Minn.  
Powers Regulator Co., 2736 Greenview Av., Chicago, Ill.  
Reza Mfg. Co., 79 Mt. Hope Av., Rochester, N. Y.  
"Reza"  
Spencer Thermostat Co., 34 Forest, Attleboro, Mass. "Klixon"  
THICKNESS GAGES—See Gages, Thickness

**STERS, THIMBLES, Rope**

Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O.  
Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
Maine Steel, Inc., South Portland, Me. "Hex-M"  
Roebeling's (John A.) Sons Co., Trenton, N. J.  
Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**STERS, THIMBLES, Stove Pipe**

Adams Co., Dubuque, Ia.  
Deshler Mail Box Co., Deshler, O.  
Eclipse Metal Mfg. Co., Eden, N. Y.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
Howes (S. M.) Co., Boston, Mass.  
Jacks-Evans Mfg. Co., 4400 N. Union Blvd., St. Louis, Mo.  
Kees (F. D.) Mfg. Co., Beatrice, Neb.  
Lawrence-Bostwick Mfg. Co., Ltd., Phelps, N. Y. "McGuire," "O.K."  
Majestic Co., Huntington, Ind.  
Milcor Steel Co., Milwaukee, Wis.  
Northwest Metal Products, Inc., Seattle, Wash.  
Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
Reeves Steel & Mfg. Co., Dover, O.  
Stover Mfg. & Engine Co., Freeport, Ill.  
Swett (A. L.) Iron Wks., Medina, N. Y.  
Weber-Kirch Mfg. Co., Kokuk, Ia. "Kirch"  
Wheeling Corrugating Co., Wheeling, W. Va.  
Wildner Mfg. Co., 2001 S. Main, Niles, O.

**STERS, THREAD FORMING SCREWS—See Screws, Self-Tapping, Hardened****STERS, THREAD GAGES—See Gages, Screw****STERS, THREADED CONDUIT FITTINGS—See Fittings, Threaded, Conduit****STERS, THREADERS, Pipe**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
Beaver Pipe Tools, Inc., 350 Herage Av., Warren, O. "Beaver"  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
Hart Mfg. Co., Cleveland, O. "Buckeye"  
Nye Tool & Mach. Wks., 4120 Fullerton Av., Chicago, Ill.  
Oster Mfg. Co., 2067 E. 61st Pl., Cleveland, O.  
Ridge Tool Co., Elyria, O. "Ridgid"  
Toledo Pipe Threading Mach. Co., Toledo, O.  
Walworth Co., 60 E. 42nd, New York, N. Y.  
Williams Tool Corp., Erie, Pa.

**STERS, THREADING MACHINES, Pipe**

American Die & Tool Co., Inc., Reading, Pa. "Red-E-Hall," "Red-E-Haul"  
Beaver Pipe Tools, Inc., 350 Herage Av., Warren, O. "Beaver"  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
Landis Machine Co., Waynesboro, Pa.  
Nye Tool & Mach. Wks., 4120 Fullerton Av., Chicago, Ill.  
Oster Mfg. Co., 2067 E. 61st Pl., Cleveland, O. "Tom Thumb"  
Toledo Pipe Threading Machine Co., Toledo, O.  
Williams Tool Corp., Erie, Pa.

**STERS, THREADING TOOLS—See Tools, Threading****STERS, THREADLESS CONDUIT FITTINGS—See Fittings, Threadless Conduit****STERS, THRESHOLDS—See Sills and Thresholds****STERS, THROTTLE VALVES—See Valves, Throttle****STERS, THUMB NUTS—See Nuts, Thumb****STERS, THUMB SCREWS—See Screws, Thumb****STERS, THUMB TACKS—See Tacks, Thumb****STERS, TICKET PUNCHES—See Punches, Ticket****STERS, TICKETS, Price**

Brandt & Brandt, 132 White, New York, N. Y.  
Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
Hopp Press, Inc., 460 W. 34th, New York, N. Y.  
Warren (J. D.) Mfg. Co., Montpelier, O.

**STERS, TIE-OUT CATTLE STAKES—See Stakes, Cattle, Tie-Out****STERS, TIE-OUT CHAINS—See Chains, Tie-Out****STERS, TIE PRESSERS—See Pressers, Tie, Electric****STERS, TIE RACKS—See Racks, Tie****STERS, TIES, Bag, Wire**

St. Louis Steel Products Co., 1509 N. B'way, St. Louis, Mo. "Ty-Tite"

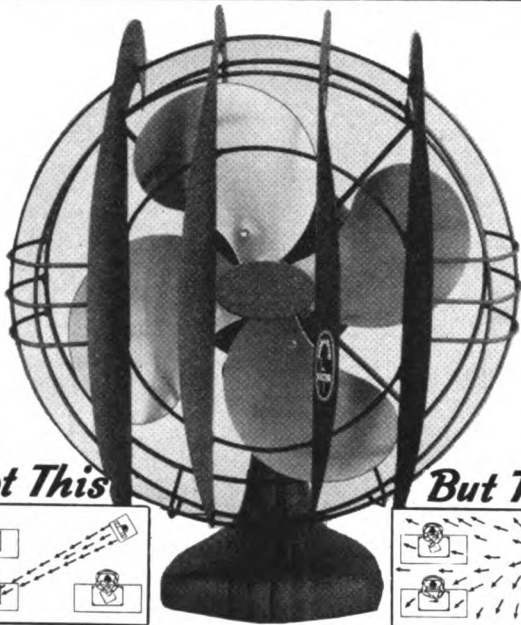
**STERS, TIES, Bale**

(See also Ties, Cotton)

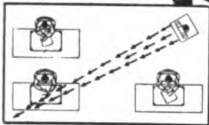
Acme Steel Co., 2838 Archer Av., Chicago, Ill.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American," "Blue Bonnett," "Cross Head"  
Atlantic Steel Co., Atlanta, Ga. "Dixisteel"  
Bethlehem Steel Co., Bethlehem, Pa. "Silver Star"  
Colorado Fuel & Iron Co., Denver, Col.  
Continental Steel Corp., Kokomo, Ind.  
Des Moines Bale Tie Co., Des Moines, Ia. "Best Tie Made"  
Downey (W. C.) & Co., Springfield, O.  
Gerrard Co., Inc., 2915 W. 47th Chicago, Ill.  
Keystone Steel & Wire Co., Peoria, Ill.  
Kokomo Bale Tie Co., Kokomo, Ind.

# VICTOR

## GENUINE "BREEZE-SPREADERS"

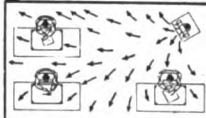


*Not This*



Ordinary fan cools only one person—with a blast.

*But This*



Victor "Breeze-Spreader" fans distribute air evenly.

### THE FAN LINE TO FEATURE!

The VICTOR line is the only line with the exclusive, genuine "Breeze-Spreader," the feature that sells Fans—makes Profits. High speed circulators, Overhead, desk and wall models. VICTOR also makes a complete line of Exhaust Fans. Complete catalog on request.



## VICTOR

### In-Bilt Ventilators



**FOR THE  
KITCHENS  
OF AMERICA**

Featured in leading magazines, approved by Good Housekeeping. VICTOR In-Bilts are the most popular line of Ventilating Fans in America, the choice of leading architects and builders. Famous 2-unit, round sleeve construction. Four models: 8", 10", 12".

### MAIL THIS COUPON NOW!

Victor Electric Products, Inc.  
Dept. J-1005, Robertson Ave., Cincinnati, Ohio.

Send me at once detailed information as checked below:

☐ Fans ☐ Ventilators

Name.....

Address.....

City..... State.....

# QUICK PROFITS!

## THE LAUSON

### SPORT KING

AIR COOLED 2½ H.P.

1. 4-cycle. Automotive type carburetor and high tension magneto ... Quick Starting!
2. Correct mixture of pure gasoline and air. No oil in gasoline ... Economy!
3. Operates like an automobile ... Easy to handle!
4. No water pump necessary ... Simplicity!
5. Crankshaft is ball bearing mounted ... less vibration, smoother running!
6. Underwater exhaust carries off gases ... Quiet operation!
7. Runs 9 hours on a gallon of gasoline! ... Save money!
8. Protection from 4-cycle competition! Patents applied for covering features which make 4-cycle outboards practical.



## THE LAUSON

### RSC—1½ H.P.

#### 4-CYCLE AIR COOLED

Ball Bearings—Counterbalanced crank-shaft for smooth operation and long life.

Patented Foot Starter—Light weight and dependable.

Aluminum Cylinder Head—For better cooling.

Magneto Ignition—High tension flywheel type.

RSC—The machined pad on the drive shaft side of the RSC engine permits direct mounting of generators, pumps, and similar equipment. The flyball type governor with close speed regulation is suitable for generator service.

Air and water cooled industrial engines available in sizes ranging from 1½ to 5½ H.P.

Write for catalog to Department "H"

## THE LAUSON COMPANY

NEW HOLSTEIN • WISCONSIN



**TIES, Bale (Continued)**

Mid-State Steel & Wire Co., Crawfordsville, Ind.  
Northwestern Steel & Wire Co., Sterling, Ill.  
"Climb-Hed," "Red Head," "Sterling"  
Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
Republic Steel Corp., Republic Bldg., Cleveland, O.  
Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
Shelby Wire Co., Shelby, O.  
Stanley Wks., New Britain, Conn.  
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala. "Blue Bonnet"  
Union Steel & Wire Co., Indianapolis, Ind.  
Wickwire Bros., Cortland, N. Y. (Sing's Loop)

**TIES, Bar, Wire**

St. Louis Steel Products Co., 1509 N. B'way, St. Louis, Mo. "Ty-Tite"

**TIES, Cattle and Horse**

Adams Bros. & Co., Utica, N. Y.  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
"Brown," "Triumph"  
Cleveland Chain & Mfg. Co., Cleveland, O. "Buck-eye," "Electra"  
Covert Mfg. Co., Troy, N. Y.  
Fricke (J. E.) Co., Phila., Pa.  
Gem Hammock & Fly Net Co., Milwaukee, Wis.  
Hess (Chas.) Co., 40-14 Metropolitan Av., Bklyn., N. Y.  
Hodell Chain Co., 3934 Cooper Av., Cleveland, O. "Hodell"  
Hogarty, Edw., Unionville, Conn.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
McKay Company, McKay Bldg., Pittsburgh, Pa.  
Mundorf Chain Wks., York, Pa.  
Ney Mfg. Co., Canton, O.  
North & Judd Mfg. Co., New Britain, Conn.  
Peerless Chain Co., Winona, Minn.  
Rugg (E. T.) & Co., Newark, O.

**TIES, Cotton**

(See also Ties, Bale)

Carnegie Steel Co., Pittsburgh, Pa.  
Colorado Fuel & Iron Co., Denver, Colo.  
Friedlander (Julius) & Co., Columbus, Ga.  
Riverside Mills, Augusta, Ga.  
Sharon Steel Hoop Co., Sharon, Pa.

**TIES, Cow—See Ties, Cattle****TIES, Fence, Snow**

St. Louis Steel Products Co., 1509 N. B'way, St. Louis, Mo. "Ty-Tite"

**TIES, Hay—See Ties, Bale****TIES, Horse—See Ties, Cattle and Horse****TIES, Wall**

American Sheet Metal Wks., 331 N. Alexander, New Orleans, La. "Crescent"  
American Steel Band Co., Bowman Bldg., Pittsburgh, Pa.  
Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "New Way"  
Consolidated Expanded Metal Co., Wheeling, W. Va. "Steelcrete"  
Heinz, Wm. V., 935 Hennepin, La Salle, Ill. "La Salle"  
Kee (F. D.) Mfg. Co., Beatrice, Neb.  
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.  
Merwin Mfg. Co., 19th & German, Erie, Pa.  
"Anchor," "Herringbone"  
Milcor Steel Co., Milwaukee, Wis.  
New Orleans Roofing & Metal Co., New Orleans, La.  
Norman (W. F.) Sheet Metal Mfg. Co., Nevada, Mo.  
Reeves Steel & Mfg. Co., Dover, O.  
Southwest Hdwe. Mfg. Co., Ft. Smith, Ark.  
Prescott (J. B.) & Son, Webster, Mass. "Morse"  
Union Steel Products Co., Albion, Mich.

**TIGHT BARRELS & KEGS—See Barrels & Kegs, Tight****TIGHTENERS, Box Strapping**

Acme Steel Co., 2838 Archer Av., Chicago, Ill.  
American Casting & Mfg. Corp., 30 Main Bklyn., N. Y.  
Brooks (E. J.) Co., 164 N. 13th, Newark, N. J.  
Signode Steel Strapping Co., 2635 N. Western Av., Chicago, Ill. "Apex"  
Stanley Wks., New Britain, Conn.  
West Leeburg Steel Co., Brackenridge, Pa.

**TIGHTENERS, CLOTHES LINE—See Fasteners, Clothes Line****TIGHTENERS, Furniture**

A. & F. Products, 1 W. 37th, New York, N. Y.  
"Holdems"  
De Boer Mfg. Co., Syracuse, N. Y. "Chairstay"  
Fulton Products Co., Essex Bldg., Bernardsville, N. J. "Sav-A-Chair"  
Superior Fastener Corp., 5224 N. Clark, Chicago, Ill. "Skotch"  
Wittliff Furniture Brace Co., 4810 Lorain Av., Cleveland, O.

**TIGHTENERS, Tire Chain**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn. "Weed"  
Backus Novelty Co., Smethport, Pa.  
Ryton Mfg. Co., Alliance, O. "Liberty"  
International Chain & Mfg. Co., York, Pa. "Campbell"  
Peerless Chain Co., Winona, Minn.

**TIGHTENERS, Wire**

Alliance Mfg. Co., Alliance, O. "Doo-Klip"

**TILE CEMENT—See Cement, Tile****TILE CLEANERS—See Cleaners, Porcelain, Tile and Marble****TILE CUTTERS—See Cutters, Tile****TILE DRAIN CLEANERS—See Cleaners, Drain, Tile****TILE MARKERS—See Markers, Tile****TILE, Roofing and Wall**

Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
Milcor Steel Co., Milwaukee, Wis. "American," "Spanish," "Titelock"

**TILE SETTERS' HAMMERS—See Hammers, Tile Setters' Forged Steel****TILE SETTERS' TOOLS—See Tools, Tile Setters'****TILE SHOVELS—See Shovels and Spades****TILE SPADES—See Shovels and Spades****TILING SPADES—See Spades, Tiling****TILLER ROPE—See Rope, Tiller****TIMBER BRACES—See Braces, Trench & Timber****TIMBER DOLLIES—See Dollies, Timber****TIMBER TONGS—See Tongs, Log, Timber, etc.****TIME CHECKS—See Checks, Brass, Time, Tool and Pay****TIME CLOCKS—See Clocks, Time****TIME LOCKS—See Locks, Time****TIME STAMPS—See Stamps, Time****TIME SWITCH CLOCKS—See Clocks, Time Switch****TIMERS—See Watches, Stop****TIMERS, Egg**

National Sheet Metal Co., Peru, Ill.  
Washburn Company, Worcester, Mass.

**TIMERS, Talk**

Phone-O-Meter Co., 393 Main, Orange, N. J.

**TIN, Bar**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., B'klyn, N. Y.  
National Lead Co., 111 B'way, New York, N. Y.

**TIN, Block**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., B'klyn, N. Y.  
National Lead Co., 111 B'way, New York, N. Y.  
**TIN CAN MARKING DEVICES—See Devices, Marking, Tin Can**

**TIN CAN SEALERS—See Machines, Can Sealing****TIN FERRULES—See Ferrules, Tin and Sheet Metal****TIN HORNS, Toy—See Horns, Carnival, Toy, etc.****TIN LEAD—See Lead, Tin****TIN MEASURES—See Measures, Tin****TIN, Pig**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
Belmont Smelting & Refining Works, Inc., 317 Belmont Av., B'klyn, N. Y.  
National Lead Co., 111 B'way, New York, N. Y.

**TIN PLATE**

Apollo Metal Wks., Chicago, Ill. (Plated)  
Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn., N. Y.  
Bethlehem Steel Co., Bethlehem, Pa.  
Carnegie-Illinois Steel Corp., Pittsburgh, Pa.  
"American" (Cokes & Charcoals)  
Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
Follansbee Bros. Co., Follansbee, W. Va.  
Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"  
McKeesport Tin Plate Co., McKeesport, Pa.  
Milcor Steel Co., Milwaukee, Wis.  
Republic Steel Corp., Republic Bldg., Cleveland, O.  
Taylor (N. & G.) Co., Cumberland, Md.  
Washington Tinplate Co., Washington, Pa.  
Weirton Steel Co., Weirton, W. Va.  
Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"  
Youngstown Steel Products Co., Youngstown, O.

**TIN ROOFING CAPS—See Caps, Roofing, Tin****TIN SOLDIERS—See Soldiers, Toy****TIN TOYS—See kind desired****TIN VALLEY—See Valley, Roofing****TIN WARE—See Ware, Tin****TINNED SPOONS—See Spoons, Tinned****TINNED TABLE WARE—See Ware, Table, Tinned****TINNED WIRE—See Wire, Tinned****TINNERS' HAMMERS—See Hammers, Tinnners' Forged Steel****TINNERS' NIPPERS—See Nippers, Tinnners'****TINNERS' PUNCHES—See Punches, Hand****TINNERS' RIVETS—See Rivets, Tinnners'****TINNERS' RULES—See Rules, Tinnners'****TINNERS' SHEARS—See Snips, Tinnners'****TINNERS' Snip—See Snips, Tinnners'****TINNERS' TOOLS and SUPPLIES—See article desired****TINSEL—See Ornaments, Christmas Tree****TINSEL GARLANDS—See Garlands, Tinsel****TINSEL SPONGES—See Sponges, Tinsel****TIPS, Chair and Crutch, Rubber**

Auburn Rubber Corp., Auburn, Ind.  
Bassick Co., Bridgeport, Conn. "Feltoid"  
Continental Rubber Wks., Erie, Pa.  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
Elastic Tip Co., 370 Atlantic Av., Boston, Mass. "SprinGrip (Rubber & Leather)"  
Franklin Rubber Corp., 434 E. Allegheny Av., Phila., Pa.  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
Lee Tire & Rubber Co., Conshohocken, Pa.  
Metamora Rubber Wks., Metamora, O.  
Miller (Robert E.), Inc., 35 Pearl, New York, N. Y.  
National India Rubber Co., Bristol, R. I.  
Netherland Rubber Co., Cincinnati, O.  
Schacht Rubber Mfg. Co., Huntington, Ind.  
Seamless Rubber Co., New Haven, Conn. "Never-Slip"  
Steckler Sales Co., 23 E. 22nd, New York, N. Y. "E-Z"

Tyer Rubber Co., Railroad, Andover, Mass. "Tyer"  
Uniflex Rubber Co., Rutherford, N. J.  
Williams-Bowman Rubber Co., 1939 S. 54th Av., Cicero, Ill. "Wilbow"

**TIPS, Fishing Rod**

Horrocks-Ibbotson Co., Dept. S., Utica, N. Y.  
Horton Mfg. Co., Bristol, Conn.  
Lee's Tackle Mfg. Corp., 324 N. E. 13th, Miami, Fla.  
Montague City Rod Co., Montague City, Mass.  
South Bend Bait Co., South Bend, Ind.

**TIPS, Furniture Felt**

Bassick Co., Bridgeport, Conn. "Feltoid"  
Miller (Robert E.), Inc., 35 Pearl, New York, N. Y.

**TIPS, Gas Burner**

American Lava Corp., Chattanooga, Tenn.  
New Process Metal Corp., 46 Center, Newark, N. J. "Liberty"

**TIPS, Lava—See Tips, Gas Burner****TIPS, Rubber—See Tips, Chair and Crutch****TIRE BOLTS—See Bolts, Stove and Tire****TIRE CARRIERS—See Holders, Tire****TIRE CHAIN CLAMPS—See Clamps, Chain, Tire****TIRE CHAIN FASTENERS—See Fasteners, Tire Chain****TIRE CHAIN LOCKS—See Locks, Chain, Tire****TIRE CHAIN TIGHTENERS—See Tighteners, Tire Chain****TIRE CHAIN TOOLS—See Tools, Tire Chain Repair****TIRE CHAINS—See Chain or Grips, Tire, Non-Skid; also Chains or Hooks, Mud Extricator****TIRE FLUIDS—See Fluids, Tire, Bicycle****TIRE LOCK CHAINS—See Chains, Tire Lock****TIRE LOCKS—See Locks, Spare Tire****TIRE PATCHES—See Patches, Tire Repair****TIRE PRESSURE GAGES—See Gages, Tire Pressure****TIRE PUMPS—See Pumps, Tire****TIRE REPAIR KITS—See Kits, Tire Repair****TIRE STRAPS—See Straps, Leather****TIRE VALVES—See Valves, Tire****TIRE VULCANIZERS—See Vulcanizers, Tire****TIRES, Automobile, Pneumatic**

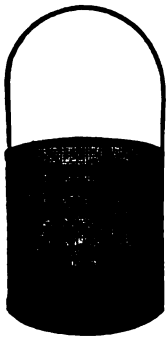
(See also Tubes, Automobile, Inner)

Cooper Corp., Akron, O.  
Dayton Rubber Mfg. Co., Dayton, O. "Thorobred"  
Diamond Rubber Co., Inc., Akron, O.  
Dunlop Tire & Rubber Corp., Buffalo, N. Y.  
Falls Rubber Co., Inc., Akron, O.  
Firestone Tire & Rubber Co., Akron, O.  
Fisk Tire Co., Chicopee Falls, Mass.  
General Tire & Rubber Co., Akron, O. "Jumbo"  
Giant Tire & Rubber Co., Akron, O.  
Goodrich (B. F.) Rubber Co., Akron, O. "Cavalier," "Commander," "Silvertown"  
Goodyear Tire & Rubber Co., Akron, O.  
Kelly-Springfield Tire Co., Cumberland, Md. "Kant-Slip"  
Lee Tire & Rubber Co., Conshohocken, Pa.  
Mansfield Tire & Rubber Co., Mansfield, O. "Mansfield," "Century," "Richland,"  
Master Tire & Rubber Corp., Akron, O.  
Miller Rubber Products Co., Inc., Akron, O.  
Mohawk Rubber Co., Akron, O. "Little Chief"  
Norwalk Tire & Rubber Co., Norwalk, Conn. "Gold Standard," "Norco," "Ortho"  
Pennsylvania Rubber Co., Jeannette, Pa. "Tuxedo"  
Pharis Tire & Rubber Co., Newark, O. "Road Grip-per"  
Seiberling Rubber Co., Akron, O. "All Tread," "Fortage"  
United States Rubber Co., 1230 6th Av., New York, N. Y. "Peerless," "Royal"

# Jelliff Wire Mesh Products

Jelliff has specialized in Wire Mesh Products for over 60 years. This long experience has resulted in knowing what is right for the purpose intended and how best to make it.

The steadily increasing demand for Jelliff Wire Mesh Products proves that they have high quality and durability built into them. They serve and satisfy customers unfailingly.



**DIPPING BASKETS**

Latest type welded. Special baskets made to specifications or blueprints.

## JELLIFF SCREEN CLOTH

Jelliff Screen Cloth is always made full wire gauge for grade specified, uniform of mesh, also conforming to specifications of the U. S. Bureau of Standards. Jelliff draw their own wire for weaving by a specialized process in their own mill. Every roll of screen cloth is rigidly inspected before shipment and guaranteed free from knots or splices in warp or chute. Furnished in Bronze, Copper, Aluminum, Monel, Stainless Steel and Special Alloys. Prompt stock shipments.

Other weaves from 1" to 200 mesh and filter cloth as fine as 750 mesh, woven from all metals and alloys.

## Jelliff Brass Strainer Cloth

A standard product with the majority of Hardware Dealers for many years. Packed in attractive cartons containing a roll 12" wide by 60" long, or larger roll 36" wide by 100" long. All standard meshes. Send for Literature and Prices on the complete Jelliff line.



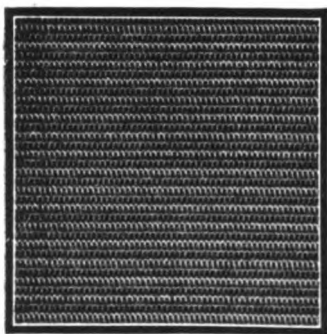
**SCREEN CLOTH**

Widths from 18" to 72" in even inches — 50' to 100' lengths.

## PROFITABLE SELLING

Jelliff Wire Mesh Products invariably bring customers back for more of the same dependable kind. That is why they are such profitable selling products for dealers.

Jelliff Engineers have a wide experience and will gladly help in recommending the proper mesh or assembly to meet specific requirements economically. Feel free to consult them at any time.



Dutch or Corduroy: Dutch or corduroy weave is obtained by completely closing the space between the filling wires. A heavy warp wire which remains perfectly straight is used. This style possesses strength with an extremely fine mesh. Other standard weaves such as crimp, braided, twilled, etc., in varying sizes and metals also available.

*Something New!*

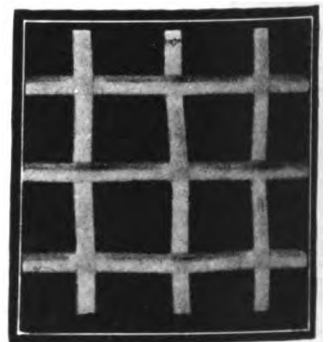
**LEKTROMESH**

MADE ELECTROLYTICALLY

Lektromesh is wire mesh without wires. It is made by depositing electrolytically any virgin metal to form a design which can then be had in continuous sheets of literally any length, in standard wire mesh widths.

It is available in varying thickness. Percentages of openings in Lektromesh are comparable to the openings in industrial grades of wire mesh. Made with 40 to 150 holes per linear inch of varying thickness and hole sizes.

Two Mesh with .105 wire. The selection of mesh depends upon the number of openings desired per linear inch, gauge of wire and kinds of metal. Standard widths from 24 to 48 inches. Standard lengths 100 feet. Special widths and meshes to specifications.



NOTE: It is impossible to list all combinations of wire cloth shown in our catalog. Send us your specifications or requirements and we will gladly give our recommendations and prices.

Jelliff wire mesh quality products for 60 years.

**THE C. O. JELLIFF MFG. CORP.**  
Wire Products Since 1880  
SOUTHPORT, CONN.



Mention Hardware Age When Writing

Digitized by Google

**TIRES, Bicycle, Pneumatic**

Continental Rubber Wks., Erie, Pa. "Vitalie"  
 Firestone Tire & Rubber Co., Akron, O.  
 Fisk Tire Co., Chicopee Falls, Mass.  
 Gillette Rubber Co., Eau Claire, Wis. "Gillette"  
 Goodrich (B. F.) Rubber Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Indiana Rubber & Insulated Wire Co., Jonesboro, Ind.  
 Mansfield Tire & Rubber Co., Mansfield, O. "Mansfield," "Black Beauty," "Century," "Challenger," "Champion," "Chief," "Giant Lynx," "Richland"  
 Pennsylvania Rubber Co. of America, Inc., Jeanette, Pa.  
 Pharis Tire & Rubber Co., Newark, O. "Comrade," "Roadgripper," "York"  
 United States Rubber Co., 1230 6th Av., New York, N. Y.

**TIRES, Juvenile Vehicle**

Continental Rubber Wks., Erie, Pa.  
 Eilat Rubber Co., Akron, O. "Clipper"  
 Gardner Wire Co., 5045 W. Lake, Chicago, Ill.  
 "Calcutt's"  
 General Tire & Rubber Co., Akron, O. "Jumbo, Jr."  
 Jenkins Bros., 80 White, New York, N. Y.  
 Musselman Products Co., 6242 St. Clair Av., Cleveland, O. "Doenut"  
 Patented Products & Rubber Co., 4236 3rd, Detroit, Mich.  
 R-C-A Rubber Co., Akron, O.

**TIRES, Motorcycle—See Tires, Bicycle****TOASTERS, Automatic, Electric**

Crocker-Wheeler Electric Mfg. Co., Ampere, N. J. "Toast-O-Lator"  
 Dominion Electrical Mfg. Co., Mansfield, O. "Toast-O-Matic"  
 Fitzgerald Mfg. Co., Torrington, Conn. "Magic Maid"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "Tel-A-Matic"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Manning, Bowman & Co., Meriden, Conn.  
 McGraw Electric Co., Toastmaster Products Div., Elgin, Ill. "Toastmaster"  
 Miracle Products, Inc., 36 S. State, Chicago, Ill.  
 Porcelier Mfg. Co., Greensburg, Pa.  
 Proctor Electric Co., 7th & Tabor Rd., Phila., Pa.  
 Jamson-United Corp., Rochester, N. Y. "Tri-Matic"  
 Stern-Brown, Inc., 42-24 Orchard, Long Island City, N. Y.  
 Superior Electric Products Corp., Cape Girardeau, Mo. "Superelectric"  
 Utility Electric Co., 620 Tower Grove Av., St. Louis, Mo. "Toastwell"  
 Westinghouse Elec. & Mfg. Co., Mansfield, O.

**TOASTERS, Electric**

Harsted Mfg. Co., Fostoria, O. "Auto-Toastmaker"  
 Jetty Ross Electric Products Corp., Johnson City, N. Y.  
 Chicago Electric Mfg. Co., Chicago, Ill. "Handy-hot"  
 Chicago Flexible Shaft Co., Chicago, Ill. "Sunbeam"  
 Dominion Electrical Mfg. Co., Mansfield, O.  
 Electro Mfg. Co. of America, Phila., Pa. (Auto-matic)  
 Fryday Electric Co., Marion, Ind.  
 Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Hotpoint"  
 Hamilton Metal Products Co., Inc., 53 W. Exchange, Akron, O.  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "KM," "Kwikway," "Reverso"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 McGraw Electric Co., Toastmaster Products Div., Elgin, Ill. "Toastmaster Jr."  
 Manning-Bowman & Co., Meriden, Conn.  
 Metal Ware Corp., Two Rivers, Wis. "Empire"  
 Miracle Products, Inc., 36 S. State, Chicago, Ill. "Miracle"  
 National Stamping & Electric Wks., 3212 W. Lake, Chicago, Ill. "White Cross"  
 Proctor Electric Co., 7th & Tabor Rd., Phila., Pa.  
 Porcelier Mfg. Co., Greensburg, Pa.  
 Tutenber Electric Co., Marion, Ind. "Flip Flop"  
 "Marion"  
 Jamson-United Corp., Rochester, N. Y.  
 Ken Chief Electric, Inc., Winsted, Conn.  
 Stern-Brown, Inc., 42-24 Orchard, Long Island City, N. Y. "Superstar"  
 Superior Electric Products Co., Cape Girardeau, Mo. "Superelectric"  
 Utility Electric Co., 620 Tower Grove Av., St. Louis, Mo. "Toastwell"  
 Waage, A. H., 27 Warren, New York, N. Y.  
 Waage Mfg. Co., 3982 W. Barry Av., Chicago, Ill.  
 Weining-Made-Rite Co., 10750 Berea Rd., Cleveland, O. "Made-Rite"  
 Westinghouse Electric & Mfg. Co., Mansfield, O.

**TOASTERS, Gas, Etc.**

Hall & Carpenter, Phila., Pa. "Crown"  
 Jamblin & Russell Mfg. Co., Worcester, Mass.  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Perfection"  
 Racine Iron & Wire Wks., Racine, Wis.  
 Bender (W. J.) Co., Cleveland, O.  
 United Steel & Wire Co., Battle Creek, Mich.  
 Washburn Company, Worcester, Mass.

Wilson Mfg. Co., Niles, O. "Acme," "Jewel," "Ohio," "Pittsburgh," "Pyramid"

**TOASTERS, Sandwich, Electric**

Dominion Electrical Mfg. Co., Mansfield, O. "Sandwich Queen"  
 Edison (Thos. A.), Inc., West Orange, N. J. "Edi-craft"  
 General Electric Co., Bridgeport, Conn. "Hotpoint"  
 Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "KM," "Kwikway"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Monarch Aluminum Mfg. Co., 9301 Detroit Av., Cleveland, O. "Low-Boy," "Ritz"  
 Porcelier Mfg. Co., Greensburg, Pa.  
 Stern-Brown, Inc., 42-24 Orchard, Long Island City, N. Y. "Superstar"  
 Utility Electric Co., 620 Tower Grove Av., St. Louis, Mo. "Toastwell"  
 Weining-Made-Rite Co., 10750 Berea Rd., Cleveland, O. "Made-Rite"

**TOASTING FORKS—See Forks, Toasting****TOBACCO CUTTERS—See Cutters, Tobacco****TOBACCO SPEARS—See Spears, Tobacco****TOBACCO SPUDS**

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Ohlen-Bishop Co., Columbus, O.

**TOBOGGAN CUSHIONS—See Cushions, Toboggan****TOBOGGAN SLIDES—See Slides, Toboggan****TOBOGGANS**

Lund (C. A.) Co., Hastings, Minn.  
 Northland Ski Mfg. Co., St. Paul, Minn.  
 Paris Mfg. Co., South Paris, Me.  
 Strand (Martin A.) Ski Co., New Richmond, Wis.  
 Toe Nail Clippers—See Clippers, Finger and Toe Nail

**TOGGLE BOLTS—See Bolts, Toggle****TOILET BOWL BRUSHES—See Brushes, Toilet Bowl****TOILET, Clocet, Tanks—See Tanks, Toilet, Clocet****TOILET PAPER—See Paper, Toilet****TOILET PAPER HOLDERS—See Holders, Toilet Paper****TOILET SEAT HINGES—See Hinges, Toilet Seat****TOILET SEATS—See Seats, Toilet****TOILET TANK FLUSHERS—See Flushers, Clocet Tank****TOILETS, Chemical**

Dall Steel Products Co., Lansing, Mich. "Wolverine"  
 Dobbins Mfg. Co., N. St. Paul, Minn. "Blue Ribbon," "D & B," "Winner"  
 Hart Mfg. Co., Louisville, Ky.  
 National Metal Products Co., Waterloo, Ia. "White Cross"  
 San-Equip, Inc., E. Brighton & Glen Aves., Syracuse, N. Y. "San-Equip"  
 Smith System Heating Co., Minneapolis, Minn.  
 Superior Churn & Mfg. Co., Northville, Mich.  
 United Engine Co., Lansing, Mich.  
 Western Metal Specialty Co., Milwaukee, Wis.  
 "Badger," "Chem-O-Let," "Standard Automatic"

**TOILETS, Waterless**

San-Equip, Inc., E. Brighton & Glen Aves., Syracuse, N. Y. "San-Equip"  
 Waterman-Waterbury Co., Minneapolis, Minn.  
 Western Metal Specialty Co., Milwaukee, Wis. "Chem-O-Let"

**TONGS, Blacksmiths'**

Ronney Forge & Tool Wks., Allentown, Pa.  
 Champion DeArment Tool Co., Meadville, Pa.  
 Dallett (Thos. H.) Co., Phila., Pa.  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Plumb (Fayette R.), Inc., Phila., Pa.  
 Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

**TONGS, Clinker**

Adams Co., Dubuque, Ia.  
 B. B. Specialty Co., Minneapolis, Minn. "Perfection"  
 Cleveland Steel Spec. Corp., 3767 E. 19th, Cleveland, O.  
 Fennie Mfg. Co., Reading, Pa.  
 Farrell-Cheek Steel Co., Sandusky, O.  
 Michigan Iron Goods Co., Niles, Mich. "Klink-R-Tong"  
 Midwest Tool Mfg. Co., Cleveland, O.  
 Staley Mfg. Corp., Columbus, Ind.

**TONGS, Household**

Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 Akron-Selle Co., Akron, O. "Best Way"  
 Brown, John Clark, 525 Lexington Av., New York, N. Y. "Tick-Tock," "Wizard"  
 Burpee Can Sealer Co., 218 W. Liberty, Barrington, Ill. "Hot-Lift"

Chief Products Co., 701 E. 59th, Los Angeles, Cal. "Chief"

Dill Mfg. Co., 684 E. 82d, Cleveland, O. "Pom"  
 Gordon Mfg. Co., 110 E. 23rd, New York, N. Y. "Safeway"  
 Handy Things Mfg. Co., Ludington, Mich.  
 Ohlson Metal Products Co., Waltham, Mass. "Serva"  
 Wisconsin Aluminum Fdry. Co., Inc., Manitowoc, Wis. (For handling hot cans)

**TONGS, Ice**

Bonney Forge & Tool Wks., Allentown, Pa.  
 Conco Engineering Wks., Mendota, Ill. "Husky"  
 Henderson, D., Dallas, Tex.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Hoosier Metal Products, Inc., Columbus, Ind.  
 Kees (F. D.) Mfg. Co., Beatrice, Neb.  
 Marion Tool Corp., Marion, Ind.  
 Napier Co., 389 5th Av., New York, N. Y. (Miniature)  
 Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.  
 Smith (F. P.) Wire & Iron Wks., 2848 Clybourn Av., Chicago, Ill.  
 Sommer (J. L.) Mfg. Co., 251 New Jersey Railroad Av., Newark, N. J.  
 Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y. "Handy"  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Streeter (N. R.) & Co., Rochester, N. Y. "Sensible"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Jack Frost," "V. & B."  
 Williamson (C. T.) Wire Novelty Co., 53 Badger Av., Newark, N. J.

**TONGS, Ice Cube**

Chase Brass & Copper Co., Waterbury, Conn.  
 Manning, Bowman & Co., Meriden, Conn.  
 Ohlson Metal Products Co., Waltham, Mass. "Serv-ice"  
 Wallace Bros., Wallingford, Conn. "W. B. W."  
 West Bend Aluminum Co., West Bend, Wis.  
 Williamson (C. T.) Tire & Novelty Co., 53 Badger Av., Newark, N. J.  
 Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

**TONGS, Log, Timber, Etc.**

American Logging Tool Co., Ewart, Mich.  
 Dixie Logging Tool Co., Chattanooga, Tenn.  
 Snow & Nealey Co., Bangor, Me. "Our Best"  
 Warren Axe & Tool Co., Warren, Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Works, Verona, Pa.

**TONGS, Oyster and Clam**

Briddell (Chas. D.), Inc., Crisfield, Md. "Briddell"  
 Ennis Mfg. Co., Reading, Pa. (Crab)  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y. (Oyster)

**TONGS, Pipe, Chain**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill. "Armstrong Bros.," "Ideal"  
 Saunders (D.) Sons, Yonkers, N. Y.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan," "Vulcan Boll-Weevil," "Vulcan Superior"

**TONGS, Rail**

Iron City Tool Works, Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Works, Verona, Pa.

**TONGS, Railroad Tie**

Hubbard & Co., Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Works, Verona, Pa.

**TONGS, Rivet**

Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

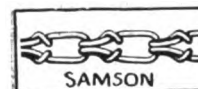
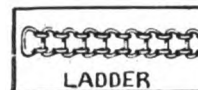
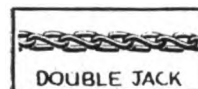
**TONGS, Skidding**

American Logging Tool Co., Ewart, Mich.  
 Dixie Logging Tool Co., Chattanooga, Tenn.  
 Peavey Mfg. Co., Brewer, Me.  
 Snow & Nealey Co., Bangor, Me. "Our Best"  
 Warren Axe & Tool Co., Warren, Pa. "Bull Dog"  
 Woodings-Verona Tool Wks., Verona, Pa.

**TOOL BAGS or ROLLS—See Bags or Rolls, Tool****TOOL BOXES—See Boxes, Tool****TOOL CABINETS—See Cabinets, Tool****TOOL CHECKS—See Checks, Brass, Time, Tool and Pay****TOOL CHESTS—See Chests, Tool****TOOL CHESTS, Boys—See Chests, Tool, Boys'****TOOL CLEANERS—See Cleaners, Pipe Tool****TOOL GRINDERS—See Grinders, Bench****TOOL HANDLES—See Handles, Tool, Small, Etc.****TOOL HOLDER BITS—See Bits, Tool Holder**



Hodell



# CHAIN

## AND CHAIN PRODUCTS

For more than half-a-century the name of HODELL has stood for CHAIN and CHAIN PRODUCTS of dependable quality.

The big HODELL line includes *everything* in CHAIN and CHAIN PRODUCTS for which there is a worth while demand. Remember when you buy and sell

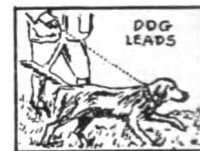
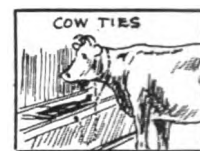
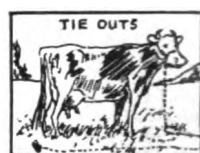
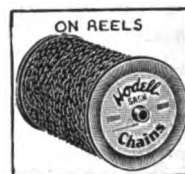
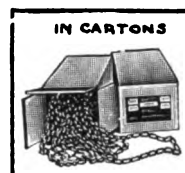
## Hodell CHAIN

you are backed by a responsible company—a firm that has been in business continuously since 1886.

Here are illustrated but a few of the many types of HODELL chain which are quick, profitable sellers.

Send for Complete Catalog and Trade-prices.

**THE HODELL CHAIN CO.**  
3934 Cooper Ave., Cleveland, Ohio  
Established 1886



## MANUFACTURERS FOR THE HARDWARE TRADE



### DISINFECTANTS AND DEODORANTS

Coal Tar Disinfectants  
Pine Oil Disinfectants  
Urinal Cakes  
Deodorant Blocks  
Perfume Sprays  
Pine Deodorant

### FLY SPRAYS

### MOTH SPRAYS

### INSECTICIDES

### LIQUID SOAPS HAND—FLOOR



### POLISHES

Metal  
Furniture  
Bar Oil  
Cedar Oil  
Silver Paste  
Lemon Oil

### WAXES

Non-Rubbing  
Prepared Liquid  
Prepared Paste  
Powdered Dance Wax



Write for Our Descriptive Catalogue and Price List.

## UNCLE SAM CHEMICAL CO., INC.

329 East 29th Street

ESTABLISHED 1915

New York, N. Y.

Mention Hardware Age When Writing

**HOL HOLDERS**—See Holders, Tool  
**HOL KITS**—See Kits, Tool  
**HOLMAKERS' CLAMPS**—See Clamps, Toolmakers'  
**HOL RACKS**—See Racks, Tool  
**HOL SETS**—See Sets, Tool; also Kits, Tool  
**HOL SHARPENERS**—See Sharpeners, Tool  
**HOL SOCKETS**—See Sockets, Tool  
**HOL STEEL**—See Steel, Tool  
**HOL STONES**—See Stones, Tool  
**HOL WEDGES**—See Wedges, Box, Spoke and Tool  
**HOLS**—See kind desired

## TOOLS, Agricultural

American Fork & Hoe Co., Cleveland, O. "True Temper"  
 American Fork & Hoe Co., Columbus, O. "Razor-Back," "Speedline," "Union"

## TOOLS, Anvil

Eller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Hampton-De Arment Tool Co., Meadville, Pa.  
 On City Tool Works, Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Farwood Tool Co., Wheeling, W. Va.  
 Toolings-Verona Tool Works, Verona, Pa.

## TOOLS, Asbestos and Slate Cutting

Parsons Bros. Slate Co., Pen Argyl, Pa. "Parsons"  
**TOOLS, Assorted**—See Tools, in Assortments

## TOOLS, Automobile, Body and Fender

American Grinder & Specialty Corp., Fond Du Lac, Wis. "Hydra-Kit"  
 Cornwell Quality Tools Co., Mogadore, O. "Cornwell"  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Ammett Mfg. Co., Kansas City, Mo.  
 Eller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
 Jarcy Tool Wks., Putnam, Conn.  
 Osborne (C. S.) & Co., Harrison, N. J.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Peck Tool Corp., New Wilmington, Pa. "Old Forge"  
 Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Trimont Mfg. Co., Inc., Roxbury (Boston), Mass. "Trimo-Ferguson"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel"  
 Lehek Tool Co., 3006 E. 87th, Cleveland, O.  
 Farwood Tool Co., Wheeling, W. Va.  
 Wright Tool & Forge Co., Barborton, O.

## TOOLS, Beading

Runner & Lay Co., Chicago, Ill.  
 Macabell Tool Mfg. Co., Inc., 220 Adams, Bklyn, N. Y.  
 Cleveland Steel Tool Co., Cleveland, O.  
 Eagle Tool Wks., Bayonne, N. J.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Oldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
 On City Tool Wks., Pittsburgh, Pa.  
 Leetonia Tool Co., Leetonia, O.  
 Marshalltown Trowel Co., Marshalltown, Ia.  
 Lomb Tool Co., Los Angeles, Cal.  
 Pratt & Whitney Co., Hartford, Conn.  
 Roe (Wm.) & Bros., Sharon Hill, Pa.  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Farwood Tool Co., Wheeling, W. Va.  
 iedeke (Gustav) & Co., Dayton, O.

## TOOLS, Bicycle Tire Valve

Amson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
 Harris (D. P.) Hdwe. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast"

**TOOLS, Blacksmiths**—See article desired

## TOOLS, Boring

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Lynn Mfg. Co., 433 Bates, Detroit, Mich.  
 Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Toledo Pipe Threading Mach. Co., Toledo, O.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Agrippa"

## TOOLS, Box Strapping

Acme Steel Co., 2838 Archer Av., Chicago, Ill.  
 Brainerd Steel Corp., Warren, O.  
 Snodde Steel Strapping Co., 2635 N. Western Av., Chicago, Ill. "Apex"  
 Stanley Works, New Britain, Conn.  
 West Leeburg Steel Co., Brackenridge, Pa.  
**TOOLS, Butchers**—See article desired

## TOOLS, Caulking

Albert Tool Co., Mercer, Pa.  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, Bklyn, N. Y.  
 Carver Tool Wks., Spring Valley, N. Y.  
 Delaware Tool Co., Wilmington, Del.  
 Drew (C.) & Co., Kingston, Mass. "In and Out"  
 Eagle Tool Wks., Bayonne, N. J.  
 Hood Bros., Inc., 4386 Orchard, Phila., Pa.  
 International Nutup Tool Corp., Oswego, N. Y.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Johnson (William), Inc., 86 Brenner, Newark, N. J.  
 Leetonia Tool Co., Leetonia, O.  
 Mack & Co., Rochester, N. Y. "D. R. Barton"  
 Marcy Tool Wks., Putnam, Conn.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Miller Marine Co., 357 State, Perth Amboy, N. J.  
 Mound Tool Co., St. Louis, Mo.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Oxford Tool Co., 1633 N. 2nd, Phila., Pa.  
 Paine, Benjamin O., Milbury, Mass.  
 Penn Tool Co., 713 N. Broad, Phila., Pa.  
 Plomb Tool Co., Los Angeles, Cal.  
 Schmitt (Wm.) Co., Irvington, N. J.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
**TOOLS, Carpenters**—See article desired  
**TOOLS, Cartridge Loading**—See Tools, Loading, Cartridge and Shell

## TOOLS, Cement and Concrete

Atkins (E. C.) & Co., Indianapolis, Ind.  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Brunner & Lay Co., Chicago, Ill.  
 Buckeye Iron & Brass Wks., Dayton, O.  
 Columbus Handle & Tool Div., American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Dallett (Thos. H.) Co., Phila., Pa.  
 Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Drew (C.) & Co., Kingston, Mass.  
 Duffy Mfg. Co., Chicago, Ill.  
 Ennis Mfg. Co., Reading, Pa.  
 Franklin Tool Co., Buffalo, N. Y.  
 Goldblatt Tool Co., 1622 Walnut, Kansas City, Mo. "Trowel Brand"  
 Holtum Mfg. Co., Freeport, Ill.  
 Marshalltown Trowel Co., Marshalltown, Ia.  
 Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
 Piqua Emery Cutter & Fdry. Co., Piqua, O.  
 Sand's Level & Tool Co., 3629 Gratiot Av., Detroit, Mich. "Sand's"  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Ecoco"  
 Sterling Wheelbarrow Co., Milwaukee, Wis.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Union Fork & Hoe Co., Columbus, O. "Union"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Twentieth Century," "V. & B."  
 Vogl (Geo.) Tool Co., Kansas City, Mo.  
 Wrightville Hdw. Co., Wrightsville, Pa.

## TOOLS, Combination

American PlieRench Corp., 4611 N. Ravenswood Av., Chicago, Ill. "Eifel-Geared PlieRench"  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Tomahawk"  
 Gairing Tool Co., 1629 W. Lafayette Blvd., Detroit, Mich. "Gartool"  
 Ideal Instrument & Mfg. Co., 221 S. Hoyne Av., Chicago, Ill. "Lucky 7"  
 Stanley Tools Div. of Stanley Works, New Britain, Conn.  
 Utility Hardware Corp., 315 Berry, B'klyn, N. Y. "Utility"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B." (Shovel, Pick & Hoe)

## TOOLS, Coopers

(See also article desired)  
 Drew (C.) & Co., Kingston, Mass.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Mack Tool Co., East Rochester, N. Y. "D. R. Barton"  
 Stanley Tools Div. Stanley Works, New Britain, Conn.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 White (L. & I. J.) Co., Division of the Simonds-Worden-White Co., Dayton, O.

## TOOLS, Cutting Off

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill. (Carbide-Tipped)  
 Billings & Spencer Co., Hartford, Conn.  
 Williams (J. H.) & Co., 75 Spring, New York, N. Y. "Agrippa"

**TOOLS, Decorators**—See Tools, Painters' and Decorators'

## TOOLS, Electric Hammer

Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 Stanley Electric Tool Div., Stanley Works, New Britain, Conn.  
 Syntroin Co., 1938 Black, Homer City, Pa.

**TOOLS, Farm**—See article desired

## TOOLS, Farriers

(See also article desired)  
 Champion DeArment Tool Co., Meadville, Pa. "Air Pride"  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.

Iron City Tool Wks., Pittsburgh, Pa.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel"

## TOOLS, Fence

Diamond Calk Horseshoe Co., 4622 Grand 'Av., Duluth, Minn.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.

## TOOLS, Forest Fire, Fighting

Rich, C. H., Woolrich, Pa.  
**TOOLS, Foundrymen's**—See Tools, Molders'

## TOOLS, Framing, Roof

Universal Tool Co., 2600 Melrose Av., Cincinnati, O. "Universal"

**TOOLS, Garden**—See article desired

## TOOLS, Grafting

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.

## TOOLS, Hay Unloading

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Clover Leaf," "Cross Draft," "Haymaker," "Imperial," "O. K."  
 Ney Mfg. Co., Canton, O.  
 Starline, Inc., Harvard, Ill. "Harvester," "Starline"

## TOOLS, Homecraft, Electric

Arcade Mfg. Co., Freeport, Ill. "Model Maker"  
 Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich. "Atlas"  
 Barnes (W. F. & John) Co., Rockford, Ill.  
 Beebe Bros., Inc., Seattle, Wash. "Little Cut-Up"  
 Blue Star Products, Fairfield, Ia. "Blue Star"  
 Boice-Crane Co., 1780 Norwood Av., Toledo, O. "Boice-Crane"  
 Carter (R. L.) Co., New Britain, Conn. "Carter"  
 Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. E.E., Chicago, Ill. "Handee"  
 Delta Mfg. Co., 650 E. Vienna Av., Milwaukee, Wis.  
 Double A Products Co., Inc., Ann Arbor, Mich.  
 Dremel Mfg. Co., Racine, Wis. "Moto-Tool"  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Ephrata Mfg. Co., Ephrata, Pa.  
 Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 E. 27th, Milwaukee, Wis. "Shop-King"  
 Excel Auto Radiator Co., 320 E. 21st, Chicago, Ill. "Toolmaster"  
 Foredom Electric Co., 27 Park Pl., New York, N. Y. "Foredom"  
 General Electric Co., Homeworkshop Div., Nela Park, Cleveland, O. "GE"  
 Heston & Anderson, Fairfield, Ia.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Power King Tool Corp., 706 E. Market, Warsaw, Ind. "Power King"  
 Roemer, Wm. C., 656 Winthrop Av., New Haven, Conn. "Midget Universal"  
 Schroeter Bros., St. Louis, Mo. "Schroeter's"  
 Scott-Bansbach Machinery Co., Chicago, Ill. "Wonder"  
 Shaw Tool Co., Milwaukee, Wis. "Shaw"  
 Stanley Electric Tool Div., New Britain, Conn.  
 Syncro Devices, Inc., 747 Beaubien, Detroit, Mich. "Syncro"  
 Walker-Turner Co., Inc., 595 Berckman, Plainfield, N. J. "Driver"  
 Wallace (J. D.) & Co., 134 S. California Av., Chicago, Ill. "Workace"  
 Yates-American Machine Co., Beloit, Wis.

## TOOLS, Household

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Atkins (E. C.) & Co., Indianapolis, Ind.  
 Millers Falls Co., Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto," "Worth"  
 Southington Hdw. Co., Southington, Conn.  
 Stanley Tools Div. of Stanley Works, New Britain, Conn. "Defiance," "Stanley"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Double Duty," "Garden City," "Supersteel," "Twentieth Century," "V. & B.," "Value," "Vanadium"

## TOOLS, Ice

(See also article desired)  
 Arcade Mfg. Co., Freeport, Ill.  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Briddell (Chas. D.), Inc., Crisfield, Md. "Briddell"  
 Staatsburg Ice Tool Works, Staatsburg-on-the-Hudson, N. Y.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."

**TOOLS, Kitchen**—See Kitchen Tools

## TOOLS, Knurling

Alert Tool Co., 1722 W. Venango, Phila., Pa.  
 American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Brown & Sharpe Mfg. Co., Providence, R. I. (Knurl Holder)  
 Billings & Spencer Co., Hartford, Conn.  
 Pratt & Whitney Co., Hartford, Conn.  
 Reed Small Tool Wks., Worcester, Mass.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Agrippa"

# Dumbwaiters

## and ELEVATORS give your profits a LIFT

Hardware dealers find **ENERGY DUMBWAITERS** and **ELEVATORS** a source of real business, easily handled and at good profits, because the **ENERGY POLICY** means

- 1st — **SIMPLIFIED DESIGN**, for easy erection.
- 2nd — **STURDY CONSTRUCTION**, for long life.
- 3rd — **MODERATE COST**, for easier selling.
- 4th — **DEPENDABLE OPERATION**, making users boosters.
- 5th — **NO STOCK TO CARRY**, no capital tied up.

All around you are opportunities for sales of **ENERGY DUMBWAITERS, SIDEWALK ELEVATORS** and **RESIDENCE ELEVATORS**.

Take dumbwaiters, for instance. Homes; apartments; restaurants and hotels; bakeries and other stores; hospitals and other institutions; manufacturing and other business plants—**ALL** can reduce operation cost and speed service with the proper type **ENERGY DUMBWAITER**.

**YOU** can profitably supply it. **ENERGY** illustrated bulletins showing all types, for all loads from 1 to 500 pounds, make selling easy. Technical questions arising are promptly answered by our engineering department.

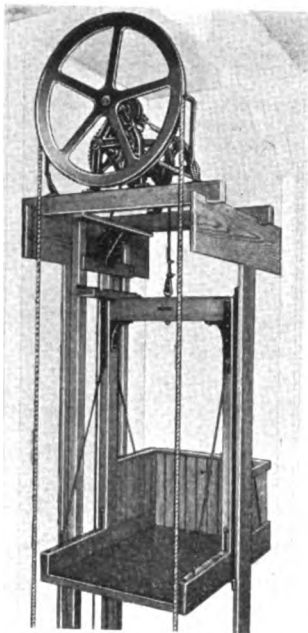
Any good mechanic can install this simplified equipment—full specifications, plans and details are furnished for his and your use.

For further information write to  
**ENERGY ELEVATOR COMPANY**  
217 New Street, Philadelphia, Pa.

**ENERGY**  
ELEVATORS &  
DUMBWAITERS  
WHEREVER A LIFT IS NEEDED

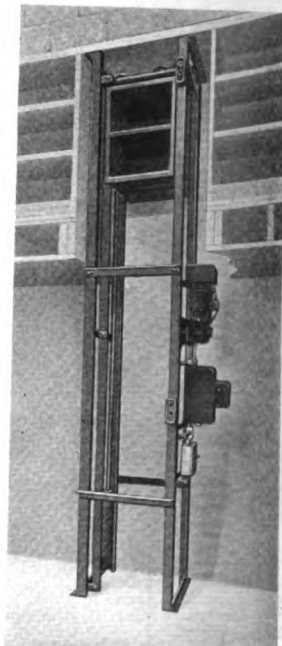
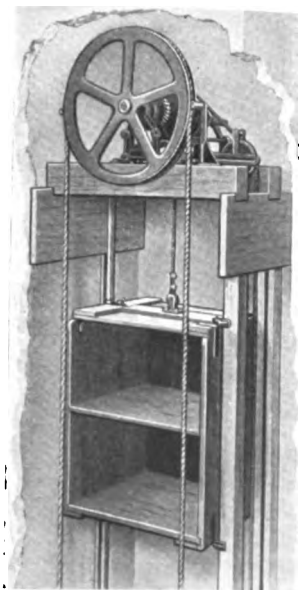
Mention Hardware Age When Writing

Digitized by Google



**LITTLE GIANT DUMBWAITER** for loads of 150 to 300 lbs. largely used in apartments, institutions, dormitories, warehouses, etc. to handle trunks, barrels, cases, laundry and heavy smaller articles.

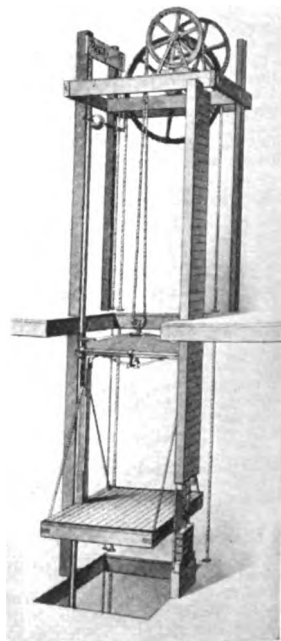
**ENERGY DUMBWAITER** for loads up to 75 lbs. For use in residences, apartments, stores and restaurants for quick transfer of food and supplies between floors.



**ELECTRIC UNDERCOUNTER DUMBWAITER** used in restaurants, and stores for handling food, dishes, supplies, etc. Type 1122—illustrated above—is built in three sizes for handling loads up to 75, 150 or 300 lbs. at car speed of 50 feet per minute.

**FULL AUTOMATIC** "call" and "send" push-buttons at each landing. Furnished complete—needs only anchor bolts and wire connecting to power supply.

**HAND OPERATED FREIGHT ELEVATOR**—range of 500 to 2000 lbs. Geared for one-man operation, with neutralizing counterweights.





**TOOLS, Lathe and Planer**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Billings & Spencer Co., Hartford, Conn.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Flynn Mfg. Co., 433 Bates, Detroit, Mich.  
 Gisholt Mach. Co., Madison, Wis.  
 Haynes Stellite Co., 30 E. 42d, New York, N. Y.  
 Marcy Tool Wks., Putnam, Conn.  
 O. K. Tool Holder Co., Shelton, Conn.  
 Pratt & Whitney Co., Hartford, Conn. "Johnson," "Rhodes," "Woodbridge"  
 Ready Tool Co., Bridgeport, Conn. "Red-E."  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Agiropa"

**TOOLS, Leathercraft**

Osborne (C. S.) & Co., Harrison, N. J.

**TOOLS, Linemen's**

Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
 Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"

**TOOLS, Loading, Cartridge and Shell**

Belding & Mull, Philipsburg, Pa.  
 Lyman Gun Sight Corp., Middlefield, Conn. "Ideal"  
 Modern Bond Co., Wilmington, Del.  
 Neidner Rifle Corp., Dowagiac, Mich.

**TOOLS, Logging**

Acme Forge Wks., Inc., Seattle, Wash. "Acme"  
 American Logging Tool Co., Ewart, Mich.  
 Dixie Logging Tool Co., Chattanooga, Tenn.  
 Peavey Mfg. Co., Brewer, Me.  
 Sheldon Handle Co., Malvern, Ark.  
 Snow & Nealley Co., Bangor, Me. "Our Best"  
 Warren Axe & Tool Co., Warren, Pa. "Bull Dog"

**TOOLS, Machinists'**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Fleming Mfg. Co., Inc., Worcester, Mass.  
 Lufkin Rule Co., Saginaw, Mich.  
 Millers Falls-Goodell Pratt Co., Greenfield, Mass.  
 Starrett (L. S.) Co., Athol, Mass.

**TOOLS, Masons'**

(See also article desired)  
 Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"  
 Brunner & Lay, Chicago, Ill.  
 Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Drew (C.) & Co., Kingston, Mass.  
 Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
 Granite City Tool Co., Barre, Vt. "Safe-Hed"  
 Iron City Tool Wks., 3201 Smallman, Pittsburgh, Pa.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Marshalltown Trowel Co., Marshalltown, Ia.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Rose (Wm.) & Bros., Sharon Hill, Pa.  
 Stanley Tools Div. of Stanley Works, New Britain, Conn.  
 Trow & Holden Co., Barre, Vt.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "V. & B."  
 Vogt Tool Co., Kansas City, Mo.  
 Vulcan Tool Mfg. Co., Quincy, Mass.  
 Warwood Tool Co., Wheeling, W. Va.

**TOOLS, Mechanics'**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
 Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 Cornwell Quality Tools Co., Mogadore, O. "Cornwell"  
 Drew (C.) & Co., Kingston, Mass.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
 Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
 Hood Bros., Inc., 4336 Orchard, Phila., Pa.  
 Krauter & Co., Inc., 575 18th av., Newark, N. J.  
 Lectrolite Corp., Defiance, O.  
 Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 Osborne (C. S.) & Co., Harrison, N. J.  
 Oxford Tool Co., 1633 N. 2nd, Phila., Pa.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto," "Mekanik"  
 Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
 Quality Tools Corp., New Wilmington, Pa. "Old Forge"  
 Schmitt (Wm.) Co., Irvington, N. J.  
 Smith (Landon P.), Inc., 130 Coit, Irvington, N. J. "Red Devil"  
 Southington Hdw. Co., Southington, Conn.  
 Stanley Tools Div. of Stanley Works, New Britain, Conn.  
 Tuck Mfg. Co., Brockton, Mass.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Double Duty," "Garden City," "Supersteel," "Twentieth Century," "V. & B." "Value," "Vanadium"  
 Village Blacksmith Folks, Watertown, Wis.  
 Vilech Tool Co., 3006 E. 87th, Cleveland, O.

**TOOLS, Precision—See Tools, Machinists'**

**TOOLS, Mining**

Klein-Logan Co., Pittsburgh, Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

**TOOLS, Molders'**

(See also article desired)

Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
 Monk, Chas., 88 18th, B'klyn, N. Y.

**TOOLS and NIBS, Diamond**

Desmond-Stephan Mfg. Co., Urbana, O.  
 Karselen (E.) Inc., 56 W. 45th, New York, N. Y.

**TOOLS, Non-Sparking**

Ampeco Metal, Inc., 3830 W. Burnham, Milwaukee, Wis. "Ampeco"  
 Stanley Tools Div. of Stanley Works, New Britain, Conn.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y.

**TOOLS, Painters' and Decorators'**

(See also article desired)

Advance Equipment Mfg. Co., 4617 W. Chicago Av., Chicago, Ill.  
 Hyde Mfg. Co., Southbridge, Mass. "I. P. Hyde," "Southbridge," "Super-Hyde-Steel," "Theo. Harrington"  
 Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Lamson," "Mohawk"  
 Murray-Black Co., Springfield, O. "Standard"  
 Pioneer Tool Co., Inc., Bloomfield, N. J. "Pioneer"  
 Smith (Landon P.), Inc., 130 Coit, Irvington, N. J. "Red Devil"  
 Stencil Specialty Co., Inc., 24 Eastern Parkway, Jersey City, N. J.  
 Warner Mfg. Co., 801 16th Av., S. E., Minneapolis, Minn.  
 Wendell Mfg. Co., 2535 N. Ashland Av., Chicago, Ill. "Master Stripper"

**TOOLS, Patternmakers'**

Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Shamrock" (British)  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.

**TOOLS, Picture Frame**

Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Marsh"

**TOOLS, Planer—See Tools, Lathe and Planer**

**TOOLS, Plumbers'**

(See also article desired)

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
 Baltimore Tool Wks., Inc., Baltimore, Md.  
 Berns (Otto) Co., Inc., Rochester, N. Y. "Always Reliable"  
 Delaware Tool Co., Wilmington, Del.  
 Drew (C.) & Co., Kingston, Mass.  
 Fairmount Tool & Forging Co., Cleveland, O.  
 Hood Bros., Inc., 4336 Orchard, Phila., Pa.  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Misener Mfg. Co., Inc., Syracuse, N. Y.  
 National Tool Co., 90 Walker, New York, N. Y.  
 Oxford Tool Co., 1633 N. 2nd, Phila., Pa.  
 Rainey Mfg. Co., Titusville, Pa.  
 Schmitt (Wm.) Co., Irvington, N. J.  
 Tiffany (Carroll R.), Conklin, N. Y.

**TOOLS, Pneumatic**

(See also article desired)

Baltimore Tool Wks., Inc., Baltimore, Md.  
 Chicago Pneumatic Tool Co., 6 E. 44th, New York, N. Y.  
 Cleveland Pneumatic Tool Co., Cleveland, O.  
 Dallett (Thos. H.) Co., Phila., Pa.  
 Helwig Mfg. Co., St. Paul, Minn. "Helwig"  
 Independent Pneumatic Tool Co., Chicago, Ill. "Thor"  
 Ingersoll-Rand Co., 11 B'way, New York, N. Y.  
 "Little David"  
 Keller (Wm. H.), Inc., Grand Haven, Mich. "Super"  
 Misener Mfg. Co., Inc., Syracuse, N. Y.  
 Reed-Prentice Co., Worcester, Mass. "Wolf" (Saws)  
 Trow & Holden Co., Barre, Vt. "Barre"  
 Woodings-Verona Tool Wks., Verona, Pa.

**TOOLS, PRECISION—See Tools, Machinists'**

**TOOLS, Railroad Track**

Iron City Tool Works, Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Works, Verona, Pa.

**TOOLS, Reseating, Faucet**

Chicago Specialty Mfg. Co., 332 N. Western Av., Chicago, Ill.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Excel Mfg. Co., 1129 E. 144th, Cleveland, "Excel"  
 Johnson (William), Inc., 36 Brenner, Newark, N. J.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Perfection Products, Inc., 620 Western Reserve Bldg., Cleveland, O. "Perfection Universal"  
 Shepard & Moore, Inc., 208 St. Clair Av., N. W., Cleveland, O. "S-M"  
 Skinner (M. B.) Co., South Bend, Ind.  
 Springfield Products Co., Springfield, O. "Ace"  
 Standard Reseater Corp., 423 W. 126th, New York, N. Y.  
 Variety Products Co., 4175 W. 140th, Cleveland, O. "Cone-Trol"

**TOOLS, Roofing**

(See also article desired)

Ajax Building Bracket Co., 1551 Rydal Mount Rd., Cleveland Heights, O. "Burfo" (Slate & Asbestos Punch & Cutter)  
 Belden Mach. Co., New Haven, Conn. "Bel-den"  
 Burritt (O. W.) & Bro., Weedsport, N. Y.  
 Milcor Steel Co., Milwaukee, Wis.  
 Paine, Benjamin O. Millbury, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Stanley Tools Div. of Stanley Works, New Britain, Conn.  
 Stortz (John) & Son, 210 Vine, Phila., Pa.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel"

**TOOLS, Saw**

Atkins (E. C.) & Co., Indianapolis, Ind. "Midget," "Perfection"  
 Covell-Hanchett Co., Big Rapids, Mich.  
 Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 Franklin Tool Co., Buffalo, N. Y.  
 Simonds Saw & Steel Co., Fitchburg, Mass.  
 Southern Saw Wks., Atlanta, Ga.  
 Stearns (E. C.) & Co., Syracuse, N. Y.

**TOOLS, Sheet Metal Workers'**

Niagara Mach. & Tool Wks., 683 Northland Av., Buffalo, N. Y.  
 Osborne (C. S.) & Co., Harrison, N. J.  
 Packham Crimper Co., Mechanicsburg, O.  
 Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll Av., Chicago, Ill. "Supersteel," "V. & B."

**TOOLS, Shell Loading—See Tools, Loading, Cartridge and Shell**

**TOOLS, Shoe Repair**

Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn. "Bernard"  
 Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Av., Newark, N. J.

**TOOLS, Slaters'—See Tools, Roofing**

**TOOLS, Stone Cutters'**

Dallett (Thos. H.) Co., Phila., Pa.  
 Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"  
 Granite City Tool Co., Barre, Vt. "Safe-Hed"  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Paine, Benjamin O. Millbury, Mass.  
 Stanley Electric Tool Div., New Britain, Conn.  
 Trow & Holden Co., Barre, Vt.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

**TOOLS, Threading**

(See also Stocks, Die, Pipe)

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
 Beaver Pipe Tools, Inc., 350 Herage Av., Warren, O. "Beaver"  
 Federal Products Corp., Providence, R. I.  
 Geometric Tool Co., New Haven, Conn.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
 Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
 National Acme Co., Cleveland, O. "Nameco"  
 Nye Tool & Machine Works, 4120 Fullerton Av., Chicago, Ill.  
 Oster Mfg. Co., 2067 E. 61st Pl., Cleveland, O.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Ridge Tool Co., Elyria, O. "Ridgid"  
 Rivett Lathe & Grinder Co., Boston, Mass.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Agiropa"  
 Williams Tool Corp., Erie, Pa.

**TOOLS, Threading, Pipe**

(See also Tools, Threading)

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
 Beaver Pipe Tools, Inc., 350 Herage Av., Warren, O. "Beaver"  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D," "Little Giant"  
 Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
 Hart Mfg. Co., 2319 E. 20th, Cleveland, O. "Duplex"  
 Nye Tool & Machine Works, 4120 Fullerton Av., Chicago, Ill.  
 Oster Mfg. Co., 2067 E. 61st Pl., Cleveland, O.  
 Ridge Tool Co., Elyria, O. "Ridgid"  
 Toledo Pipe Threading Mach. Co., Toledo, O.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Williams Tool Corp., Erie, Pa.

**TOOLS, Tile Setters**

Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "Trowel Brand"

**TOOLS, Tire Chain Repair**

American Chain Div. American Chain & Cable Co., Bridgeport, Conn. "Weed"  
 Bergman Tool Mfg. Co., Buffalo, N. Y. "Blue Bird"  
 Krauter & Co., 583 18th Av., Newark, N. J.  
 McKaig-Hatch Co., Inc., Buffalo, N. Y.  
 Porter (H. K.) Inc., Everett, Mass. "Linkmaster"  
 Robinson (M. W.) Co., 28 Warren, New York, N. Y. "Necessity"



Whoa, There,  
Bess!

it's an  
**ELECTRO-  
LINE**

## THE OUTSTANDING LINE OF ELECTRIC FENCE CONTROLLERS

*Singularly Successful Because:*

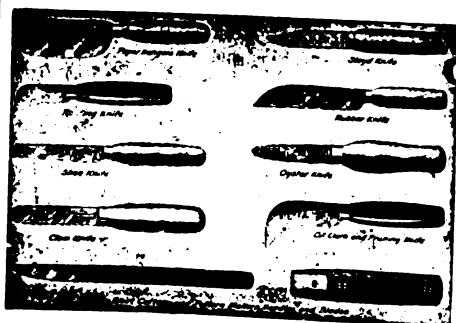
Electro-Line fence controllers are of unusual quality, built by manufacturers of over 18 years' experience in electronic devices. • Electro-Line offers the dealer a complete line for a complete service. • Electro-Line manufactures controllers in a competitive price range for maximum sales. • Electro-Line assures a fair profit. • Electro-Line controls distribution—sold only through reliable dealers.

ASK YOUR JOBBER

**ELECTRO-LINE FENCE COMPANY**  
120 North Broadway Milwaukee, Wisconsin

## A PROFITABLE LINE OF WORK KNIVES— R. MURPHY'S STAY-SHARP KNIVES

For 90 years this famous line of work knives has been noted for its quality and durability. There's a Stay-Sharp Knife for every job.



### THE R. MURPHY LINE INCLUDES

Shoe Knives  
Oyster Knives  
Skiving Knives  
Rubber Knives  
Clam Knives  
Mackerel Knives  
Cigar Knives  
Pruning Knives  
Oilcloth Knives  
Butcher Knives  
Plaster Knives  
Kitchen Knives  
Stencil Knives  
Manual Training  
Knives  
Roofing Knives  
Shirt Cutters  
Blades and  
Handles

For profit—stock our exclusive line of  
**ALL STAINLESS STEEL OYSTER, CLAM,  
SCOLLOP, CRAB MEAT KNIVES**



BOSTON, PROVIDENCE AND NEW HAVEN PATTERNS  
Forged stainless steel. Handle and blade made in one piece.  
Complete catalog and prices on request.

**ROBERT MURPHY'S SONS CO.**  
ESTAB. 1850 AYER - - MASSACHUSETTS Inc. 1913

## \$5<sup>95</sup> GRINDER **SpeedWay**

DRILL  
\$7<sup>95</sup>

KIT  
\$14<sup>95</sup>



ROUTER  
FRAME  
\$3<sup>95</sup>

No. 309 Router Frame with No. 129 Grinder makes a universal router or free shaper. List \$3.95

No. 229 Stand—(Designed for use with Speedway No. 69 Drill and No. 129 Grinder). This all-purpose stand converts a 69 Drill into an accurate drill press and a 129 Grinder into a router or horizontal lever-fed grinder. List \$3.95

**SPEEDWAY MFG. CO.**

1836 S. 52nd Ave., Cicero, Ill.

Only Speedway, with 30 years of design skill and manufacturing experience can market real quality tools such as these at their amazingly low prices. Known wherever electric tools are used. Speedway tools are correctly designed, correct in balance and operating speeds.

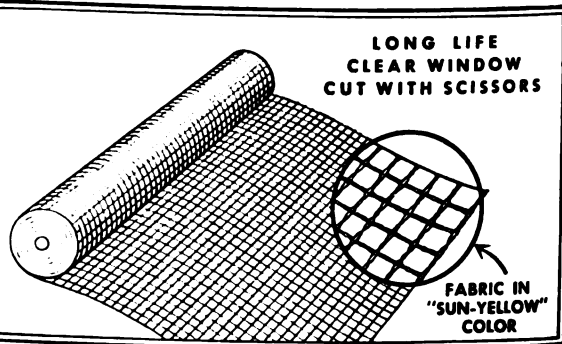
**HAND GRINDER and 1/4" DRILL**  
Set. Grinder operates at 20,000 R.P.M.—a truly quality tool with a genuine high torque Speedway motor that has speed and power essential for good work. Furnished with two (3/32" and 1/4") collets. The Drill has die cast white metal handle and gear case, blue crackle steel body, powerful Speedway motor geared to 1000 R.P.M. to handle up to 1/2" in steel.

The Kit—Grinder and Drill with 5 accessories in fitted steel case ideal for every home workshop, laboratory, radio shop, studio and garage. . . . \$14.95

No. 119 Bench Grinder 2 wheels and motor encased in modern, extra strength housing for safety and convenience. Adjustable rests, toggle switch, cord and rubber feet . . . . . \$9.85



## HENSCHEL MILWAUKEE A DEPENDABLE MANUFACTURING SOURCE of SUPPLY for GLASS SUBSTITUTE



LONG LIFE  
CLEAR WINDOW  
CUT WITH SCISSORS

FABRIC IN  
"SUN-YELLOW"  
COLOR

The market for transparent, fabric-type glass substitute is growing by leaps and bounds. It is an inexpensive, practical material for poultry houses, porch enclosures, hot bed frames, brooder houses, storm doors, windows and sky-lights. Permits violet ray penetration. Durable, weather-proof, rain-proof, tough, flexible, uniform. Will not warp, chip, peel, dissolve or separate if properly used. Available in 50 ft., 100 ft. and 500 ft. rolls, 36 inches wide.

Write for prices and detailed data.

**C. B. HENSCHEL MANUFACTURING CO.**  
229 W. MINERAL ST., MILWAUKEE, WIS.

**TOOLS, Toy**

Gilbert (A. C.) Co., New Haven, Conn.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 U. S. Lock & Hdw. Co., Columbia, Pa.  
 Wrightsville Hdw. Co., Wrightsville, Pa.

**TOOLS, Tree Surgeons**

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.

**TOOLS, Valve Seat Grinding**

K-D Mfg. Co., Lancaster, Pa.

**TOOLS, Wood Carving**

(See also article desired)

Buck Bros., Millbury, Mass.  
 Ekstrom, Carlson & Co., Rockford, Ill.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Acorn," "Prize Medal" (British)  
 Mack & Co., Rochester, N. Y. "Addis," "D. R. Burton"  
 Millers Falls Co., Greenfield, Mass.  
 Porter (C. O.) Mch. Co., Grand Rapids, Mich.  
**TOOLS, Woodcarving, Electric**—See Carvers, Wood, Electric, Homcraft

**TOOLS, Wood Turning**

Boice-Crane Co., 1730 Norwood Av., Toledo, O. "Boice-Crane"  
 Buck Bros., Millbury, Mass.  
 Disston (Henry) & Sons, Inc., (Tacony) Phila., Pa. "Keystone"  
 Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
 Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y. "Shamrock" (British)  
 Greenlee Tool Co., Rockford, Ill.  
 Millers Falls Co., Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southampton, Conn. "Pexto"  
 Swan (Jas.) Co., Seymour, Conn.  
 Winsted Edge Tool Wks., Winsted, Conn. "With-erby"

**TOOTH BRUSH HOLDERS**—See Holders, Teeth Brush

**TOOTH FILES**—See Files, Tooth

**TOP AND UPHOLSTERY DRESSINGS, Automobile**—See Dressings, Top and Upholstery, Automobile

**TOP LEATHER SOLE LIFTS**—See Lifts, Top, Leather, Sole

**TOPS, Chimney, Revolving**

Adams Co., Dubuque, Ia.  
 Howes (S. M.) Co., Boston, Mass.  
 Iwan Bros., South Bend, Ind. "Volcano"  
 Penn Metal Ware Co., Wilkes-Barre, Pa. "Hazel"  
 Quinn Wire & Iron Wks., Boone, Ia. "Daisy"  
 Sterling Fdry. Co., Sterling, Ill. "Best"

**TOPS, Percolator**

Canton Glass Co., Marion, Ind.  
 Corning Glass Wks., Corning, N. Y. "Pyrex"  
 Edwards Mfg. Co., 1315 California Way, Longview, Wash.  
 Gardella Mfg. Co., Cleveland, O. "Break-No-More"  
 Hazel-Atlas Glass Co., Wheeling, W. Va.  
 Hocking Glass Co., Lancaster, O.  
 McKee Glass Co., Jeannette, Pa. "Glasbake"  
 United States Glass Co., Pittsburgh, Pa.

**TOPS, Spinning**

Anchor Mfg. Co., Piqua, O.  
 Chicago Ferrule & Nut Co., Chicago, Ill. (Musical)  
 Conestoga Corp., Bethlehem, Pa. "Ro-To-Top"  
 Gibbs Mfg. Co., Canton, O.  
 Lindstrom Tool & Toy Co., Bridgeport, Conn.  
 Mansfield Novelty Co., Mansfield, Pa.  
 Mason & Parker Mfg. Co., Winchendon, Mass. (Musical)  
 Samour Mfg. Co., Stoneham, Mass.  
 Stevenson Wks. Co., South Bend, Ind.  
 Wetherbee, A. N., Lyndonville, Vt.

**TOPS, Table, Display**

Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Warren (J. D.) Mfg. Co., Montpelier, O.

**TOPS, Table, Enameled**

Enamel Products Co., Cleveland, O. "Tepco"  
 Ingram-Richardson Mfg. Co., Beaver Falls, Pa.  
 Marietta Holloware & Enameling Co., Marietta, Pa.  
 Vitreous Steel Products Co., Cleveland, O.

**TOPS, Toy**—See Toys, Spinning

**TORCHES, Acetylene**—See Torches, Brazing and Welding, Acetylene

**TORCHES, Automatic, Alcohol and Gasoline**

Baumgarth Mfg. Co., Not Inc., 836 W. Hubbard, Chicago, Ill.  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Lenk Mfg. Co., Newton Lower Falls, Mass. "Champion," "Master," "Self Blo"  
 Modern Metal Products Co., 581 Boylston, Boston, Mass. "Jim Dandy"  
 Scovill Mfg. Co., Waterbury, Conn. "Blue Blast"  
 Turner Brass Wks., Sycamore, Ill. "Handtorch"

**TORCHES, Blow, Alcohol**

Bernz (Otto) Co., Inc., Rochester, N. Y. "Always Reliable"  
 Eagle Mfg. Co., Wellsburg, W. Va.  
 Lenk Mfg. Co., Newton Lower Falls, Mass. "Lenk"  
 Modern Metal Products Co., 581 Boylston, Boston, Mass. "Jim Dandy"

**TORCHES, Blow, Gas, Gasoline or Kerosene**

Baumgarth Mfg. Co., Not Inc., 836 W. Hubbard, Chicago, Ill.  
 Bernz (Otto) Co., Inc., Rochester, N. Y. "Always Reliable"  
 Clayton & Lambert Mfg. Co., Detroit, Mich. "Protection"  
 Curfman (F. L.) Mfg. Co., Maryville, Mo.  
 Detroit Torch & Mfg. Co., Detroit, Mich.  
 Diener (Geo. W.) Mfg. Co., Chicago, Ill. "Torrid"  
 Everhot Mfg. Co., Flothow & St. Charles, Maywood, Ill.  
 Hauck Mfg. Co., 126 10th, B'klyn, N. Y.  
 Hones (Charles A.), Inc., Baldwin, Long Island, N. Y. "Buzzer"  
 Huffman Mfg. Co., Dayton, O. (Gasoline)  
 Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill. "Justrite"  
 Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
 Lenk Mfg. Co., Newton Lower Falls, Mass. "Lenk"  
 McGill Mfg. Co., Valparaiso, Ind. "Baby"  
 Miller (R. E.), Inc., 35 Pearl, New York, N. Y. "Optimus" (Gasoline)  
 Prentiss Wabers Products Co., Wisconsin Rapids, Wis. "Preway"  
 Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Radius" (Swedish)  
 Schaefer & Beyer, Inc., 50 Brogau Av., Newark, N. J. "Always Ready"  
 Scovill Mfg. Co., Waterbury, Conn. "Imp"  
 Turner Brass Wks., Sycamore, Ill. "Hotblast," "Masterline"  
 Unique Mfg. Co., Inc., Chicago, Ill.  
 Wall (P.) Mfg. Supply Co., 3126-3166 Preble Av., Pittsburgh, Pa. "Dreadnaught"

**TORCHES, Brazing, Cutting and Welding, Oxy-Acetylene**

Air Reduction Sales Co., 60 E. 42nd, New York, N. Y. "Alroco"  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 Linde Air Products Co., 30 E. 42nd, New York, N. Y.  
 Milburn (Alexander) Co., Baltimore, Md.  
 Modern Engineering Co., St. Louis, Mo. "Meco"  
 St. Paul Welding & Mfg. Co., St. Paul, Minn.  
 Smith Welding Equipment Corp., 2633 S. E. 4th, Minneapolis, Minn.  
 Weldit Acetylene Co., Detroit, Mich.

**TORCHES, Brazing, Gasoline and Kerosene**

Bernz (Otto) Co., Inc., Rochester, N. Y. "Always Reliable"  
 Clayton & Lambert Mfg. Co., Detroit, Mich.  
 Diener (Geo. W.) Mfg. Co., Chicago, Ill.  
 Turner Brass Wks., Sycamore, Ill. "Double Jet"  
 Wall (P.) Mfg. Supply Co., 3126-3166 Preble Av., Pittsburgh, Pa.

**TORCHES, Disinfecting, Kerosene**

Aeroll Burner Co., Inc., West New York, N. J. "Aeroll"

**TORCHES, Gas Lighting**—See Lighters, Gas

**TORCHES, Gasoline**—See Furnaces and Torches, Gasoline; also Torches, Blow, Gasoline; also Torches, Brazing, Gasoline

**TORCHES, Oil**

Eagle Mfg. Co., Wellsburg, W. Va.  
 Gem Mfg. Co., 1229 Goebel, Pittsburgh, Pa.  
 Wall (P.) Mfg. Supply Co., 3126 Preble Av., Pittsburgh, Pa. "Everlasting"

**TORCHES, Road, Warning**

Beach Mfg. Co., Charlotte, Mich. "Beach Beacon"  
 Dietz (R. E.) Co., 60 Light, New York, N. Y. "No. 80," "No. 87," "No. 96"  
 Embury Mfg. Co., Warsaw, N. Y. "Luck-E-Lite"  
 Red Flare Signal Corp., Fostoria, O. "Red Flare"  
 Toledo Pressed Steel Co., 397 Phillips Av., Toledo, O. "Toledo"

**TORCHES, Kerosene**—See Torches, Blow, Kerosene; also Furnaces and Torches, Gasoline and Kerosene

**TORCHES, Tree, Asbestos**

Newton Mfg. Co., 144 Moody, Waltham, Mass.

**TORCHES, Welding**—See Torches, Brazing and Welding

**TOTE BOXES**—See Boxes, Tote, Steel

**TOW BARS**—See Ropes, Chains and Bars, Tow

**TOW CARDS**—See Cards, Tow

**TOW CHAINS**—See Ropes, Chains and Bars, Tow

**TOW HOOKS**—See Hooks, Tow

**TOW LINES, ROPE & CHAINS**—See Ropes, Chains and Bars, Tow

**TOW ROPES**—See Ropes, Chains and Bars, Tow

**TOWEL BARS**—See Bars, Towel

**TOWEL CABINETS**—See Cabinets, Towel

**TOWEL RACKS**—See Racks, Towel

**TOWEL ROLLERS**—See Rollers, Towel

**TOWEL SHELVES**—See Shelves, Glass

**TOWELS, Paper**

Barclay Tissue Corp., 36th & 14th Av., B'klyn, N. Y.  
 Brown Co., Portland, Me. "Nibroc"  
 Dennison Mfg. Co., Framingham, Mass.  
 Foley Paper Co., Springfield, Mass.  
 King (M. A.) Co., Somerville, Mass. "Statler"  
 West Disinfecting Co., 16 Barn, Long Island City, N. Y. "Saniservis," "Westowl"  
 Wortendyke Mfg. Co., Richmond, Va.

**TOWERS, Radio**

Dempster Mill Mfg. Co., Beatrice, Nebr.  
 Stover Mfg. & Engine Co., Freeport, Ill.

**TOWERS, Water and Windmill**

Aerometer Co., Chicago, Ill.  
 Breyer Bros., Whiting & Co., Waupun, Wis.  
 Butler Co., Butler, Ind.  
 Challenge Co., Batavia, Ill.  
 Dempster Mill Mfg. Co., Beatrice, Nebr.  
 Flint & Walling Mfg. Co., Kendallville, Ind. "Star"  
 Heller-Allen Co., Napoleon, O.  
 Stover Mfg. & Engine Co., Freeport, Ill. (Windmill)  
 Woodmanse Mfg. Co., Freeport, Ill.

**TOY AIR PLANE HANGARS**—See Hangars, Airplane, Toy

**TOY AEROPLANES**—See Aeroplanes, Toy

**TOY ALUMINUM SETS**—See Sets, Aluminum, Toy

**TOY ANIMALS**—See Animals, Toy

**TOY ARCHERY SETS**—See Sets, Archery, Toy

**TOY AUTOMOBILES**—See Automobiles, Toy

**TOYS, Aluminum**—See kind desired

**TOYS, Automobiles**—See Mechanical and Electrical Toys

**TOY BALLS**—See Balls, Rubber; also Balls, Parlor

**TOY BALLOONS**—See Balloons, Rubber

**TOY BANKS**—See Banks, Children's

**TOY BARROWS**—See Wheelbarrows, Children's

**TOY BASE BALL GAMES**—See Games, Unclassified

**TOY BEDS**—See Beds, Doll

**TOY BELLS**—See Bell Toys

**TOY BICYCLES**—See Bicycles, Juvenile

**TOY BILLIARD AND POOL TABLES**—See Tables, Billiard and Pool, Children's

**TOY BLACKBOARDS**—See Blackboards, Children's

**TOY BLOCKS**—See Blocks, Alphabet; also Blocks, Building; also Blocks, Nested

**TOY BOARDS**—See Boards, Game; also Boards, Spelling; also Boards, Talking

**TOY BOATS**—See Boats, Toy

**TOY BOILERS**—See Sets, Cooking, Toy

**TOY BOOKS**—See Books, Children's

**TOY BULBS, Electric**—See Lamps or Bulbs, Electric, Miniature

**TOY CABINETS**—See Cabinets, Kitchen, Toy

**TOY CANDLE HOLDERS**—See Holders, Birthday Cake

**TOY CANDLES**—See Candles, Birthday

**TOY CANNONS**—See Cannons, Toy

**TOY CANOES**—See Canoes, Toy

**TOY CARS**—See Cars, Children's; also Cars, Hand

**TOY CARPET SWEEPERS**—See Sweepers, Carpet, Toy

**TOY CARRIAGES**—See Carriages, Doll

**TOY CARTS**—See Carts, Go, Doll; also Carts, Play

**TOY CASH REGISTERS**—See Registers, Cash, Toy

**TOY CHAIRS**—See Chairs, Children's

**TOY CHEMICAL OUTFITS**—See Outfits, Chemical, Toy

**TOY CHESTS**—See Chests, Cedar, Toy; also Chests, "ool, Boys"

**TOY CHIMES**—See Chimes, Roller, Toy

**TOY CIRCUS**—See Circus Toys

**TOY CLOTHES DRYERS**—See Dryers, Clothes, Toy

**TOY CLOTHES PINS**—See Sets, Laundry, Toy

**TOY CLOTHES WASHING MACHINES**—See Washing Machines, Clothes, Toy

**TOY CLOTHES WRINGERS**—See Wringers, Clothes, Toy

**TOY COLANDERS**—See Sets, Cooking, Toy

**TOY COLORING OUTFITS**—See Outfits, Painting, Children's

**TOY CONSTRUCTION SETS**—See Construction Toys

**TOY COOKING SETS**—See Sets, Cooking, Toy

**TOY COOKING UTENSILS**—See Utensils, Cooking, Toy

**TOY CRADLES**—See Beds, Doll

**TOY DECALCOMANIA**—See Decalcomania, Children's

**TOY DESKS**—See Desks, Children's

**TOY DISHES**—See Dishes, Toy

**TOY DOLLS**—See under Dolls

**TOY ELECTRIC MOTORS**—See Motors, Electric, Toy

**TOY ELECTRIC TRAIN TRACKS**—See Tracks, Train, Electric, Toy

**TOY ELECTRIC TRAINS**—See Trains, Electric, Toy





## *It's Easy to Stay Young **ELECTRICALLY!***

Time has proved this is far more than a catch phrase. It is a national rallying cry taken up by hundreds of thousands of women! It is a phrase you can use, with all sincerity, in all-selling of electrical appliances. And we suggest you use it to the full!

# IT'S AN OLD G-E CUSTOM!

Look well at these four new G-E appliances. They're more than an iron, roaster, coffee maker and mixer. They're added sales opportunities for you—a chance to attract new customers and establish in their minds that yours is a wide-awake, alert store. They mean an opportunity for you to approach old customers with a new interest. And, needless to say, they can mean a very pleasant profit.

It's an old G-E custom . . . this constant research, and developing of new appliances that you can show to advantage. It's one of the reasons why General Electric has become the world's largest maker of electrical appliances. And one of the reasons why dealers want to go "G-E all the way." We hope you'll ask your distributor's salesman to tell you about the new ideas in electrical living that General Electric is developing, and talk over with him the many advantages of carrying the General Electric full line.

General Electric Co., Bridgeport, Conn.

### HOW MANY OF THESE G-E APPLIANCES DO YOU SELL?

Refrigerator	Radio
Range	Mixer
Dishwasher	Coffee Maker
Disposall	Toaster
Water Heater	Roaster
Washer	Grill
Ironer	Waffle Iron
Iron	Clocks
Cleaner	Fans



**NEW!**

*Moderne Automatic Iron.* Many features, including a heat indicator light for telling when to start ironing; weighs only 3 pounds. Price, \$8.95.



**NEW!**

*Triple Whip Mixer.* Exclusive three beater construction with built-in light for complete visibility of mixing operations. Price \$22.75 complete with juicer.



**NEW!**

*Automatic Tel-A-Cook Roaster.* Many striking features, including a lighted dial to indicate cooking temperatures. Price, \$27.95 complete with glass utensils.

**NEW!**

*Automatic Coffee Maker.* The only complete automatic glass coffee maker on the market today. Features too numerous to mention. Price, \$12.95.



# GENERAL ELECTRIC

Mention Hardware Age When Writing

Digitized by Google

TOY ENGINES—See Engines, Toy  
 TOY FENCES—See Fences, Christmas Tree  
 TOY FINGERPRINT OUTFITS—See Outfits, Fingerprint, Toy  
 TOY FIRE ENGINES—See Engines, Fire, Toy  
 TOY FOOT BALL GAMES—See Games, Unclassified  
 TOY FURNITURE—See Furniture, Doll and Toy  
 TOY GAMES—See under Games  
 TOY GARDEN SETS—See Garden Sets, Toy  
 TOY GARDENS—See Gardens, Toy  
 TOY GEOLOGY SETS—See Sets, Geology, Toy  
 TOY GO-CARTS—See Carts, Go, Doll  
 TOY GOLF SETS—See Sets, Golf, Children's  
 TOY GREENHOUSES—See Greenhouses, Toy  
 TOY GUNS—See Guns, Automatic and Rapid Fire, Toy; also Pop Guns  
 TOY HAMMERS—See Tools, Toy  
 TOY HAMMOCKS—See Hammocks, Doll  
 TOY HANGARS—See Hangars, Aeroplane, Toy  
 TOY HATCHETS—See Tools, Toy  
 TOY HATS—See Hats, Dolls  
 TOY HOLSTERS—See Holsters, Toy  
 TOY HORNS—See Horns, Carnival, Toy, Etc.  
 TOY HOUSES—See Houses, Doll; also Houses, Play  
 TOY ICE BOATS—See Boats, Toy  
 TOY INSTRUMENTS—See Musical Toys and Instruments  
 TOY IRONING BOARDS—See Boards, Ironing, Toy  
 TOY JACKSTONES—See Jackstones  
 TOY KAZOOS—See Kazoos  
 TOY KETTLES—See Sets, Cooking, Toy  
 TOY KITCHEN CABINETS—See Cabinets, Toy  
 TOY LAUNDRY AND WASH SETS—See Sets, Laundry and Wash, Toy  
 TOY LAWN MOWERS—See Mowers, Lawn, Toy  
 TOY LEAD MOLDS—See Outfits, Mold, Toy  
 TOY LOCOMOTIVES—See Railway Systems, Toy; also Iron Toys  
 TOY MAGIC LANTERNS—See Lanterns, Magic  
 TOY MAGIC TRICKS—See Tricks and Trick Boxes, Magic  
 TOY MECHANICAL BOATS—See Boats, Toy, Mechanical  
 TOY MERRY-GO-ROUNDS—See Merry-Go-Rounds, Children's  
 TOY MOTORS—See Motors, Electric, Toy  
 TOY MOLD OUTFITS—See Outfits, Mold, Toy  
 TOY MOVING PICTURE MACHINES—See Moving Picture Projectors, Children's  
 TOY MOWERS—See Mowers, Lawn, Toy  
 TOYS, Musical—See Musical Toys and Instruments  
 TOY NESTED BLOCKS—See Blocks, Nested, Toy  
 TOY NOAH'S ARKS—See Noah's Arks  
 TOY PAIRS—See Sand Toys  
 TOY PAINT BOOKS—See Books, Children's  
 TOY PAINTING OUTFITS—See Outfits, Painting, Children's  
 TOY PERCOLATORS—See Sets, Cooking, Toy  
 TOY PIANOS—See Pianos, Toy  
 TOY PICKS—See Tools, Toy  
 TOY PIN WHEELS—See Pinwheels  
 TOY PINCERS—See Tools, Toy  
 TOY PISTOLS—See Pistols, Toy  
 TOY POLICE SETS—See Sets, Police, Toy  
 TOY PROJECTING LANTERNS—See Lanterns, Projecting  
 TOY PUZZLES—See Puzzles  
 TOY RAILWAY SYSTEMS—See Trains, Toy  
 TOY RATTLES—See Rattles  
 TOY REFRIGERATORS—See Refrigerators, Toy  
 TOY REINS—See Reins, Toy  
 TOY RIFLES—See Rifles, Air; also Rifles, Toy  
 TOY ROLLING HOOPS—See Hoops, Rolling, Toy  
 TOY SAD IRONS—See Iron Toys, Trains, Sad Irons, Etc.  
 TOYS, Sand—See Sand Toys  
 TOY SAND SHOVELS—See Sand Toys  
 TOY SAWS—See Saws, Scroll  
 TOY SCALES—See Scales, Toy  
 TOY SCOOTERS—See Scooters  
 TOY SERR SAWS—See Serr Saws  
 TOY SEWING SETS—See Sets, Sewing, Toy  
 TOY SHOOFLE—See Shoofles  
 TOY SHOVELS—See Sand Toys  
 TOY SLEDS—See Sleds, Steering, Children's  
 TOY SLEIGH BELLS—See Bells, Sleigh, Toy  
 TOY SOLDIERS—See Soldiers, Toy  
 TOY SPRINKLING CANS—See Pots, Watering, Toy  
 TOY STOVES—See Stoves, Toy  
 TOY SWINGS—See under Swings  
 TOY TEA SETS—See Sets, Tea, Toy  
 TOY TELEGRAPH OUTFITS—See Outfits, Telegraph, Toy  
 TOY TELEPHONES—See Telephones, Toy  
 TOY TEN PINS—See Pins, Ten, Toy  
 TOY TENTS—See Tents, Toy

TOYS, Tin—See kind desired  
 TOY TOOLS—See Tools, Toy  
 TOY TOPS—See Tops, Spinning  
 TOY TRACTORS—See Tractors, Toy  
 TOY TRAINS—See Trains, Toy; also Trains, Electric, Toy  
 TOY TRANSFER PICTURES—See Decalcomania, Children's  
 TOY TRANSFORMERS—See Transformers, Electric, Toy  
 TOY TREES—See Trees, Christmas, Artificial  
 TOY TRICYCLES—See Tricycles  
 TOY TRUCKS—See Trucks, Toy  
 TOY TRUNKS—See Trunks, Toy  
 TOY TYPEWRITERS—See Typewriters, Toy  
 TOY VACUUM CLEANERS, Hand—See Cleaners, Vacuum, Hand, Toy  
 TOY VELOCIPEDES—See Velocipedes  
 TOY WAFFLE IRONS—See Irons, Waffle, Toy  
 TOY WAGONS—See under Wagons  
 TOY WASH BOARDS—See Boards, Wash, Toy  
 TOY WASH TUBS—See Tubs, Wash, Toy  
 TOY WASHING MACHINES—See Washing Machines, Clothes, Toy  
 TOY WATCHES—See Watches, Toy  
 TOY WATERING POTS—See Pots, Watering, Toy  
 TOY WHEELBARROWS—See Wheelbarrows, Children's  
 TOYS, Automatic—See Mechanical and Electrical Toys

### TOYS, Cast Iron

Arcade Mfg. Co., Freeport, Ill.  
 Conestoga Corp., Bethlehem, Pa.  
 Grey Iron Casting Co., Mount Joy, Pa.  
 Hubley Mfg. Co., Lancaster, Pa.  
 Kenton Hdw. Co., Kenton, O.  
 Kilgore Mfg. Co., Westerville, O.  
 National Sewing Machine Co., Belvidere, Ill. "Vindex Toys"  
 U. S. Lock & Hdw. Co., Columbia, Pa.  
 Williams (A. C.) Co., Ravenna, O.  
 TOYS, Five, Ten, Fifteen, Twenty-five Cent and One Dollar Toys—See Five, Ten, Fifteen, Twenty-five Cent and One Dollar Toys  
 TOYS, Felt—See Felt Toys  
 TOYS, Friction—See Friction Toys  
 TOYS, Glass—See Glass Toys  
 TOYS, Mechanical—See Mechanical and Electrical Toys  
 TOYS, Metal—See kind desired  
 TOYS, Paper—See kind desired  
 TOYS, PLAY HOUSES, See Houses, Play  
 TOYS, Pull and Push—See Push and Pull Toys  
 TOYS, Push and Pull—See Push and Pull Toys  
 TOYS, Roller Chime—See Chimes, Roller, Toy  
 TOYS, RUBBER—See Rubber Toys and Novelties  
 TOYS, Stuffed—See Animals, Toy, Stuffed; also Dolls, Stuffed  
 TOYS, Wood—See Wood Toys—Also kind desired  
 TRACE CHAINS—See Chain, Trace  
 TRACE HOLDERS—See Holders, Trace  
 TRACK AND FIELD EQUIPMENT—See Equipment, Track and Field  
 TRACK JACKS—See Jacks, Track, Railroad  
 TRACK LEVELS AND GAUGES—See Levels and Gauges, Track  
 TRACK OVERHEAD CARRYING HOOKS—See Hooks, Track, Overhead Carrying  
 TRACK WRENCHES—See Wrenches, Track  
 TRACKS, Door—See Hangers and Hinges, Door

### TRACKS, Hay Carrier

Myers (F. E.) & Bro. Co., Ashland, O.  
 Ney Mfg. Co., Canton, O.  
 Starline, Inc., Harvard, Ill. "Starline"  
 TRACKS, SHOW CASE—See Tracks, Sliding Door

### TRACKS, Sliding Door

Allith-Prouty, Inc., Danville, Ill.  
 Coburn Trolley Track Co., Holyoke, Mass. "Coburn"  
 Corbin P. & F., New Britain, Conn.  
 Frantz Mfg. Co., Sterling, Ill.  
 Getty (H. S.) & Co., Inc., 3348 No. 10th, Phila., Pa.  
 Heller (W. C.) & Co., 700 Bryant, Montpelier, O.  
 Kason Hdw. Corp., 127 Wallabout, B'klyn, N. Y.  
 Keil (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.  
 Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y. "Lane's"  
 Lawrence Bros., Sterling, Ill. "New York"  
 Loudon Machinery Co., Fairfield, Ia.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 "Giant," "New Way," "Stayon," "Sure Grip"  
 National Lock Co., Rockford, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y.  
 Richards-Wilcox Mfg. Co., Aurora, Ill. "R-W Lock Joint"  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sargent & Co., New Haven, Conn.

Sharon Hardware Mfg. Co., Sharon, Pa.  
 Stanley Wks., New Britain, Conn.  
 Starline, Inc., Harvard, Ill. "Cannon Ball," "Flexo," "Sealtite," "20th Century," "Weather-proof"  
 Wagner Mfg. Co., Cedar Falls, Ia. "Evertite," "Leader," "Wagner"  
 Warren (J. D.) Mfg. Co., Montpelier, O.

### TRACKS, Train, Electric, Toy

Parfait Products, 500 N. Ogden Av., Chicago, Ill.  
 "Flex-I-Track"  
 TRACTOR CYLINDER HEADS—See Heads, Cylinder, Tractor  
 TRACTOR CYLINDER SLEEVES—See Sleeves, Cylinder, Tractor  
 TRACTOR PISTON PINS—See Pins, Piston, Tractor  
 TRACTOR PISTONS—See Pistons, Tractor  
 TRACTOR STUDS—See Studs, Tractor  
 TRACTORS, GARDEN—See Garden Tractors

### TRACTORS, Toy

Arcade Mfg. Co., Freeport, Ill.  
 TRAFFIC MARKERS—See Markers, Traffic  
 TRAFFIC SIGNAL OR FENDER FINDERS—See Finders, Traffic Signal or Fender  
 TRAFFIC SIGNS—See Signs, Traffic  
 TRAFFIC TOY SEMAPHORES—See Semaphores, Traffic, Toy  
 TRAILER COUPLERS—See Couplers, Trailer  
 TRAILER HITCHES—See Couplers, Trailer  
 TRAILER UTENSIL KITS—See Kits, Utensil, Trailer

### TRAILERS, Automobile

Aladdin Co., Bay City, Mich.  
 American Trailer & Mfg. Co., 1011 Santa Fe Av., Los Angeles, Cal.  
 Anderson Coach Co., Marshall, Mich.  
 Anthony Co., Inc., Streator, Ill.  
 Auto-Kamp Trailer Co., 4014 Sheridan Av., Saginaw, Mich. "Auto-Kamp," "Gliding Cruiser," "Home on Wheels"  
 Caldwell Mobil Homes, 230 W. South, Hillsboro, O. "Mobilhome"  
 Covered Wagon Co., 332 Cass Av., Mt. Clemens, Mich.  
 Electric Wheel Co., 1800 N. 28th, Quincy, Ill.  
 Gilkinson (E. P.) & Sons Co., 1819 Wabash Av., Terre Haute, Ind. "Gilke"  
 Indian Trailer Corp. of America, 2441 S. Michigan Av., Chicago, Ill.  
 Kozy Kamp Trailers Co., 6100 N. E. Columbia Blvd., Portland, Ore.  
 Linn Trailer Corp., 443 Chestnut, Oneonta, N. Y. "Linn," "U-Can-Back"  
 Pierce-Arrow Motor Corp., 1685 Elmwood Av., Buffalo, N. Y. "Travelodge"  
 Raymond Products Co., 1212 Rust Av., Saginaw, Mich. "Travelo"  
 Rose (Frank) Mfg. Co., Hastings, Neb.  
 Schult Trailers, Inc., 1800 S. Main, Elkhart, Ind.  
 Silver Dome, Inc., 1810 Reed Av., Kalamazoo, Mich.  
 Standard Trailer Co., 162 Grant, Cambridge Springs, Pa. "Honor Built"  
 York Trailer Co., York, Pa. "York Cruisers"

### TRAILERS, Bicycle

Musselman Products Co., 6242 St. Clair Av., Cleveland, O. "Doenut"  
 TRAINERS, Tomato—See Supports, Wire, Plant and Shrub

### TRAINS, Electric, Toy

American Flyer Div. of A. C. Gilbert Co., New Haven, Conn. "American Flyer"  
 Boucher Playthings Mfg. Corp., 36 E. 12th, New York, N. Y.  
 Lionel Corp., 15 E. 26th, New York, N. Y.

### TRAINS, Toy

Buddy "L" Mfg. Co., East Moline, Ill.  
 Dowst Mfg. Co., Chicago, Ill. "Toot-tietoy"  
 Hafner Mfg. Co., Chicago, Ill. "Overland Flyer"  
 Hoge Mfg. Co., Inc., 200 5th Av., New York, N. Y. "Tom Thumb"

### TRAMWAYS, AERIAL—See Tramways, Wire Rope

### TRAMMELS

Stanley Tools Div. of Stanley Works, New Britain, Conn.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.

### TRAMWAYS, Wire Rope

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Broderick & Bascom Rope Co., St. Louis, Mo.  
 Harrington Co., Phila., Pa.  
 Macwhyte Co., Kenosha, Wis.  
 Roebbing's Sons Co., Trenton, N. J. "Blue Center," "Roebbing"  
 Treadwell Engineering Co., Easton, Pa.  
 TRANSFER PICTURES—See Decalcomania



## FRANKLIN Liquid Hide GLUE

Ready for immediate use — **genuine hide glue of highest quality** — in liquid form! No mixing. No heating. No waste. And Franklin Glue makes **solid, binding joints that hold** — joints actually stronger than the wood itself!

### The CRAFTSMAN'S GLUE

— Outstanding Convenience! Superior Quality!  
Utmost Economy! **EVERY DROP WORKS!**

Franklin Glue is the amazingly efficient, super-quality adhesive you've been hearing so much about during the past five years. It has completely revolutionized gluing practice in hundreds of America's foremost woodworking plants. For every type of wood gluing Franklin Glue assures finest possible results — joints of outstanding strength and tenacity. Shear block tests invariably show wood failures of 100%! No chilled joints. No sunken joints. No fuss — no bother — no waste!

Now Available in "Home-Size" Packages — for Home Craftsmen, Model Builders, general repair work, Cabinet Shops, Manual Training Schools, Furniture Repair Shops, Hotels, Hospitals, etc.

Give your customers the glue that beats the world in quality and convenience and which is literally **beyond competition for making joints that hold!** Order thru your jobber — or direct from this advertisement.

#### ONE-TIME-ONLY OFFER

Franklin Glue quarter-pint cans retail at 30 cents each. Send \$2.00 for one dozen quarter-pints, parcel postage paid. **Only one order — of one dozen only** — at this very special "get-acquainted" price of \$2.00. **Jobber's name must be mentioned.** This offer good only until January 1, 1941.

**THE FRANKLIN GLUE COMPANY**  
COLUMBUS, OHIO  
Dept. A

The Franklin Glue Company, Columbus, Ohio, Dept. A  
Enclosed find \$2.00. Ship at once 12 quarter-pints of Franklin  
Liquid Hide Glue (retail value, 30 cents per can) as per your  
offer in Hardware Age. (Please PRINT plainly).

Dealer's Name \_\_\_\_\_

Address \_\_\_\_\_

City and State \_\_\_\_\_

Jobber \_\_\_\_\_

**EVERY DROP WORKS  
EVERY DROP GUARANTEED!**

**THERE'S NO SEASONAL SLUMP**

with these

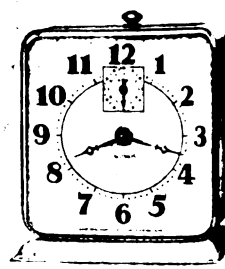
## Gilbert Clocks



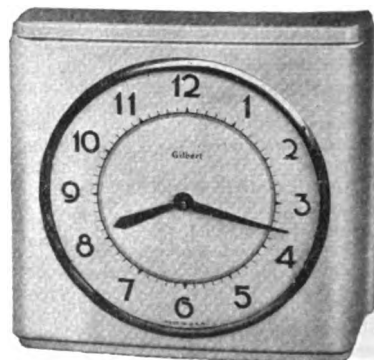
Small, easily-handled deals containing assorted styles and colors—with free display material where required.



A wide assortment of die-cast alarms—plain or radium dials —offer your customers greater utility and value, show you a greater profit.



To meet competition with no sacrifice in quality, style or profit—a line that will make money for you throughout the year.



Gilbert also offers you a full line of kitchen, mantel and novelty clocks—with spring or electric movements. They are built right, styled right, priced right and the record proves they will sell and stay sold.

Ask your wholesaler or write us, mentioning his name.

**THE WM. L. GILBERT CLOCK CORP.**

clock makers to the nation since 1807

**WINSTED, CONN.**

551 Fifth Avenue  
NEW YORK

58 E. Washington St.  
CHICAGO

607 S. Hill St.  
LOS ANGELES



**TRANSFORMERS, Bell and Signalling**

Auth Electrical Specialty Co., Inc., 422 E. 53rd, New York, N. Y.  
 Deal Electric Co., Inc., 388 Berry, B'klyn, N. Y.  
 Dongan Electric Mfg. Co., 2987 Franklin, Detroit, Mich.  
 Edwards & Co., Inc., Norwalk, Conn.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 General Transformer Corp., 1250 W. Van Buren, Chicago, Ill.  
 Jefferson Electric Co., Bellwood, Ill. "Nucode"  
 Killark Electric Mfg. Co., 3940 Easton Av., St. Louis, Mo.  
 Rittenhouse (A. E.) Co., Honeoye Falls, N. Y.  
 Signal Electric Mfg. Co., Menominee, Mich. "Signal"  
 Sola Electric Co., 2525 Clybourn Av., Chicago, Ill.  
 Wagner Electric Corp., 6413 Plymouth Av., St. Louis, Mo.

**TRANSFORMERS, Electric, Toy**

Gilbert (A. C.) Co., New Haven, Conn.  
 Jefferson Electric Co., Bellwood, Ill.  
 Lionel Corp., 15 E. 26th, New York, N. Y.  
 Marks Products Co., Inc., 84 N. 9th, B'klyn, N. Y.  
 "Snapit"  
 Metal Ware Corp., Two Rivers, Wis. "Empire"

**TRANSMISSION BELTING—See Belting, Transmission****TRANSMISSION ROPE—See Rope, Transmission****TRANSOM CATCHES—See Catches, Transom****TRANSOM CENTERS—See Centers, Sash****TRANSOM CHAINS—See Chains, Transom****TRANSOM EYES—See Eyes, Transom****TRANSOM HINGES—See Hinges, Transom****TRANSOM LIFTS—See Lifts, Transom****TRANSOM RODS—See Lifts, Transom****TRANSPLANTERS**

Masters Planter Co., 4029A West Lake, Chicago, Ill. "Masters"  
 Nagley Transplanter Co., Memphis, N. Y.  
 New Idea, Inc., Coldwater, O.  
 Shillinger (A.) & Sons, Tulsa, Okla. "Magic"

**TRAP CLEANERS—See Cleaners, Drain Pipe and Trap****TRAP DOOR RINGS—See Rings, Trap Door****TRAPPERS' TROWELS—See Trowels, Trappers'****TRAPS, Animal**

Animal Trap Co. of America, Lititz, Pa. "Gibbs Two-Trigger," "Newhouse," "Oneida Jump," "Oneida Victor"  
 Hawkins Co., South Britain, Conn. "Blake & Lamb Long Spring," "Blake & Lamb Under Spring."  
 Humane Trap Co., Fitchburg, Mass.  
 Kleffman Lock Snare Co., 716 3rd Av., Hibbing, Minn. "Klefflock"  
 Michigan Wire Goods Co., Niles, Mich. "Little Giant," "Reddick," "Star"

**TRAPS, ANT—See Exterminators, Ant****TRAPS, Beetle**

Crown Specialties, Inc., 1107 B'way, New York, N. Y.  
 Electrite Fence Co., 177 Knillans Bldg., Whitewater, Wis. "Electrite"  
 Ellis (Geo. D.) & Sons, Inc., 309 N. Third, Phila., Pa. "Ellisco"  
 Fertilist Corp., Westport, Conn.  
 Gonard & Olen, Inc., 140 Liberty, New York, N. Y. "G & O"  
 McAleer (E. J.) & Co., Inc., 1422 N. 8th, Phila., Pa. "Girard"

**TRAPS, Crab**

Hamblin & Russell Mfg. Co., Worcester, Mass. "Detector"

**TRAPS, Fish**

Cuba Specialty Mfg. Co., Houghton, N. Y.  
 Erickson Textile Co., Mokena, Ill.  
 Orvis (Chas. O.), Inc., Manchester, Vt.  
 Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City," "Jones"

**TRAPS, Fly**

Avis Manufacturing Co., 158 E. Holt Av., Pomona, Cal. "Avis"  
 Bromwell Wire Goods Co., Cincinnati, O.  
 Hamblin & Russell Mfg. Co., Worcester, Mass. "Hodge"  
 Safety Globe & Mfg. Co., Columbus, O. "Columbus"  
 Washburn Company, Worcester, Mass.

**TRAPS, Gopher**

Animal Trap Co. of America, Lititz, Pa. "California," "Newhouse," "Victor"  
 Michigan Wire Goods Co., Niles, Mich. "Star"

**TRAPS and BANDS, Lead, Sink**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.  
 National Lead Co., 111 B'way, New York, N. Y.

**TRAPS, Insect, Electric**

Chicago Electric Scientific Co., 2300 Warren Blvd., Chicago, Ill. "Cesco"  
 Coburn Mfg. Co., Whitewater, Wis.  
 Electric Screen Door Corp., 546 W. Washington Blvd., Chicago, Ill. "Sentinel Jr."  
 Electrite Fence Co., 177 Knillans Bldg., Whitewater, Wis. "Electrite"  
 Electro-Static Mfg. Co., Niles, Mich.  
 Folmer Electracide Co., Rochester, N. Y. "Electracide"  
 Jackson & Co., Inc., 89 Prospect Av., Mt. Vernon, N. Y. "Death Ray"  
 Miller Co., Meriden, Conn. "Ivanhoe"  
 National Electric Screen Co., 29 N. Peoria, Chicago, Ill. "Durobar"  
 Reynolds Electric Co., Chicago, Ill.  
 Ultramar Mfg. Corp., 1180 N. Howe, Chicago, Ill.  
 Warner Electric Co., Inc., 360 N. Michigan Av., Chicago, Ill.

**TRAPS, Mole**

Acme Specialty Corp., Middletown, Wis. "Ideal"  
 Animal Trap Co. of America, Lititz, Pa. "Out O' Sight," "Victor"  
 Grelle, C. E., Green Hills, Portland, Ore. "Acme"  
 Heartley Mach. & Tool Co., 900 Summit, Toledo, O. "Heartley's"  
 Michigan Wire Goods Co., 111 Second, Niles, Mich. "Little Giant," "Reddick"  
 Pioneer Mfg. Co., Middlebury, Ind.  
 Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo. "Schroeter's"

**TRAPS, Mouse—See Traps, Rat and Mouse****TRAPS, Rat and Mouse**

Animal Trap Co. of America, Lititz, Pa. "Auto-Set," "Four-Hole Choker," "Gladiator," "Holdfast," "Official," "Victor"  
 Booth Mfg. Co., Bethany, Mo. "Last Word"  
 Bromwell Wire Goods Co., Cincinnati, O.  
 Burditt & Williams Co., Boston, Mass. "Marty"  
 Drake (A. W.) Companies, 540 Security Bldg., Pasadena, Calif. "Beaten Path"  
 Elgin Products Co., 3954 Drexel Blvd., Chicago, Ill. "Elgin"  
 Gatch Wire Goods Co., 801 Buren, Baltimore, Md. "Katch-All"  
 Krisher Trading Corp., 210 Traffic Pl., Bklyn, N. Y. "Black Cat"  
 Lovell Mfg. Co., Erie, Pa. "Dead Easy," "Erie," "Short Stop," "Star," "Sure Catch," "Wood Choker"  
 McGill Metal Products Co., Marengo, Ill. "Better," "Cant Miss," "Never Miss"  
 Pickering Mfg. Co., Inc., Nashville, Tenn. "Sani-Set"  
 Schmid Bros., Lancaster, Pa.  
 Taplin Mfg. Co., New Britain, Conn.  
 Washburn Company, Worcester, Mass.  
 Wolverton Mfg. Co., Holton, Kan. "Surprise"  
 Worcester Wire Novelty Co., Inc., Baltimore, Md. "Hold-Em"

**TRAPS, Roach, Glass**

Capson Mfg. Co., Chicago, Ill. "Pines"

**TRAPS, Sparrow**

Animal Trap Co. of America, Lititz, Pa.  
 Crescent Co., Toms River, N. J.  
 Everset Trap Co., Davenport, Ia.

**TRAPS, Steel—See Traps, Animal****TRAPS, Target**

Chamberlain Target & Trap Wks., of Remington Arms Co., Inc., Bridgeport, Conn. "Chamberlain"  
 Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Av., Bridgeport, Conn. "Duvrock"  
 Remington Arms Co., Inc., Bridgeport, Conn. "Remington"  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Western Cartridge Co., Dept. 50, East Alton, Ill. "Hand-Trap," "McCrea Master," "Magic-Angle," "Master," "Western"

**TRAPSHOOTING GUNS—See Guns, Shot****TRASH BURNERS—See Burners, Rubbish****TRAY COVERS, LAUNDRY—See Covers, Laundry Tray****TRAYS, Aluminum**

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear-Ever"  
 Aluminum Goods Mfg. Co., Manitowish, Wis.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Standard Aluminum Co., Two Rivers, Wis.  
 Wagner Mfg. Co., Sidney, O.  
 West Bend Aluminum Co., West Bend, Wis.  
 Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

**TRAYS, ASH—See Receivers, Ash, Cigar****TRAYS, Bed and Boudoir**

American Art Works, Inc., Coshocton, O.  
 Beacon Mfg. Co., 1439 W. 9th, Cleveland, O.  
 Bolta Rubber Co., Inc., 151 Canal, Lawrence, Mass.  
 Carr (M. W.) Co., West Somerville, Mass.

Emerson Mfg. Co., Hooksett, N. H.  
 Excel Woodcraft Corp., 1715 Leonard, Cleveland, O.  
 General Wood Products Co., 2400 S. 11th, Rockford, Ill. "Golden Rule"  
 Gold Medal Folding Furniture Co., Racine, Wis.  
 Payne (A. S.) Co., North Bennington, Vt.  
 Robinhood Wood Products, 1259 E. 33rd, Los Angeles, Cal. "Robinhood Ware"

**TRAYS, Card Table**

Seymour Products Co., Seymour, Conn.

**TRAYS, Crumb**

(See also Brushes, Crumb)

Everedy Co., 6 East, Frederick, Md. "Evercraft"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Manning, Bowman & Co., Meriden, Conn.  
 Metal Ware Corp., Two Rivers, Wis. "Pilgrim Ware"  
 National Sheet Metal Co., Dept. A, Peru, Ill.  
 New York Stamping Co., 36 Gem, B'klyn, N. Y. "Empress Ware"  
 Patent Novelty Co., Inc., Fulton, Ill.  
 Revere Copper & Brass, Inc., 230 Park Av., New York, N. Y.

**TRAYS, FLOWER POT—See Brackets, Flower Pot****TRAYS, Fork—See Trays, Knife and Fork****TRAYS, Ice Cube**

Alter (Harry) Co., 1728 S. Michigan Av., Chicago, Ill.  
 Centroid Products, Inc., 13000 Athens Av., Cleveland, O. "Conice"  
 Inland Mfg. Co., Dayton, O. "Du-Flex," "Flexo-tray," "Quickcube"  
 McCord Radiator & Mfg. Co., Detroit, Mich. "Easy Out"

**TRAYS, Knife and Fork**

Imperial Mfg. Co., Cambridge, O.  
 Stoware, Inc., Stowe, Vt.

**TRAYS, Serving**

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. (Indurated Fibre)  
 American Art Works, Inc., Coshocton, O. "Social Supper"  
 Bolta Rubber Co., Inc., 151 Canal, Lawrence, Mass.  
 Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)  
 Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
 Eaton Mfg. Co., 755 E. 140th, Cleveland, O. "Metal-Bilt"  
 Enamel Products Co., Cleveland, O. "Tepco"  
 Everedy Co., Frederick, Md. "Evercraft"  
 General Wood Products Co., 2400 S. 11th, Rockford, Ill. "Golden Rule"  
 Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
 Lafayette Metal Spinning Co., Inc., 248 Lafayette, New York, N. Y.  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
 Manning, Bowman & Co., Meriden, Conn.  
 Metal Ware Corp., Two Rivers, Wis. "Pilgrim Ware"  
 Michigan Metal Products Co., Battle Creek, Mich. "Servadish"  
 Moore Enameling & Mfg. Co., W. Lafayette, O. "Enamlart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
 National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
 National Sheet Metal Co., Dept. A, Peru, Ill.  
 New York Stamping Co., 36 Gem, B'klyn, N. Y. "Empress Ware"  
 Ponten Mfg. Co., 1435 Fifth, Berkeley, Cal. (Curb service)  
 Richardson Co., Lockland, O. "Richelain"  
 Robinhood Wood Products, Inc., 1259 E. 33rd, Los Angeles, Cal. "Robinhood Ware"  
 Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
 Scheibel, R. R., Somerville, Mass. "Table Tray"  
 Seed Filter & Mfg. Co., 343 B'way, New York, N. Y.  
 Syracuse Ornamental Co., Syracuse, N. Y. "Syroco"  
 Toledo Stamping & Mfg. Co., Toledo, O.  
 Tray Service Co., Dallas, Tex. (Curb Service)  
 U. S. Stamping Co., Moundsville, W. Va.  
 Utility Electric Co., St. Louis, Mo. "Toastwell Hostess"  
 Vollrath Co., Sheboygan, Wis.  
 West Bend Aluminum Co., West Bend, Wis.  
 Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa. "Micarta"  
 Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

**TREADS, Stair, Brass**

American Mason Safety Tread Co., Lowell, Mass.  
 Kroder, Reubel Co., Inc., 108 Meeker Av., Bklyn, N. Y.  
 Waterbury Brass Goods Corp., Waterbury, Conn.

**TREADS, Stair, Lead Filled**

American Mason Safety Tread Co., Lowell, Mass. "Stanwood"

**COMBINATION RANGES**  
**Selling Better**  
**Than Ever Before!**

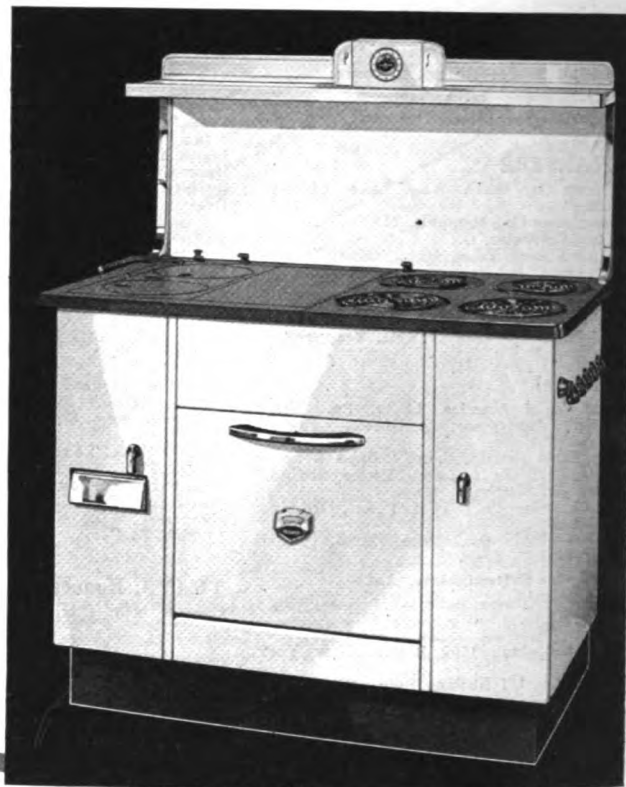
**Monarch**

**MONARCH OFFERS**  
**MOST COMPLETE**  
**LINE IN HISTORY!**

**Built for COAL - WOOD - OIL - ELEC-  
 TRICITY - GAS. Single and Double  
 Oven Models. Something for every  
 family where kitchen heat is need-  
 ed for comfort in cool weather.**

Warm in winter—cool in summer—and better cooking the year 'round with any fuel combination your customer may fancy. That's the popular appeal of these unique combination Monarch models. Their exclusive features and malleable construction lifts them out of ruinous price competition and gives the dealer a fair profit. Write us for full details. Here's a line that it pays to push.

**MALLEABLE IRON RANGE CO.**  
 6840 Lake St., Beaver Dam, Wis.



*Above right—*  
 Model CE19N for Electric-  
 ity and Coal-wood. Single  
 oven for both fuels. Same  
 design for GAS, Model  
 CG19N. Wall space 43".

*Left—*  
 Model CG75N for Gas  
 and Coal-wood. Separate  
 ovens for each fuel. Same  
 design for ELECTRICITY,  
 Model CE75N. Wall space  
 45".

*Right—*  
 Model CG77N for Gas  
 and Coal-wood. Separate  
 ovens for each fuel. Same  
 design for ELECTRICITY,  
 Model CE77N. Wall space  
 53".

Oil burners can be ap-  
 plied to fireboxes of coal-  
 wood sections.



## TREADS, Stair, Rubber

Anchor Rubber Products, Inc., Cleveland, O.  
"Anchor"  
Arafe (Geo. J.) Co., 83 High, Boston, Mass.  
Boston Woven Hose & Rubber Co., Cambridge, Mass.  
Buxbaum Co., Canton, O. "Akro"  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
"Dumaco"  
Goodrich (B. F.) Co., Akron, O.  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
Netherland Rubber Co., Cincinnati, O.  
Owen Rubber Products, Inc., Akron, O. "Champion," "Leader," "Special"  
R-C-A Rubber Co., Akron, O. "Deluxe," "Heavy," "Standard"  
Schacht Rubber Mfg. Co., Huntington, Ind.  
Tillinghast (B. C.) Rubber Co., Inc., Phila., Pa.  
United States Rubber Co., 1230 6th Av., New York, N. Y.

## TREADS, Stair, Safety

American Pressed Steel Co., Phila., Pa. "Never Slip."  
American Mason Safety Tread Co., Lowell, Mass.  
"Stanwood," "Mason"  
Gross, Wm. M., Sharon, Pa. "E-Z Klean"  
Kroeder, Reubel Co., Inc., 108 Meeker Av., Brooklyn, N. Y.  
Wooster Products, Inc., Wooster, O. "Wooster"

## TREE GUARDS—See Guards, Tree

## TREE ORNAMENTS, Christmas—See Ornaments, Christmas Tree

## TREE PRUNERS—See Pruners, Tree

## TREE SCRAPPERS—See Scrappers, Deck and Tree

## TREE TORCHES—See Torches, Tree, Asbestos

## TREE SURGEONS' CHISELS—See Chisels, Tree Surgeons'

## TREE SURGEONS' PRUNING & GRAFTING COMPOUNDS—See Compounds, Pruning & Grafting, Tree Surgeons'

## TREE SURGEONS' GOUGES—See Gouges, Tree Surgeons'

## TREE SURGEONS' MALLETS—See Mallets, Tree Surgeons'

## TREE SURGEONS' TOOLS—See Tools, Tree Surgeons'

## TREE TRIMMERS' SAFETY BELTS & STRAPS—See Belts & Straps, Safety, Tree Trimmers'

## TREE TRIMMERS' SAFETY SADDLES—See Saddles, Safety, Tree Trimmers'

## TREE TRIMMERS—See Trimmers, Tree

## TREENAIL AUGERS—See Augers, Treenail

## TREES, Christmas, Artificial

Beistle Co., Shippensburg, Pa. (Paper)  
Bikwell Brush Co., Rockford, Ill. (Fibre)  
Garrison-Wagner Co., St. Louis, Mo. (Paper)  
Giolita Corp., Waukegan, Ill. "Candelite," "Giolite"  
Hahn, Arthur W., 199 Lafayette, New York, N. Y.

## TREES, Shoe

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill. "Wonderfit"  
Anchor Mfg. Co., Piqua, O.  
Gilbert (E. T.) Mfg. Co., Rochester, N. Y. "Glicco"  
Justrite Mfg. Co., 2061 Southport Av., Chicago, Ill.  
Justrite Tip-Toe"  
Katzinger (Edward) Co., 1949 W. Cicero Av., Chicago, Ill.  
Mackie-Lovejoy Mfg. Co., 1701 W. 13th, Chicago, Ill. "Set Well"  
Paul & Beckman Mfg. Co., Phila., Pa. "Yellow Jacket"  
Plymouth Stamped Metal Co., Galion, O. "Stayput"

## TREES, Slipper—See Trees, Shoe

## TRELLISES

Adams Co., Dubuque, Ia.  
American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American"  
Brown (H. L.) Fence & Mfg. Co., Cincinnati, O. "Norwood"  
Buffalo Wire Wks. Co., Buffalo, N. Y.  
Colorado Fuel & Iron Co., Denver, Colo.  
Columbus Wire & Iron Wks. Co., Columbus, O.  
Concord Woodworking Co., W. Concord, Mass.  
Continental Steel Corp., Kokomo, Ind. "Pioneer Kokomo"  
Cyclone Fence Co., Waukegan, Ill. "Red Tag"  
Express Body Corp., Crystal Lake, Ill.  
Fiske (J. W.) Iron Wks., 78 Park Place, New York, N. Y.  
Grand Rapids Wire Products Co., Grand Rapids, Mich.  
Indiana Steel & Wire Co., Muncie, Ind. "Imperial"  
Leadclad Wire Co., Moundville, W. Va. "Leadclad"  
Mid-States Steel & Wire Co., Crawfordsville, Ind. (Wire)  
Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
Roehling's (John A.) Sons Co., Trenton, N. J. "Jersey"

Rowe Mfg. Co., Galesburg, Ill.  
Selden Mfg. Co., Palatka, Fla. (Wood)  
Smith (John P.) Co., New Haven, Conn.  
Smith (F. P.) Wire & Iron Wks., 2346 Claybourn Av., Chicago, Ill.  
Standard Fence Co., Oakland, Cal.  
Standard Novelty Wks., Duncannon, Pa. (Adjustable)  
Tyler (W. S.) Co., Cleveland, O.  
Wickwire Bros., Cortland, N. Y. "Gray Diamond Welded Fabric"  
Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. "Excelsior"

## TRENCH BRACES—See Braces, Trench & Timber

## TRICKS and TRICK BOXES, Magic

Adams (S. S.) Co., Asbury Park, N. J.  
Gilbert (A. C.) Co., New Haven, Conn.

## TRICYCLES

Beckley-Ralston Co., 42 W. 22nd, Chicago, Ill.  
Brown (E. C.) Co., Rochester, N. Y.  
Colson Corp., Elyria, O. "Colson," "Fairy"  
Garton Toy Co., Sheboygan, Wis.  
Gendron Wheel Co., Toledo, O. "Pioneer"  
Taylor (Frank F.) Co. (Norwood) Cincinnati, O.  
Westfield Mfg. Co., Westfield, Mass. "Columbia"

## TRIMMERS, Brick

Drew (C.) & Co., Kingston, Mass.

## TRIMMERS, Hedge

(See Also Shears, Hedge)  
Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich. "Ideal"  
Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
Detco Mfg. Co., Oaks, Pa. "Little Wonder"  
Diamond Point Push Hoe Co., Inc., 4188 Union Pacific Av., Los Angeles, Cal. "Diamond"  
Dixon (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
Heimerdinger (W. C.) Co., Inc., Louisville, Ky.  
Krahn Mfg. Co., Milwaukee, Wis. (Scalloped Tooth)  
Rugg (E. T.) Co., Newark, O. "Rugg-ed Trimmer"  
Smith (Seymour) & Son, Inc., Oakville, Conn. "Lightning Clipper"  
Unit Tool Co., Not Inc., Rock Island, Ill. "Multi-clip"

## TRIMMERS, Hedge, Electric

(See also Shears, Hedge, Electric)  
Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich. "Little Wonder," "O. K."  
Clipper Mfg. Co., Inc., Dixon, Ill. "Baby Old Nick"  
Detco Mfg. Co., Oaks, Pa. "Little Wonder"  
Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis. "Evinrude Hedge-Boy"  
Orr Co., not Inc., 9837 S. Hoyne Av., Chicago, Ill. "O. K."  
Robertson Mfg. Co., 10th & Sheridan Av., Michigan City, Ind. "Robertson-Dumore"  
Schartow Iron Products Co., Racine, Wis. "Slipco"  
Skilaw, Inc., 3310 Elston Av., Chicago, Ill. "Electric Trimmer," "Whiz"  
Syracuse Toelectric Mfg. Corp., Syracuse, N. Y. "Hedgegear"  
Wallington Mach. Co., 75 Paterson Av., Wallington, N. J. "Speed"

## TRIMMERS, Lamp Wick

Bridgeport Brass Co., Bridgeport, Conn.  
Ives (H. B.) Co., New Haven, Conn. "Barnard"

## TRIMMERS, Lawn—See Edgers and Trimmers, Lawn

## TRIMMERS NUTS—See Nuts, Trimmers

## TRIMMERS, Tack—See Tacks, Upholsterers'

## TRIMMERS, Tree

Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich. "Searight" (Long or Jointed; also Insulated)  
Boker (H.) & Co., Inc., 101 Duane, New York, N. Y.  
Columbus Handle & Tool Div. American Fork & Hoe Co., 1628 Euclid Av., Cleveland, O.  
Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
Leach Co., Oshkosh, Wis.  
Rhodes Mfg. Co., Grand Rapids, Mich.  
Smith (Seymour) & Son, Inc., Oakville, Conn. "Orchard," "Snap-Cut," "Standard," "Telephone," "Tip-Top," "Waters"

## TRIMMINGS, Furniture—See Cabinet Hardware

## TRIMMINGS, HAME—See Hame Trimmings

## TRIMS, Window

Acme Window Display Service, 305 E. 46th, New York, N. Y.  
Garrison-Wagner Co., St. Louis, Mo.  
Massillon-Cleveland-Akron Sign Co., Massillon, O.  
Stensgaard (W. L.) & Associates, Inc., 346 N. Justine Av., Chicago, Ill. "G.D.S."

## TRIVETS

Manning, Bowman & Co., Meriden, Conn.  
Wrightsville Hdw. Co., Wrightsville, Pa.

## TROLLEY LADDERS—See Ladders, Store

## TROLLEY TRACKS, Overhead—See Trolleys and Trolley Tracks, Overhead

## TROLLEYS and TROLLEY TRACKS, Overhead

Allith-Prouty, Inc., Danville, Ill. "Reliable"  
Atlas Car & Mfg. Co., Cleveland, O.  
Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
Case Crane & Kilbourne Jacobs Co., Columbus, O.  
Chisholm-Moore Hoist Corp., Tonawanda, N. Y.  
Coburn Trolley Track Co., Holyoke, Mass.  
Curtis Pneumatic Machinery Co., St. Louis, Mo.  
Euclid Crane & Hoist Co., Euclid, O.  
Ford Chain Block Div. American Chain & Cable Co., Inc., 2109 N. 2nd, Phila., Pa.  
Frantz Mfg. Co., Sterling, Ill. "Glide," "Hi-Lo," "Rollaway," "Runwel," "Shedwel"  
Hanna Eng'g Wks., Chicago, Ill.  
Harrington Co., Phila., Pa.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Lanebro Mfg. Co., Inc., Poughkeepsie, N. Y. "Lane's"  
Lawrence Bros., Sterling, Ill.  
Link-Belt Co., 2410 W. 18th, Chicago, Ill.  
McCabe Hanger Mfg. Co., 425 W. 25th, New York, N. Y.  
McKinney Mfg. Co., Pittsburgh, Pa.  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Clover Leaf," "Myers," "O.K.," "Sure Lock"  
National Mfg. Co., Sterling, Ill.  
Ney Mfg. Co., Canton, O.  
Northern Eng'g Wks., Detroit, Mich.  
Reading Chain & Block Corp., Reading, Pa.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Rochester Barn Equipment Co., Rochester, N. Y.  
Roepner Crane & Hoist Wks., Reading, Pa.  
Round (D.) & Son, Cleveland, O.  
Saginaw Stamping & Tool Co., Saginaw, Mich.  
Speidel, John G., Reading, Pa.  
Starline, Inc., Harvard, Ill.  
Union Mfg. Co., New Britain, Conn. "Union"  
Wagner Mfg. Co., Cedar Falls, Ia. "Wagner"  
Western Products, Inc., New Castle, Ind. "Western"  
Wright Mfg. Div. American Chain & Cable Co., Inc., York, Pa.  
Yale & Towne Mfg. Co., 4580 Tacony, Phila., Pa.  
TROLLING BRACKETS—See Brackets, Trolling  
TROLLING AND CASTING FISHING LINES—See Lines, Fishing, Casting & Trolling  
TROLLING AND CASTING SPOONS and SPINNERS—See Spoons and Spinners, Trolling and Casting

## TROPHIES, Rifle and Pistol Shooting

National Target & Supply Co., 1255 25th, N. W., Washington, D. C.

## TROUGHS, Eave

Ames (W. R.) Co., San Francisco, Cal.  
Badger Corrugating Co., La Crosse, Wis.  
Barnes Metal Products Co., 4425 W. 16th, Chicago, Ill.  
Berger Bros. Co., 229 Arch, Phila., Pa. "Quaker City"  
Braden Mfg. Co., Terre Haute, Ind.  
Chase Brass & Copper Co., Waterbury, Conn.  
Corning Mfg. Co., Corning, N. Y.  
Edwards Mfg. Co., Cincinnati, O.  
Husey (C. G.) & Co., Pittsburgh, Pa.  
Klauser Mfg. Co., Dubuque, Ia.  
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis. "Easy-Slip," "La Crosse"  
Milcor Steel Co., Milwaukee, Wis. "Crimpedge," "Kuean's Gutter"  
New Delphos Mfg. Co., Delphos, O.  
Norcor Mfg. Co., Green Bay, Wis.  
St. Paul Corrugating Co., St. Paul, Minn. "Easy Beam"  
Simplex Brooder Stove Co., Grand Rapids, Mich.  
Wheeling Corrugating Co., Wheeling, W. Va.  
Young (J. O.) Co., Springfield, Mass. (Wooden)

## TROUGHS, Hog

American Scale Co., Kansas City, Mo.  
Beatrice Steel Tank Mfg. Co., Beatrice, Neb.  
Bernard (Phillip) Co., Sioux City, Ia.  
Butler Co., Butler, Ind.  
Butler Mfg. Co., Kansas City, Mo.  
Celina Mfg. Co., Celina, O.  
Champion Blower & Forge Co., Lancaster, Pa.  
Columbian Steel Tank Co., Kansas City, Mo.  
Continental Steel Corp., Kokomo, Ind.  
Dayton-Dowd Co., Quincy, Ill.  
Des Moines Steel Tank Co., Des Moines, Ia.  
Drew Line Co., Fort Atkinson, Wis.  
Dutton (E. Q.) & Co., Cato, N. Y.  
Ferguson Mfg. Co., Dubuque, Ia.  
Franklin Equipment Co., Monticello, Ia. "Monticello"  
Freeland Sons Co., Sturgis, Mich.  
Freeland Steel Tank Co., Portage, Wis.  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
Hamachek, Frank, Kewanee, Wis.  
Harry (O. K.) Steel Co., 2337 Papin, St. Louis, Mo. "Okay"  
Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.



**MODEL DS—RECESS TYPE**

A very popular style. Made in three sizes, of auto body steel, electrically welded. No open mitres. No overlapping corners. Polished plate glass mirror with beveled edges, and etching. Glass held to door by stainless steel clips. Bulb edge glass shelves. Razor blade slot. Also available with lumiline lights as Model DSLL. Packed singly.



### MEDICINE CABINETS and PORCELAIN ENAMELED BATHROOM FIXTURES

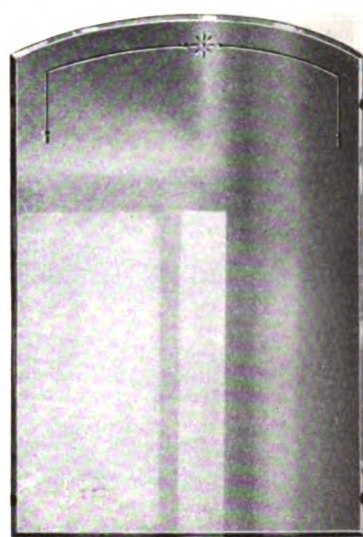
The genuine SNO-WITE line has been popular in homes, hotels and institutions for over 25 years. SNO-WITE is a symbol for quality and painstaking workmanship. Every cabinet including mirror is designed and made complete in our own plant. Mirrors are copper-backed (non-electrolytic) and guaranteed for five years against silver soilage. Bathroom fixtures are made of cast iron and fused with porcelain enamel at high heat, giving a durable and lustrous finish—available in colors and in three designs:

Elite—(1000 Line)—with patented wall plate concealing screws;

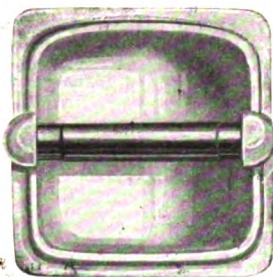
Kolor-Kraft—(800 Line)—Screw-on type with caps to cover screw heads;

Recess—(Inset Line)—for Tile, Plaster and Masonry walls.

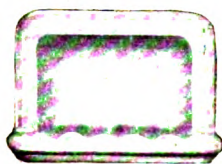
*Ask your Jobber to supply you. Send for Literature and Prices.*

**MODEL C-145—RECESS TYPE**

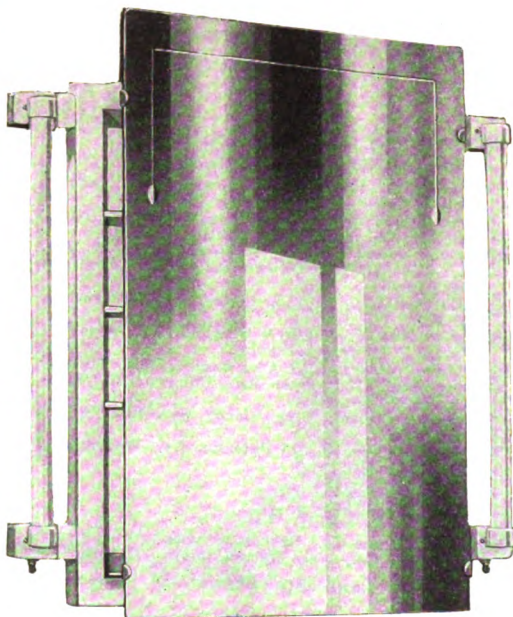
A new design of cabinet. AA quality 3/16" crystal mirror held to door by stainless steel clips. Bulb edge glass shelves. Razor blade slot. Packed singly.



**Style I-256**  
Toilet Paper Holder



**Style I-281**  
Lavatory Soap Dish

**MODEL ELLP—RECESS TYPE**

A most attractive square top cabinet with conservative mitre, equipped with inside-frost lumiline lights held by porcelain enameled brackets. Polished plate glass mirror. Stainless steel clips. Bulb edge glass shelves. Razor blade slot. Plug-in convenience outlet. Also available without lights as Model EP. Packed singly.



**Style 1089**  
Toilet Paper Holder with  
Spring Roller



**Style 1057**  
Open Soap Dish, including Tray



**Style 850**  
Tumbler Holder



**Style 858**  
Round Post Towel Bar



**Style 851**  
Oblong Wall Soap Dish

# AMERICAN ENAMELED PRODUCTS COMPANY

## WAUKESHA, WISCONSIN

Mention Hardware Age When Writing

Digitized by Google

**TROUGHS, Hog (Continued)**

Hawkeye Pump Co., Fairfield, Ia.  
Heller-Allen Co., Napoleon, O.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Klein Mfg. Co., Burlington, Ia.  
Laurelton Fdry. Co., Laurelton, Pa.  
Lyon Iron Wks., Greens, N. Y.  
Martin Steel Products Co., Mansfield, O.  
Mitchell Steel Co., Milwaukee, Wis.  
Mitchell Mfg. Co., Milwaukee, Wis.  
Mit-Sel Stamping Mfg. Co., Quincy, Ill.  
Mountville Mfg. Co., Mountville, Pa.  
National Mfg. Co., Des Moines, Ia.  
National Tubular Axle Co., Emigsville, Pa.  
North Dakota Metal Culvert Co., Fargo, N. D.  
Northfield Iron Co., Northfield, Minn.  
Oakes Mfg. Co., Inc., Tipton, Ind.  
Pioneer Mfg. Co., Middlebury, Ind.  
Reeves Steel & Mfg. Co., Dover, O.  
St. Paul Corrugating Co., St. Paul, Minn. "Pruden System"  
Sioux Falls Metal Culvert Co., Sioux Falls, S. D.  
Star Tank Co., Goshen, Ind.  
Superior Sheet Metal Wks. Co., 3201 Roosevelt Av., Indianapolis, Ind. "Superior"  
Vernier Mfg. Co., Cedar Rapids, Ia.  
Western Steel & Iron Wks., De Pere, Wis.

**TROUGHS, Poultry**

Badger Corrugating Co., La Crosse, Wis.  
Butler Co., Butler, Ind.  
Collins, W. H., 27 Greene, New York, N. Y.  
Cyclone Mfg. Co., Urbana, Ind. "Cyclone"  
Dayton-Dowd Co., Quincy, Ill. "Economy"  
Hoelt Div. Bell & Gossett, Inc., North Chicago, Ill.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
Klein Mfg. Co., Burlington, Ia.  
Mit-Sel Stamping Mfg. Co., Quincy, Ill.  
Mountville Mfg. Co., Mountville, Pa.  
National Mfg. Co., Des Moines, Ia.  
North Dakota Metal Culvert Co., Fargo, N. D. "Fargo"  
Oakes Mfg. Co., Inc., Tipton, Ind.  
Simplex Broder Stove Co., Grand Rapids, Mich. "Simplex"  
Starline, Inc., Harvard, Ill.  
Thomas-Armstrong Co., London, Ohio. "Buckeye"  
TROUSER GUARDS, Bicycle—See Guards, Trouser, Bicycle

**TROWELS, Butter**

Chatillon (John) & Sons, 85 Cliff, New York, N. Y. "Foster Bros."  
Lauders, Frary & Clark, New Britain, Conn. "Universal"  
Rose (Wm.) & Bros., Sharon Hill, Pa.

TROWELS, Cement—See Tools, Cement and Concrete

**TROWELS, Garden**

Akron-Sells Co., Akron, O. "Tasco"  
Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Lifetime," "Planet Jr."  
American Fork & Hoe Co., Cleveland, O. "True Temper"  
Animal Trap Co. of America, Lititz, Pa. "Trump"  
Boyle Mfg. Co., Los Angeles, Cal. "Boyco"  
Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Kohler," "Little Giant"  
Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
Ennis Mfg. Co., Reading, Pa.  
Field (Alfred) & Co., Inc., 98 Chambers, New York, N. Y. "Field" (British)  
Gozel (Walter A.) Co., 238 S. Erie, Toledo, O.  
Great Lakes Stamping & Mfg. Co., Toledo, O.  
Kees (F. D.) Mfg. Co., Beatrice, Neb.  
Kingsbury Mfg. Co., Keene, N. H.  
Marshalltown Trowel Co., Marshalltown, Iowa  
Metal Products Corp., 510 First Av., West Haven, Conn. "Par-Plus"  
Plymouth Stamped Metal Co., Gallon, O.  
Southington Hdw. Co., Southington, Conn. "Sonaco"  
Stanley Wks., New Britain, Conn.  
Union Fork & Hoe Co., Columbus, O. "Union"  
Village Blacksmith Folks, Watertown, Wis.

TROWELS, Masons—See Trowels, Plasterers', Masons', Pointing, Etc.

**TROWELS, Plasterers', Masons', Pointing, Etc.**

Atkins (E. C.) & Co., Indianapolis, Ind. "Browning," "Easy Grip," "Featherweight"  
Atlas-Ansonia Co., New Haven, Conn. "Sanford"  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
Carver Tool Wks., Spring Valley, N. Y.  
Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa. "Browning," "Flexolite," "Neverstain," "Stainless Steel"  
Eagle Mfg. Co., Wellsburg, W. Va.  
Ennis Mfg. Co., Reading, Pa.  
Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo. "No-Turn Handle," "Trowel Brand"  
Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y. "Bradex," "W H S" (British)  
Johnson (William), Inc., 36 Brenner, Newark, N. J.

Marshalltown Trowel Co., Marshalltown, Ia.  
"Browning," "Cincinnati," "Favorite," "Iowan," "Star," "Extra Lite"  
Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
Ohlen-Bishop Co., Columbus, O. "Cincinnati," "Meteorite," "Ohio"  
Rooney Adjustable Trowel Co., Cleveland, O.  
Rose (Wm.) & Bros., Sharon Hill, Pa.  
Southington Hdw. Co., Southington, Conn.  
Stortz (John) & Son, 210 Vine, Phila., Pa.  
United Wire Goods Mfg. Co., Inc., 1150 B'way, New York, N. Y. "Unitool"

TROWELS, Pointing—See Trowels, Plasterers', Masons', Pointing, Etc.

TROWELS, TILE SETTERS—See Trowels, Plasterers', Masons', Pointing, Etc.

**TROWELS, Trappers'**

Hawkins Co., South Britain, Conn. "Blake & Lamb"

TRUCK CASTERS—See Casters, Stove and Truck

TRUCK JACKS—See Jacks, Truck

TRUCK WHEELS—See Wheels, Hand, Truck

TRUCKS, ASH CAN—See Trucks, Hand

TRUCKS, Barrel—See Trucks, Hand

TRUCKS, Factory—See Trucks, Store, Warehouse and Factory.

**TRUCKS, Hand**

American Pulley Co., 4250 Wissahickon Av., Phila., Pa.  
Barrett-Cravens Co., 3250 W. 30th, Chicago, Ill.  
Arcade Mfg. Co., Freeport, Ill.  
Blair Tool & Machine Corp., College Point, N. Y.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Case Crane & Kilbourne Jacobs Co., Columbus, O. "K. & J."  
Casey-Foster Co., Boston, Mass. "Edstar"  
Champion Blower & Forge Co., Lancaster, Pa.  
C-K-R Div. American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. (Ash Can)  
Clark (Geo. P.) Co., Windsor Locks, Conn.  
Cleveland Wire Spring Co., Cleveland, O.  
Colson Corp., Elyria, O. "Colson"  
Fairbanks Co., 393 Lafayette, New York, N. Y.  
Francis (Chas. I.) Co., Rushville, Ind.  
Hamilton Caster & Mfg. Co., Hamilton, O. "Perfection"  
Illinois Iron & Bolt Co., Carpentersville, Ill.  
Keen Mfg. Corp., 28309 Arsenal Av., Flat Rock, Mich. (Rubberized)  
Knapheide (Henry) Wagon Co., Quincy, Ill. "Liberty"  
Lansing Co., Lansing, Mich.  
Lewis-Shepard Sales Corp., Watertown, Mass.  
McKinney Mfg. Co., Pittsburgh, Pa. "One-Man"  
Menasha Wood Split Pulley Co., Menasha, Wis. "Lawson"  
Musselman Products Co., 6242 St. Clair Av., Cleveland, O. "Doenut"  
Nutting Truck Co., Fairbault, Minn.  
Orangeville Mfg. Co., Orangeville, Pa.  
Palode Engineering Co., Inc., Hippodrome Bldg., Cleveland, O. "Tubar"  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Saginaw Stamping & Tool Co., Saginaw, Mich. "Raceway"  
Sargent, Osgood & Roundy, Randolph, Vt.  
Schriver (O. P.) Co., Cincinnati, O. "Heracles"  
Syracuse Chilled Plow Co., Inc., Syracuse, N. Y.  
Turney (Joel) & Co., Fairfield, Ia. "Fairfield"  
Union Steel Products Co., Abion, Mich.  
Wash Co., Inc., 720 N. Bowman Av., Danville, Ill. "Grab-It"

**TRUCKS, Hand, Elevating**

Arcade Mfg. Co., Freeport, Ill.  
Barrett-Cravens Co., 3250 W. 30th, Chicago, Ill.  
Clark (Geo. P.) Co., Windsor Locks, Conn.  
Excelsior Plimtruck Co., Stamford, Conn.  
Fairbanks Co., 393 Lafayette, New York, N. Y.  
Harris & Reed Mfg. Co., 1510 W. 15th, Chicago, Ill. "Universal"  
Lewis-Shepard Sales Corp., Watertown, Mass.  
Nutting Truck Co., Fairbault, Minn.  
Service Caster & Truck Co., Albion, Mich.  
Yale & Towne Mfg. Co., 4530 Tacony, Phila., Pa. "Zephyr"

**TRUCKS, Motor**

Autocar Co., Ardmore, Pa.  
Brookway Motor Co., Cortland, N. Y.  
Chrysler Corp., 341 Mass., Detroit, Mich.  
Diamond T Motor Car Co., 4517 W. 26th, Chicago, Ill.  
Dodge Div. Chrysler Corp., Detroit, Mich.  
Federal Motor Truck Co., 5780 Federal, Detroit, Mich.  
Ford Motor Co., Dearborn, Mich.  
General Motors Truck & Coach Div. Yellow Truck & Coach Mfg. Co., Pontiac, Mich. "GMC"  
Gramm Motor Truck Corp., Delphos, O.  
International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "International"  
La France Ward Truck Corp., Elmira, N. Y.  
Mack-International Motor Truck Corp., 625 W. 42nd, New York, N. Y.  
Reo Motor Car Co., Lansing, Mich.  
Sterling Motor Truck Co., West Allis, Wis.  
Studebaker Corp., South Bend, Ind.  
Stewart Motor Corp., Dewey Av., Buffalo, N. Y.

Walker Vehicle Co., 101 W. 87th, Chicago, Ill. "Dynamotive"  
White Motor Co., 842 E. 79th, Cleveland, O.

**TRUCKS, Platform**

American Pulley Co., 4200 Wissahickon Av., Phila., Pa.  
Case Crane & Kilbourne Jacobs Co., Columbus, O. "K. & J."  
Colson Corp., Elyria, O. "Colson"  
Electric Wheel Co., 1800 N. 28th, Quincy, Ill.  
Fairbanks Co., 393 Lafayette, New York, N. Y.  
Lewis-Shepard Sales Corp., Watertown, Mass.  
May-Fran Engineering, Inc., 1710 Clarkstone Rd., Cleveland, O. "May-Fran"  
Nutting Truck Co., Fairbault, Minn.  
Orangeville Mfg. Co., Orangeville, Pa.  
Saginaw Stamping & Tool Co., Saginaw, Mich.  
Self-Lifting Piano Truck Co., Findlay, O.  
Tucker-Dorsey Mfg. Corp., 302 S. State, Indianapolis, Ind. "Leader," "Tucker"  
Yale & Towne Mfg. Co., 4530 Tacony, Phila., Pa.

**TRUCKS, Refrigerator**

Arcade Mfg. Co., Freeport, Ill.  
De Boer Mfg. Co., Inc., 1540 S. State, Syracuse, N. Y. "Acme"  
Fairbanks Co., 393 Lafayette, New York, N. Y.  
International Engineering, Inc., Dayton, O.  
Keen Mfg. Corp., 28309 Arsenal Av., Flat Rock, Mich. (Rubberized)  
Lansing Co., Lansing, Mich.  
May-Fran Engineering, Inc., 1710 Clarkstone Rd., Cleveland, O. "May-Fran"  
Orangeville Mfg. Co., Orangeville, Pa.  
R. & R. Appliance Co., Inc., Findlay, O. "Easy-Way"  
Self-Lifting Piano Truck Co., Findlay, O.  
Stitt (H. L.) Co., 825 Penn Av., Wilkensburg, Pa. "Yeats"

**TRUCKS, Store, Warehouse and Factory**

American Pulley Co., 4200 Wissahickon Av., Phila., Pa.  
Armstrong Truck Co., North Wales, Pa.  
Atlas Car & Mfg. Co., Cleveland, O.  
Backus (A.) Jr. & Sons, Detroit, Mich. (Box Woven)  
Baltimore Cooperage Co., Baltimore, Md.  
Bingham (J. E.) Mfg. Co., Lawrence, Mass.  
Buda Co., Harvey, Ill.  
Case Crane & Kilbourne Jacobs Co., Columbus, O. "K. & J."  
Chase Foundry & Mfg. Co., Columbus, O.  
Chattanooga Wheelbarrow Co., Chattanooga, Tenn. "Chattanooga"  
Clark (Geo. P.) Co., Windsor Locks, Conn.  
Cleveland Wire Spring Co., Cleveland, O.  
Colson Corp., Elyria, O. "Colson"  
Columbian Mail Crane Co., Columbus, O.  
Continental Diamond Fibre Co., East Newark, Del.  
Electric Wheel Co., 1800 N. 28th, Quincy, Ill.  
Excelsior Plimp Truck Co., Stamford, Conn.  
Fairbanks Co., 393 Lafayette, New York, N. Y.  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill.  
Fibre Specialty Mfg. Co., Kennett Square, Pa.  
Glasecock Stove & Mfg. Co., Greensboro, N. C.  
Hamilton Caster & Mfg. Co., Hamilton, O.  
Hooper (Wm. E.) & Sons Co., Phila., Pa. (Duck, Steel Frame)  
Howe Scale Co., Rutland, Vt.  
Illinois Iron & Bolt Co., Carpentersville, Ill. "Heracles"  
Keen Mfg. Corp., 28309 Arsenal Av., Flatrock, Mich. (Rubberized)  
Knapheide (Henry) Wagon Co., Quincy, Ill. "Liberty," "Old Favorite," "Quincy," "Service"  
Ladel Truck & Foundry Co., New Phila., O.  
Lansing Co., Lansing, Mich. "Reynolds Improved"  
Lewis-Shepard Sales Corp., Watertown, Mass.  
McKinney Mfg. Co., Pittsburgh, Pa. "One-Man"  
May-Fran Engineering, Inc., 1710 Clarkstone Rd., Cleveland, O. "May-Fran"  
Menasha Wood Split Pulley Co., Menasha, Wis. "Lawson"  
Messinger Mfg. Co., Tatamy, Pa.  
Metal Products Corp., 49 Chestnut, Washawken, N. J.  
Musselman Products Co., 6242 St. Clair Av., Cleveland, O. "Doenut"  
National Vulcanized Fibre Co., Wilmington, Del. "Laminas"  
New Britain Mach. Co., New Britain, Conn.  
Nutting Truck Co., Fairbault, Minn.  
Ohio Galvanizing & Mfg. Co., Niles, O.  
Omaha Folding Machine Co., Omaha, Neb.  
Orangeville Mfg. Co., Orangeville, Pa.  
Rogers Fibre Co., Boston, Mass. "Leatheroid"  
Saginaw Stamping & Tool Co., Saginaw, Mich. "Raceway"  
St. Louis Truck & Mfg. Co., St. Louis, Mo. "American"  
Schriver (O. P.) & Co., Cincinnati, O. "I.X.L."  
Self-Lifting Piano Truck Co., Findlay, O.  
Service Caster & Truck Co., Albion, Mich.  
Southern Skein & Fdry. Co., Chattanooga, Tenn.  
Standard Holloware Corp., 92 Bogart, B'klyn, N. Y. "Monarch"  
Sterling Wheelbarrow Co., Milwaukee, Wis.  
Streich (A.) & Bro. Co., Oshkosh, Wis.  
Tucker-Dorsey Mfg. Corp., Indianapolis, Ind.  
Wallace (J. D.) & Co., Chicago, Ill.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.  
Whitehurst (R. W.) Mfg. Corp., Norfolk, Va.  
Yale & Towne Mfg. Co., 4530 Tacony, Phila., Pa. (Electric)



## Ask the Man Who Uses Pliers

Because of the craftsman methods—because of the keen, perfectly matched cutting knives—because of the individual manufacturing and heat treating methods—Kleins represent the best in pliers. Backed by experience—"Since 1857," Kleins have the acceptance that will make your store headquarters for fine tools. Sell Kleins.



KLEIN'S  
No. 201NE  
Streamlined  
Side Cutting Plier

Write for  
the  
Pocket Tool  
Guide

Mathias **KLEIN** & Sons  
Established 1857 Chicago, Ill. U.S.A.

3200 Belmont Avenue, Chicago, Illinois



## ADDITIONAL ITEMS YOUR CUSTOMERS NEED



Every householder that comes into your store needs a heater cord, a replacement cord, a plug, a triple tap or some similar device.

General Electric has a line of these devices that it will pay you to stock. The widely known G-E monogram will help you to sell.

Display them on your counter and in your window to remind customers. You can add one or more of these devices to every sale. For further information see the nearest G-E Merchandise Distributor or mail the coupon below.

General Electric Company  
Section D-0457  
Appliance and Merchandise Dept.  
Bridgeport, Connecticut

Sirs: Please send me complete information on your wiring devices for additional over-the-counter sales.

Name .....

Address .....

City..... State.....

**GENERAL ELECTRIC**

## ADVERTISE IN THE RIGHT MEDIUM

For anything pertaining to Hardware—the right medium is Hardware Age—it covers the hardware trade thoroughly.

A "Classified Advertisement" in Hardware Age will carry your message to the greatest number of readers of any hardware paper and put you in touch with the "class" you want to reach. Use the

## Classified Opportunities Section

of Hardware Age to reach Hardware Manufacturers, Manufacturers' Agents, Jobbers, Jobbers' Salesmen, Retailers and Retail Salesmen.

It is the meeting place for buyer or seller, employer or employee. For those who desire to contact desirable sales accounts,—secure a good position—need help for their expanding business, or wish to market a worthy product your ad. in the "Classified Section" will produce quick, tangible results. Hardware Age enjoys the confidence and following of the hardware trade.

## HARDWARE AGE

A Chilton Publication

Classified Opportunities  
Department

100 East 42nd Street, New York, N. Y.

A.B.C.—Charter Member—A.B.P. Inc.

Mention Hardware Age When Writing



**TRUCKS, Stove**

Arade Mfg. Co., Freeport, Ill. "Baltaly"  
Clark (Geo. P.) Co., Windsor Locks, Conn.  
Hamilton Caster & Mfg. Co., Hamilton, O.  
Keen Mfg. Corp., 28309 Arsenal Av., Flatrock, Mich.  
(Rubberized)  
Lansing Co., Lansing, Mich.  
Norman Mfg. Co., Inc., Shickshinny, Pa. "Sir Norman"  
Positive Safety Mfg. Co., 4408 Perkins Av., Cleveland, O.  
Self-Lifting Piano Truck Co., Findlay, O.  
Stitt (H. L.) Co., 825 Penn Av., Wilkesburg, Pa. "Yeats"

**TRUCKS, Warehouse—See Trucks, Store, Warehouse and Factory**

**TRUCKS, Toy**

All Metal Products Co., Wyandotte, Mich.  
Arade Mfg. Co., Freeport, Ill.  
Buddy "L" Mfg. Co., East Moline, Ill. (Pull-N-Ride)  
Kingsbury Mfg. Co., Keene, N. H. "Aerial"  
Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y. "Master"  
Murray Ohio Mfg. Co., Cleveland, O. "Steelcraft"  
Turner (John C.) Corp., Wapakoneta, O. "Turner"

**TRUNKS, Automobile**

International Mfg. Co., Boston, Mass. "Practo Carry-All"  
Likly & Rockett Trunk Co., Cleveland, O.  
**TRUNK CASTERS—See Casters, Trunk**  
**TRUNK HARDWARE—See Hardware, Trunk**  
**TRUNK LIFTS—See Lifts, Fuel and Basement**  
**TRUNK LOCKS—See Locks, Trunk**  
**TRUNK NAILS—See Nails, Trunk**  
**TRUNK RACKS, Automobile—See Carriers, Luggage**  
**TRUNK RIVETS—See Rivets, Trunk**  
**TRUNK STRAPS—See Straps, Trunk**

**TRUNKS, Toy**

California Trunk & Suitcase Factory, San Francisco, Cal.  
Case (N. D.) Co., Athol, Mass.  
Malm (W. R.) & Co., San Francisco, Cal.  
Mason & Parker Mfg. Co., Winchendon, Mass.  
Mendel-Drucker Co., Cincinnati, O.  
Totty Trunk & Bag Co., Petersburg, Va.  
**TRY SQUARE—See Squares, Try**  
**TUB COVERS—See Covers, Tub**  
**TUBE CUTTERS—See Cutters, Tubing**  
**TUBE EXPANDERS—See Expanders, Tube**  
**TUBE TESTER—See Testers, Tube, Radio**

**TUBES, Automobile, Inner**

(See also Tires, Automobile, Pneumatic)

Cooper Corp., Akron, O.  
Dayton Rubber Mfg. Co., Dayton, O. "Thorobred"  
Diamond Rubber Co., Inc., Akron, O.  
Dunlop Tire & Rubber Corp., Buffalo, N. Y.  
Falls Rubber Co., Inc., Akron, O.  
Firestone Tire & Rubber Co., Akron, O.  
Fisk Tire & Rubber Co., Chicopee Falls, Mass.  
General Tire & Rubber Co., Akron, O. "Red Coat"  
Giant Tire & Rubber Co., Akron, O.  
Goodrich (B. F.) Co., Akron, O. "Silvertown"  
Goodyear Tire & Rubber Co., Akron, O.  
Kelly-Springfield Tire Co., Cumberland, Md.  
Lee Tire & Rubber Co., Conshohocken, Pa.  
Mansfield Tire & Rubber Co., Mansfield, O. "Mansfield-Century"  
"Richland"  
Master Tire & Rubber Corp., Akron, O.  
Mohawk Rubber Co., Market, Akron, O. "Star"  
Norwalk Tire & Rubber Co., Norwalk, Conn.  
Pennsylvania Rubber Co., Jeannette, Pa.  
Pharise Tire & Rubber Co., Newark, O.  
Seiberling Rubber Co., Akron, O.  
United States Rubber Co., 1230 6th Av., New York, N. Y.

**TUBES, Bicycle, Inner**

Continental Rubber Works, Erie, Pa. "Brigadier"  
"Elephant Hide," "Vitalic"  
Mansfield Tire & Rubber Co., Mansfield, O. "Challenger," "Mansfield"

**TUBES, Vacuum, Radio**

Arcturus Radio Tube Co., 720 Frelinghuysen, Newark, N. J.  
Champion Radio Wks., Inc., Danvers, Mass.  
Cunningham (E. T.), Inc., Harrison, N. J.  
Hygrade-Sylvania Corp., Salem, Mass.  
Bytron Corp., Salem, Mass.  
Ken-Rad Corp., Owensboro, Ky. "A C," "Archatron"  
Philco Radio & Television Corp., Tioga & C. Phila., Pa. "Philco"  
Raytheon Mfg. Co., Newton, Mass.  
RCA Mfg. Co., Harrison, N. J. "Radiotron"  
Triad Mfg. Co., Pawtucket, R. I.

**TUBES, Speaking, House**

Dieckmann (Ferdinand) Co., 1182 Harrison Av., Cincinnati, O.  
Klauser Mfg. Co., Dubuque, Ia.  
Mileor Steel Co., Milwaukee, Wis.

**TUBES, Swimming**

Essex Rubber Co., Trenton, N. J. "World of Fun"  
**TUBES, Vacuum, Radio—See Radio Vacuum Tubes**

**TUBES, Wiring, Porcelain**

Circle F. Mfg. Co., Trenton, N. J.  
Deal Electric Co., Inc., 338 Berry, B'klyn, N. Y.  
Knox Porcelain Corp., Knoxville, Tenn.  
Porcelain Products, Inc., Findlay, O.

**TUBING, Brass and Copper**

American Brass Co., Waterbury, Conn. "Anaconda"  
American Tube Works, Boston, Mass.  
Bridgeport Brass Co., Bridgeport, Conn.  
Bristol Brass Co., Bristol, Conn.  
Chase Brass & Copper Co., Waterbury, Conn.  
Clendenin Bros., Inc., 110 South Baltimore, Md.  
Federated Metals Corp., Chicago, Ill.  
French Mfg. Co., Waterbury, Conn.  
Imperial Brass Mfg. Co., Chicago, Ill.  
MacKenzie-Walton Co., Pawtucket, R. I.  
Michigan Copper & Brass Co., Detroit, Mich.  
Parker Appliance Co., 17325 Euclid Av., Cleveland, O.

Revere Brass & Copper, Inc., 230 Park Av., New York, N. Y.

Wells (A. H.) & Co., Waterbury, Conn.

Wolverine Tube Co., Detroit, Mich. (Seamless)

**TUBING, Copper—See Tubing, Brass and Copper**

**TUBING CUTTERS—See Cutters, Tubing**

**TUBING, Electrical Metallic**

Austin (M. B.) Co., 108 S. Des Plaines, Chicago, Ill.  
Youngstown Sheet & Tube Co., Youngstown, O.

**TUBING, Gas**

Atlantic Tubing & Rubber Co., Providence, R. I.  
"Gaspruf"  
Chicago Metal Hose Corp., 1315 S. 3rd Av., Maywood, Ill. "Kantleke"  
Durst Mfg. Co., Inc., 468 E'way, New York, N. Y. "Dumaco"  
Eastman Mfg. Co., Manitowoc, Wis.  
Excello Mfg. Co., 226 Hartford Av., Providence, R. I.  
Federal Tubing Co., 811 Chestnut, Phila., Pa. "Gold Stripe," "Kopper-King"  
Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
New York Gas Tubing Co., 812 Greenwich, New York, N. Y. "Sta-Tite"  
Tiffex Metal Hose Co., 500 Frelinghuysen Av., Newark, N. J.  
**TUBING, Rubber—See Hoses, Rubber**

**TUBING, Stainless Steel**

National Tube Co., Frick Bldg., Pittsburgh, Pa. "U. S. S."

**TUBING, Steel**

American Metal Products Co., Detroit, Mich.  
Agner Simplex Co., Burlington, Wis.  
Bethlehem Steel Co., Bethlehem, Pa.  
Detroit Seamless Steel Tubes Co., Detroit, Mich.  
Globe Seamless Steel Tubes Co., Milwaukee, Wis.  
Metal Forming Corp., Elkhart, Ind. "Mefco"  
Michigan Steel Tube Products Co., Detroit, Mich. (Welded)  
Mohegan Tube Co., 306 Scott Av., B'klyn, N. Y.  
National Tube Co., Frick Bldg., Pittsburgh, Pa.  
Ohio Seamless Tube Co., Shelby, O.  
Parker Appliance Co., 17325 Euclid Av., Cleveland, O.  
Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, N. Y. (Chrome & Stainless)  
Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
Republic Steel Corp., Republic Bldg., Cleveland, O. (Electric Resistance Welded)  
Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
Toledo Steel Tube Co., Toledo, O.  
Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"  
Yost Superior Co., Springfield, O. (Flexible)  
Youngstown Steel Products Co., Youngstown, O.

**TUBING, Steel, Seamless**

Detroit Seamless Steel Tubes Co., Detroit, Mich.  
Globe Seamless Steel Tubes Co., Milwaukee, Wis.  
National Tube Co., Frick Bldg., Pittsburgh, Pa. "Shelby"  
Ohio Seamless Tube Co., Shelby, O.  
Pittsburgh Seamless Tube Co., Beaver Falls, Pa.  
Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
Timken Roller Bearing Co., Canton, O.  
Youngstown Steel Products Co., Youngstown, O.

**TUBS, Bath, Enameled Iron**

Alliance Porcelain Products Co., Alliance, O.  
Eljer Co., Ford City, Pa.  
Ellwood Co., Ellwood City, Pa. "Blue Cross"  
Hajoca Corp., Phila., Pa.  
Humphreys Mfg. Co., Mansfield, O. "Mirard"  
Kohler Co., Kohler, Wis. "Imperial," "Sovereign"  
Rundle Mfg. Co., Milwaukee, Wis.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
United States Sanitary Mfg. Co., Pittsburgh, Pa.

**TUBS, Bath, Folding**

Gold Medal Folding Furniture Co., Racine, Wis.  
Hodgman Rubber Co., Framingham, Mass.  
Rench Mfg. Co., 16th & Junction Av., Racine, Wis.

**TUBS, Bath, Infants'**

Baby Bathinette Corp., 404 Platt, Rochester, N. Y. "Bathinette"  
Bellaire Enamel Co., Bellaire, O. "Beco," "Better Baby," "Ideal"  
Columbian Enameling & Stamping Co., Terre Haute, Ind.  
Federal Enameling & Stamping Co., McKees Rocks, Pa. "Old Holland"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
Kreamer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
Lisk Mfg. Co., Canandaigua, N. Y.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Pittsburgh Tinware Mfg. Co., Pittsburgh, Pa.  
Vollrath Co., Sheboygan, Wis.

**TUBS, Bath, Porcelain**

Ford Porcelain Wks., Perth Amboy, N. J.  
Humphreys Mfg. Co., Mansfield, O. "Mirard"  
Kohler Co., Kohler, Wis.  
Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
Trenton Potteries Co., Trenton, N. J.  
United States Sanitary Mfg. Co., Pittsburgh, Pa.

**TUBS, Foot**

Federal Enameling & Stamping Co., McKees Rocks, Pa.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
Kreamer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Reeves Steel & Mfg. Co., Dover, O.  
Rochester Can Co., Rochester, N. Y.  
Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
United States Stamping Co., Moundsville, W. Va.

**TUBS, Ice, Wood**

American Thermos Bottle Co., Norwich, Conn. "Thermos"

**TUBS, Iron, Galvanized**

Boyle Mfg. Co., Los Angeles, Cal. "Boyco"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
Lawson (F. H.) Co., Cincinnati, O.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
One Minute Washer Co., Kellogg, Ia. "One Minute"  
Pittsburgh Tinware Mfg. Co., Pittsburgh, Pa.  
Reeves Steel & Mfg. Co., Dover, O. "E-Z Drain"  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Savory, Inc., 591 Ferry, Newark, N. J.

**TUBS, Laundry**

Alberene Stone Co., 153 W. 23rd, New York, N. Y.  
Chicago Granite Mfg. Co., 4920 S. Rockwell, Chicago, Ill.  
Ellwood Co., Ellwood City, Pa. "Blue Cross"  
Humphreys Mfg. Co., Mansfield, O. "Mirard"  
Ingram-Richardson Mfg. Co., Beaver Falls, Pa.  
Kohler Co., Kohler, Wis.  
Mitchell Metal Products, Inc., 6501 Cedar Av., Cleveland, O. "Washrite"  
Reeves Steel & Mfg. Co., Dover, O. "Self-Drain"  
Standard-Elmore Granite Co., Chicago, Ill. "Universal"  
Trenton Potteries Co., Trenton, N. J.  
Vermont Soapstone Co., Perkinsville, Vt.

**TUBS, Mortar**

Fairbanks Co., 393 Lafayette, New York, N. Y.  
Jackson Mfg. Co., Harrisburg, Pa.  
Lansing Co., Lansing, Mich.

**TUBS, Rinsing, Washing Machine**

Celina Mfg. Co., Celina, O. "Handy"

**TUBS, Wash**

Alliance Porcelain Products Co., Alliance, O.  
Atlantic Stamping Co., Rochester, N. Y.  
Behrens (H.) Mfg. Co., Winona, Minn.  
Cincinnati Galvanizing Co., Cincinnati, O.  
General Metalware Co., Minneapolis, Minn. "Martinsware"  
Larnack Products, Inc., Columbus, O. "Lamneck"  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Lisk Mfg. Co., Canandaigua, N. Y.  
Matthews Mfg. Co., Inc., Newton, Ia. "Roll-Away"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Pittsburgh Tinware Mfg. Co., Pittsburgh, Pa.  
Reeves Steel & Mfg. Co., Dover, O.  
Richmond Cedar Works, Richmond, Va.  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
Schmid Bros., Lancaster, Pa.  
Wheeling Corrugating Co., Wheeling, W. Va. "Junior Tub," "Totetub," "Tubette"

**TUBS, Wooden—See Pails and Buckets, Wooden**  
**TUBULAR LANTERNS—See Lanterns, Tubular**



### Fast Selling Tools

No. 1—New BARCALO Screw Driver for Phillips Recessed Head Screws. Tempered, polished steel blade, hardwood handle. Sizes: 3" to 8" blade. In great demand. Free Display Boards are available to Dealers.

No. 2—Knife-Handle Screw Driver—drop-forged and hardened. Durable transparent lacquer. Steel part full polished. Hardwood handle. Sizes: 2" to 8" blade.

No. 3—Solid Punch—high quality silico manganese tool steel. Also Prick and Center Punches. Sizes: 3/8" and 1/2". Black Enamel finish, ends polished.

No. 4—Cold Chisel—high quality silico manganese steel. Sizes: 3/8" and 1/2". Also 5/8" size made from carbon steel. Black Enamel finish, ends polished.

No. 5—Adjustable 22 1/2 degree Angle Wrench. Drop-forged bar and jaw, accurately machined and tempered. Full polished, semi-polished or black rust-proof. Length 4" to 15". Also Thin Model made from Vanadium Steel.

No. 6—Tinner's Snips—drop-forged, tempered, faces ground bright. Red enamel handle. Length: 7", 10" and 12" cut 2", 2 1/2" and 3". 10" and 12" sizes have beveled cutting edges.

No. 7—Slip Joint Pliers with Wire Cutter—drop-forged, knurled handles. Sizes: 5 1/2" to 10". Bright Nickel and Heavy Nickel. Other Types.

No. 8—Drop-forged IOWA Plier Assortment of 2 Radio, 2 Thin Nose, 2 Regular 6 1/2" bright nickel plated; also 2 Polly Nose, 2 Universal and 2 Regular 8" Pliers, Cadmium-plated. Also UTAH Assortment (same), but better finished. Also Wrench Assortments.

No. 9—Box Wrenches—Manufactured from a drop forged Vanadium alloy steel. Supplied in 8 sizes, from 3/4" x 7/16" to 1 1/4" x 1 7/16". Furnished in various finishes. Can be purchased individually or in sets.

No. 10—Individual Streamlined Double Grip Wrenches with Special 4 Side Jaw. 7 sizes. Finish Steel Grey with Bright Ends. Free displays with shipments.

Send for complete new 1940 catalog and prices.



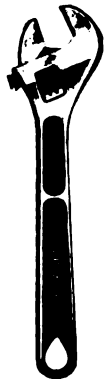
**BARCALO MFG. CO.**  
Louisiana & Nelson Sts.  
BUFFALO, N. Y.



No. 1



No. 3



No. 5



No. 7



No. 10



No. 2



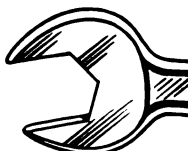
No. 4



No. 6



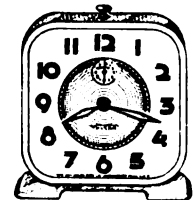
No. 9



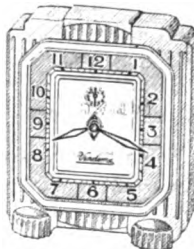
# 7 REASONS WHY YOU MAKE MONEY with LUX ALARM CLOCKS



NO. 704 CHILTON  
RETAILS—\$1.60



NO. 236—VULCAN  
RETAILS—\$1.25



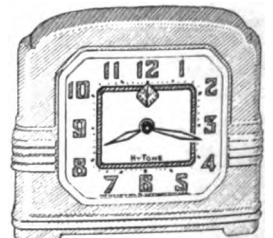
NO. 761—VENDOME  
RETAILS—\$1.75



NO. 771—CHATHAM  
RETAILS—\$1.95



NO. 810—STRAND  
RETAILS—\$2.00



NO. 763—HYTONE  
RETAILS—\$2.00

Lux Alarm Clocks are made in a new and modern clock factory—the customer gets 100% satisfaction and service.



Lux Alarm Clocks are made with the same care and precision as the most accurate timing devices and clock specialties.



Because of excellent quality and workmanship, returns are at a minimum.



The distribution of Lux Clocks is restricted. Lux Clocks are not used as loss-leaders. Retail prices are established and maintained.



Lux Clocks are protected with a Baked Synthetic Enamel finish to prevent chipping or scratching. Lux Clocks are always saleable.



The Lux line offers a wide variety of up-to-the-minute styles to meet every pocketbook.



Lux Clocks enable the dealer to make a liberal profit on every sale.



## ASSORTMENTS

Lux Clocks can be obtained in assortments of 12 or more clocks. Packed with counter merchandising display stands. You get quality and variety for a small investment. The turnover is rapid and the profit is liberal.

*Illustrated are only a few of the clocks in the Lux line. Write for complete catalogue*

Prices slightly higher on west coast.

Order from your wholesaler or write

# LUX

LUX CLOCK MFG. CO., Inc.  
Waterbury, Conn.

SALES DIVISION  
DE LUXE CLOCK & MFG. CO., Inc.  
1107 Broadway  
New York, N. Y.  
San Francisco office  
833 Market Street

**TUBULAR LOCKS AND LATCHES**—See Locks and Latches, Tubular  
**TUBULAR RIVETS**—See Rivets, Tubular  
**TUBULAR STEEL FURNITURE**—See Furniture, Steel, Flat & Tubular  
**TUBULAR WAGON AXLES**—See Axles, Carriage and Wagon  
**TUMBLER HOLDERS**—See Holders, Tumbler

### TUMBLERS, Glass

American Enameled Products Co., Waukesha, Wis. "Sno-White"  
 Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Bartlett Collins Co., Sapulpa, Okla.  
 Bonita Glass Co., Huntington, W. Va.  
 Brilliant Glass Products, Inc., Weston, W. Va. "Westite"  
 Bryce Bros. Co., Mt. Pleasant, Pa. (Lead Blown)  
 Cambridge Glass Co., Cambridge, O.  
 Canton Glass Co., Marion, Ind.  
 Capetan Glass Co., Connelville, Pa.  
 Central Glass Wks., Wheeling, W. Va.  
 Corning Glass Works, Corning, N. Y. "Corning"  
 Crescent Glass Co., Wellsburg, W. Va.  
 Dunbar Glass Corp., Dunbar, W. Va.  
 Federal Glass Co., Columbus, O.  
 Fostoria Glass Co., Moundsville, W. Va.  
 Hazel Atlas Glass Co., Wheeling, W. Va.  
 Halsey (A. H.) & Co., Newark, O.  
 Imperial Glass Co., Bellaire, O.  
 Jeannette Glass Co., Jeannette, Pa. (Colored)  
 Libbey Glass Co., Ash, & W. E. & L. R. R., Toledo, O.  
 Macbeth-Evans Glass Co., Div. Corning Glass Wks., Charleroi, Pa. "Chip-Proof," "Hobnail," "Roly-Poly"  
 McKee Glass Co., Jeannette, Pa. "Bottoms-Up," "Glasbake"  
 United States Glass Co., Pittsburgh, Pa. "Tiffin"

### TUMBLERS, Jelly

Ball Bros. Co., Muncie, Ind.  
 Capetan Glass Co., Connelville, Pa.  
 Hazel Atlas Glass Co., Wheeling, W. Va.  
 Kerr Glass Mfg. Corp., Sand Springs, Okla.  
 Salem Glass Co., Salem, N. J.  
 U. S. Glass Co., Pittsburgh, Pa.

**TUNG OIL PAINTS**—See Paints, Tung Oil

**TUNG OILS**—See Oils, Tung

**TURKEY CALLS**—See Calls, Turkey

**TURKEY AND CHICKEN SINEW EXTRACTORS**—See Extractors, Sinew, Chicken & Turkey

**TURKEY AND CHICKEN STICKING KNIVES**—See Knives, Sticking

### TURNBUCKLES

American Cable Div. American Chain & Cable Co., Inc., Wilkes-Barre, Pa.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Brownie Mfg. Co., Inc., Ft. Wayne, Ind.  
 Chicago Hardware & Fixture Co., Chicago, Ill.  
 Cleveland City Forge Co., Cleveland, O.  
 Daniel (Edward W.) Co., 4062 St. Clair Ave., Cleveland, O. "Wizard" (Drop-Forged & Malleable)  
 Harper (H. M.) Co., Chicago, Ill.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn. N. Y.  
 Judd (H. L.) Co., Wallingford, Conn.  
 Larson (Chas. O.) Co., Av. G. & C. & N. W. R. R., Sterling, Ill.  
 Laughlin (Thos.) Co., 199 Fore, Portland, Me. (Drop Forged)  
 Maine Steel, Inc., South Portland, Me. "Hex-M"  
 Merrill Bros., Maspeth, N. Y.  
 National Mfg. Co., Sterling, Ill. (Screen Door)  
 Parker Wire Goods Co., Worcester, Mass.  
 Phila Hdwe. & Malleable Iron Wks., Inc., 7500 State Rd., Phila., Pa.  
 Republic Steel Corp., Upson Nut Div., Cleveland, O.  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Upson-Walton Co., 1280 W. 11th, Cleveland, O.  
 Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.

**TURNBUCKLES, Shutter**—See Hooks, Shutter

### TURNERS, Cake

A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.  
 Acme Metal Goods Mfg. Co., 2 Orange, Newark, N. J.  
 Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Aluminum Specialty Co., Manitowoc, Wis.  
 Carpenter (E. W.) Mfg. Co., Bridgeport, Conn.  
 Carrollton Metal Products Co., Carrollton, O. "Carlton" (Stainless Steel)  
 Chief Products Co., 701 E. 59th, Los Angeles, Cal. "Chief"  
 Coughlan (G. N.) Co., 242 Alden, Orange, N. J. "Easy-Aid"  
 Fernald Mfg. Co., North East, Pa.  
 Geuder, Paenschke & Frey Co., Milwaukee, Wis.  
 Hamblin & Russell Mfg. Co., Worcester, Mass. "Crown"  
 Hills, Edwin, Plainville, Conn.  
 Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill.  
 Lalance & Grosjean Corp., Woodhaven, L. I., N. Y.  
 Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor," "Lamson"

Landers, Frary & Clark, New Britain, Conn.  
 National Sheet Metal Co., Peru, Ill.  
 Osborne (C. S.) & Co., Harrison, N. J.  
 Plymouth Stamped Metal Co., Galton, O.  
 P. M. C. Mfg. Corp., Phenicia, N. Y.  
 Racine Iron & Wire Wks., Racine, Wis.  
 Savory, Inc., 591 Ferry, Newark, N. J.  
 Standard Aluminum Co., Two Rivers, Wis.  
 Taplin Mfg. Co., New Britain, Conn.  
 Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "No Chip"  
 Voos Co., Inc., New Haven, Conn.  
 Wallace Bros., Wallingford, Conn.  
 Washburn Company, Worcester, Mass. "Sno-Cap"  
 West Bend Aluminum Co., West Bend, Wis.

**TURNERS, Pancake**—See Turners, Cake  
**TURNING SAWS**—See Saws, Turning  
**TURNING SAW FRAMES**—See Frames, Turning Saw

**TURNING TOOLS**—See Tools, Wood Turning

### TURNINGS, Wood

Allen-Rogers Corp., Laconia, N. H.  
 Bogert & Hopper, Inc., 200 Varick, New York, N. Y.  
 Carrom Co., Ludington, Mich.  
 Clement Toy Co., North Weare, N. H.  
 Cooke-Roberts Corp., Orange, Mass.  
 Estes (E. B.) & Son, Inc., 155 E. 44th, New York, N. Y.  
 Jackson & Tindie, Inc., Buffalo, N. Y.  
 Lignum-Vitae Products Corp., 116 Boyd Av., Jersey City, N. J.  
 Mooney (G. F.) & Son, Inc., Farmington, N. H.  
 Piqua Munising Wood Products Co., Cleveland, O.  
 Rousseau Wood Turning Co., 244 Walton, Fitchburg, Mass.  
 Rowe (Henry) Mfg. Co., Newaygo, Mich.  
 Sparta Spoke Factory, Inc., Sparta, Tenn.  
 Stossel (Carl) & Sons Co., Front Royal, Va.  
 Strock (L. W.) & Co., Bethlehem, Pa.  
 Union Hdw. Co., Torrington, Conn.  
**URNS, Cupboard**—See Catches, Cupboard, Door, Screen Door, Etc.  
**TURNABLES, Display**—See Fixtures, Display, Hardware

### TURPENTINE

American Turpentine & Tar Co., Ltd., New Orleans, La.  
 American Turpentine Farmers Association Cooperative, Valdosta, Ga. "AT-FA"  
 Baker (J. T.) Chemical Co., North Phillipsburg, N. J.  
 Brannon Turpentine Co., Foley, Ala.  
 Day (Britton T. & S. P.) Co., Cleveland, O.  
 De Mott & Dougherty, Inc., 3001 W. 47th, Chicago, Ill.  
 Hercules Powder Co., Inc., Wilmington, Del.  
 Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Radiant"  
 Miller (T. R.) Mill Co., Inc., Brewton, Ala.  
 Newport Industries, Inc., 230 Park Av., New York, N. Y. "Newport"  
 Peninsular-Lurton Co., Pensacola, Fla. "Peninsular"  
 Read (Chas. L.) Co., 120 Greenwich, New York, N. Y.  
 Southern Pine Chemical Co., Jacksonville, Fla.  
 Taylor, Lowenstein & Co., 56 N. Commerce, Mobile, Ala. "Taloco"

### TWEEZERS

Clauss Shear Co., Fremont, O.  
 Hackensack Specialty Mfg. Co., 200 Atlantic, Hackensack, N. J. "Orinary"  
 Henkel Co., Fremont, O.  
 Schaeff & Good Co., Jackson, Fremont, O.  
 Schnefel Bros., 684 S. 17th, Newark, N. J. "La Cross"  
**TWINE**—See also Cordage

### TWINE, In Assortments

Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Hooven & Allison Co., Xenia, O. "Hoovall"

### TWINE, Binder

(See also Twine, Wrapping)

American Mfg. Co., Noble & West, B'klyn, N. Y. "American"  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian"  
 Fittler (Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa. "Fittler Standard"  
 Hooven & Allison Co., Xenia, O. "Star Brand"  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "International"  
 January & Wood Co., Maysville, Ky. "Hometies," "Maysville"  
 Kelly (R. A.) Co., Xenia, O. "Rakco"  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Plymouth Cordage Co., North Plymouth, Mass. "Plymouth"  
 Portland Cordage Co., Portland, Ore.  
 Rinek Cordage Co., Easton, Pa.  
**TWINE, Bunching**—See Twine, Jute  
**TWINE, Cotton**—See Twine, Wrapping, Etc.  
**TWINE CUTTERS**—See Cutters, Rope, Cord and Twine  
**TWINE, Flax**—See Twine, Wrapping, Etc.  
**TWINE, Hemp**—See Twine, Wrapping, Etc.  
**TWINE HOLDERS**—See Holders, Twine

### TWINE, India

American Mfg. Co., West & Noble Sts., B'klyn, N. Y. "American"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 "Columbian BB," "Eureka Light India"  
 Hooven & Allison Co., Xenia, O. "Tenex"

### TWINE, Jute

(See also Twine, Binder)

American Mfg. Co., West & Noble, B'klyn, N. Y. "American"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian," "Eureka"  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 Hooven & Allison Co., Xenia, O. "Extra," "Tenex"  
 Linen Thread Co., Inc., 60 E. 42nd, New York, N. Y.  
 Winne (Frank W.) & Son, Inc., 44 N. Front, Phila., Pa.

### TWINE, Parcel Post

American Mfg. Co., West & Noble, B'klyn, N. Y. "American"  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Yucatan"  
 Hooven & Allison Co., Xenia, O. "Hoovall"  
 Kelly (R. A.) Co., Xenia, O. "Rakco"

### TWINE, Sewing

American Mfg. Co., West & Noble, B'klyn, N. Y. "American"  
 Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "American Beauty," "Ivory"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian," "Eureka"  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 Hooven & Allison Co., Xenia, O. "Extra," "Tenex"

### TWINE, Vegetable

American Mfg. Co., West & Noble, B'klyn, N. Y. "American"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian," "Eureka"  
 Hooven & Allison Co., Xenia, O. "Extra," "Tenex"

### TWINE, Wrapping, Etc.

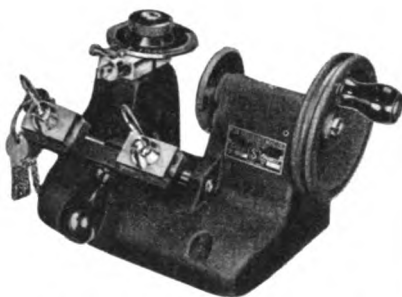
(See also Twine, Binder)

American Mfg. Co., Noble & West, B'klyn, N. Y. "American"  
 American Mill Co., Atlanta, Ga. "White Owl"  
 Anniston Cordage Co., Anniston, Ala.  
 Archer (A. W.) Co., Inc., 102 Worth, New York, N. Y. "Gotham," "Hi-Land," "Oakdale"  
 Atco Co., Atlanta, Ga. "Daisy"  
 Bibb Mfg. Co., Macon, Ga.  
 Boaz Mill & Gin Co., Boaz, Ala.  
 California Cotton Mills Co., Oakland, Cal. "BB," "BC"  
 Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
 Cleveland Mill & Power Co., Lawndale, N. C.  
 Columbian Rope Co., 352 Genesee, Auburn, N. Y. "Columbian," "Eureka"  
 De Roo's (P.) Sons, Cincinnati, O. "Utility"  
 Eagle Cotton Mills Co., Madison, Ind.  
 Fricke (J. E.) Co., 40 N. Front, Phila., Pa.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga. "Eagle Sail"  
 Hanover Cordage Co., Hanover, Pa.  
 Hooper (Wm. E.) & Sons Co., Phila., Pa. "Hooper-wood"  
 Hooven & Allison Co., Xenia, O. "Perfer," "Tenex"  
 January & Wood Co., Maysville, Ky. "Hometies," "Maysville"  
 Kelly (R. A.) Co., Xenia, O. "Rakco"  
 Kentucky River Mills, Frankfort, Ky.  
 Linen Thread Co., Inc., 60 E. 42nd, New York, N. Y. "Barbour"  
 Linn Mills Co., Landis, N. C.  
 Mallison Braided Cord Co., Athens, Ga.  
 Montgomery Cordage Co., Montgomery, Ala.  
 Orange Cotton Mills, Orangeburg, S. C.  
 Peoria Cordage Co., Peoria, Ill. "Peerless"  
 Rinek Cordage Co., Easton, Pa.  
 Rockford Mfg. Co., Rockford, Tenn.  
 St. Louis Cordage Mills, St. Louis, Mo.  
 Samson Cordage Wks., 89 Broad, Boston, Mass. "Nashoba," "Phoenix"  
 Schlitter Jute Cordage Co., Phila., Pa.  
 Tennessee Line & Twine Co., Elizabethton, Tenn. (Seine Twine)  
 Townsend (H. C.) Cotton Mills, Anderson, S. C.  
 Trio Mfg. Co., Forsyth, Ga.  
 Undine Twine Mills, Inc., Moodus, Conn.  
 Wall Rope Wks., Inc., 48 South, New York, N. Y. "Wall"  
 Whitlock Cordage Co., 46 South, New York, N. Y.  
 Winne (Frank W.) & Son, Inc., 44 N. Front, Phila., Pa. "Clover," "Universal"  
 Wortendyke Mfg. Co., Richmond, Va.  
 Yacona Mills, Water Valley, Miss.  
**TWIST BELTING**—See Belting, Round or Twist  
**TWIST DRILL GAGES**—See Gages, Drill  
**TWIST DRILLS**—See Drills, Twist  
**TWIST DRILL STANDS**—See Stands, Drill, Twist  
**TWISTERS**—See Handcuffs, Twisters, Leg Irons, Etc.



## Make Keys Make Money

with our Detroit Key Machine . . . an improved method of key cutting . . . all types of paracentric keys easily made by code number or duplication. Write today for full particulars concerning this low-priced machine and for catalog and prices of Stewart improved key-cutting tools and equipment.



New Improved Detroit Key Machine

**F. W. STEWART MFG. CORP.**  
344 W. HURON ST. EST. 1913 CHICAGO, U. S. A.



### Many Hardware Wholesalers Feature "CLAW-HAND" Rubber Gloves PROTECTION PLUS COMFORT

The new "finger-formed" rubber dipped canton flannel gloves give you greater comfort and flexibility along with longer service and protection. Knit-wrist, slip-on, band-top and gauntlet styles available.

"Claw Hand" rubber gloves are only one of seven divisions of the Wells Lamont line of glove merchandise, the others are:

- "Brotherhood" Full Leather Gloves
- "Federation" Leather Palm Gloves
- "Ritzee" Fabricated Dress Gloves
- "Ritzee" Capeskin Dress Gloves
- Jersey Gloves
- Canton Flannel Gloves

Manufactured in seven complete factory units, each specializing in one type of glove merchandise.

Wholesalers—Send for your copy of our 40 page illustrated catalog today.  
**BUY WELLS LAMONT GLOVES**  
The ONLY Glove Line Complete for Work and Dress Selling From 10¢ to \$1.00.

*Wells Lamont Smith Corp.*

1791 HOWARD STREET, CHICAGO, ILL.

## ARCH-HORNE CO.

25 West Broadway New York, N. Y.

MANUFACTURERS—DISTRIBUTORS—  
GENERAL AGENTS—

Playground Equipment Co.  
Gymnasium Equipment Co.  
Swimming Pool Equipment Co.  
Jungle Gym Sales Co.

Playground Frame Fittings, Swings, Slides, Sand Boxes, Horizontal Bars, Swing-Rings, Trapeze Bars, Home Playgrounds, Basket Ball Goals, Back Boards, Charcoal Grills for outdoor cooking, Bleacher Seats and Fittings, Diving Boards, Diving Stands, Pool Slides—All Pool Equipment, "Jungle Gym" Climbing Frames, Chest Weights, Rowing Machines.

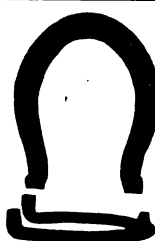
1905— Specialists In This Field For Thirty-Five Years —1940



### THE "MERRILL"

LINE IS  
your guarantee of  
Service and Quality  
for Bright Wire  
Goods, Eyebolts,  
"S" Hooks and  
Wire Specialties.

Merrill Mfg. Corp. — Merrill, Wisc.



### Oshkosh All-Finished Steel Horseshoes

A hard steel product made in one piece—with turned heels—can be worked hot or cold and welded like any other steel shoes. Light in weight—a real time saver.

### GIANT GRIP UNBREAKABLE HAMMER FORGED PITCHING SHOES

Complete line. It conforms to all official regulations to size, weight, and balance. Also rubber pitching shoes—in pairs or sets, shoes packed in wooden hinged boxes and accessories.

Size from No. 2 to No. 7—front and hind with or without turned toe clips.



### STAPLE PULLERS

Drop-forged from tool steel in one piece, 11 inches long, weight 16 ounces—a handy tool for farms, homes or commercial uses.

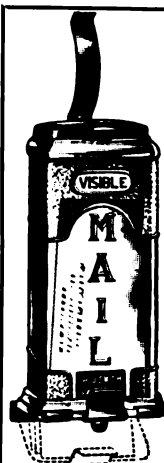
All Giant Grip products are sold through jobbers only.

**GIANT GRIP MFG. CO., Oshkosh, Wis.**

Established in 1863



Champion Type Pitching Shoe



### "VISIBLE MAIL" GLASS MAIL BOX "STANDARD" Glass drawer knobs

Each mail box is a silent salesman. The more "VISIBLE" glass mail boxes sold, the faster your sales increase.

- CONTENTS ARE VISIBLE
- SAVES TIME AND STEPS
- SAVES PERSONAL EXPOSURE
- HARMONIZING HARDWARE
- LARGE CAPACITY 12x5x3 in.
- DISTINCTIVE ON ANY HOME



**GEORGE F. COLLINS & CO.**  
SAPULPA, OKLAHOMA

## SIL SEAT

What you have been waiting for. Seat for Washing, Repairing & Painting Windows outside. Can stand on it. Comes in two sizes 14 x 18 ins. for home use, 14 x 24 ins. for painting and repairing. Made of 5 ply plywood, cadmium plated riveted thruout, nothing to wear out. Tested to 1260 pounds, lasts a life time. Folding back, adjustable bar, with thumb screw, safety channel. Use also on row boats—just clamp on and have a back rest. Small size: \$14.25 per doz. Large size: \$15.25 per doz. F.O.B. Factory.



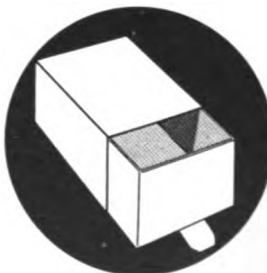
(Pat. Pending)

**THE SIL SEAT MANUFACTURING CO., INC.**  
1833 East 75th St. Cleveland, Ohio

### A NEW TYPE OF BOX YOU WILL WANT

MADE OF TOUGH KRAFT BOARD.

- Easy to set up and fill.
- No taping required.
- Pulling tab can also be used to indicate broken lot.
- And most important—Merchandise and labeling can not be separated!



Ask for sample of "B & P A-I".

State your problem, sizes and quantities.  
Our suggestions will follow.

**BROOKS & PORTER, Inc., 304 Hudson Str., New York, N. Y.**

**TWISTERS, Sleeve**

Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

**TWISTERS, Wire Tie**

M. & M. Wire Clamp Co., 983 17th Av., S. E. Minneapolis, Minn.  
St. Louis Steel Products Co., 1509 N. B'way, St. Louis, Mo. "Ty-Tite"

**TWO MAN CROSSCUT SAWS—See Saws, Crosscut****TWO STATION TELEPHONES—See Telephones, Two Station****TYPEWRITER BRUSHES—See Brushes, Typewriter****TYPEWRITERS, Toy and Juvenile**

American Flyer Div. of A. C. Gilbert Co., New Haven, Conn. "American Flyer"  
Smith (L. C.) & Corona Typewriters, Inc., Syracuse, N. Y. "Corona"

**"U" BOLTS—See Bolts, "U"****UMBRELLAS, Beach, Lawn, Wagon, Etc.**

Follmer, Clogg & Co., Lancaster, Pa.  
Gold Medal Folding Furniture Co., Racine, Wis. "Racine"  
Cone (John C.) Co., Woodbridge & Bates, Detroit, Mich.  
Hetrick Mfg. Co., 1401 Summit, Toledo, O.  
Troy Sunshade Co., Troy, O.

**UMBRELLAS, Lawn—See Umbrellas, Beach, Lawn, Etc.****UMBRELLAS, Wagon—See Umbrellas, Beach, Lawn, Wagon, Etc.****UMPIRES' BODY PROTECTORS—See Protectors, Body****UMPIRES' INDICATORS—See Indicators, Umpires****UMPIRES' LEG GUARDS—See Guards, Leg, Catchers' and Umpires'****UMPIRES' WHISTLES—See Whistles, Referee's and Umpires'****UNDERCOUNTER DUMBWAITERS—See Dumbwaiters, Undercounter****UNDERGROUND GARBAGE RECEIVERS—See Receivers, Garbage****UNDERGROUND HOSE LOCKERS—See Lockers, Hose, Underground****UNDERGROUND OIL STORAGE TANKS—See Tanks, Oil Storage****UNIFORMS, Baseball**

Dieterman & Jones, Jonesville, Mich. "Paul A. Jones"  
Federal Sporting Goods Co., 60 Lispenard, New York, N. Y.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Harmol Mfg. Co., 101 Crosby, New York, N. Y. "Official"  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Post Mfg. Co., 150 Lafayette, New York, N. Y.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spaulding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**UNIFORMS, Basketball**

Dieterman & Jones, Jonesville, Mich. "Paul A. Jones"  
General Athletic Products Co., Greenville, O.  
Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, O.  
Harmol Mfg. Co., 101 Crosby, New York, N. Y. "Official"  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Spaulding (A. G.) & Bros., Chicopee, Mass.  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**UNIFORMS, Football**

Dieterman & Jones, Jonesville, Mich. "Paul A. Jones"  
Federal Sporting Goods Co., 60 Lispenard, New York, N. Y.  
General Athletic Products Co., Greenville, O.  
Goldsmith (P.) Sons Co., Cincinnati, O.  
Ken-Wel Sporting Goods Co., Utica, N. Y.  
Rawlings Mfg. Co., St. Louis, Mo.  
Reaier Fellers, Cincinnati, O.  
Spaulding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Wilson Sporting Goods Co., 2037 N. Campbell Av., Chicago, Ill.

**UNION TEES—See Tees, Union****UNIONS, Pipe—See Fittings, Pipe****UNIT LOCKS—See Locks, Unit****UNITS, HEATER—See Elements, Electric Heating****UNITS, Heating, Fireplace**

Hennett Fireplace Corp., Norwich, N. Y. "Bennett"  
Majestic Co., Huntington, Ind.

**UNITS, Kitchen Waste Disposal, Electric**

General Electric Co., Nela Park, Cleveland, O. "GE"

**UNITS, For Oil Burning Circulators**

Twentieth Century Engineering Co., Mankato, Minn. "Air-U-Lator"

**UNITS, Oil Burning, for Room Heater, Range, Stove, Etc.**

Alasco Burner Co., Winchendon, Mass.  
American Burner Mfg. Co., Hartford, Conn.  
American Stove Co., Lorain Div., 1200 Long Av., Lorain, O. "Quick Meal"  
Ameroil Burner Co., Hartford, Conn.  
Associated Oil Burner Co., Inc., Hartford, Conn.  
Automatic Burner Corp., 1823 Carroll Av., Chicago, Ill. "A B C"  
Bland Range Oil Burner Co., Hartford, Conn.  
Bunsen Oil Burner Corp., Hartford, Conn.  
Carlton Oil Burner Co., Hartford, Conn. "Lincoln"  
Champion Products Co., Worcester, Mass.  
Collins Oil Co., Hartford, Conn.  
Connecticut Foundry Co., Rocky Hill, Conn.  
Diamond Oil Burner Mfg. Co., Providence, R. I.  
Evans Products Co., Evanoli Div., Greenfield and Fullerton, Detroit, Mich. "Evanoli"  
Florence Stove Co., Gardner, Mass. "Florence"  
Gilbert & Barker Mfg. Co., Springfield, Mass.  
Goodrich Oil Burner Mfg. Corp., New Haven, Conn.  
Grandahl Tool & Machine Co., Hartford, Conn.  
Gray & Dudley Co., Nashville, Tenn. "Washington"  
Home Mfg. Co., Chicago, Ill. "Therm-O-Gas"  
Howes (S. M.) Co., Boston, Mass.  
Ingle Mfg. Co., San Diego, Cal.  
International Oil Burner Co., Inc., Spring & Park Aves., St. Louis, Mo.  
Kleen Heat, Inc., 1823 Carroll Av., Chicago, Ill. "Kleen Heat"  
Laco Oil Burner Co., Griswold, Ia.  
Little (H. C.) Burner Co., San Rafael, Cal.  
Lynn Products Co., Lynn, Mass.  
Lynn Screw Co., Lynn, Mass.  
Morin Range Oil Burner Co., Westfield, Mass.  
New England Oil Burner Co., Barre, Vt.  
North American Heating Corp., Nashua, N. H.  
Oil King Burner Co., New Haven, Conn.  
Penn Oil Burner Co., Clinton, Mass.  
Perfect Burner Co., Lynn, Mass.  
Petroleum Engr. Corp., Springfield, Mass.  
Progressive Machinery Co., Minneapolis, Minn.  
Pulsan Oil Burner Co., Randolph, Mass.  
Quaker Mfg. Co., 221 W. Erie, Chicago, Ill.  
Quality Mfg. Co., Watertown, Mass.  
Queen Stove Works, Inc., Albert Lea, Minn. "Queen"  
Rhode Island Welding Co., Providence, R. I. "Ray-Did-Sunshine"  
Silent Glow Oil Burner Corp., Hartford, Conn.  
Silent Sioux Oil Burner Corp., Orange City, Ia.  
Skinner (E. E.) Co., Fitchburg, Mass.  
Standard Products Co., Clinton, Mass.  
Super Oil Heater Sales Co., Hartford, Conn. "Super Jr."  
Tower Mfg. Corp., Boston, Mass.  
Townsend Burner Div. Alaska Freezer Co., Inc., Winchendon, Mass.

UNITS, Range Heater  
Electric Range Heater Co., 420 Lexington Av., New York, N. Y. "Strate-Coil"  
Electromaster, Inc., 1803 E. Atwater, Detroit, Mich.  
General Electric Co., Bridgeport, Conn.  
Standard Electric Mfg. Corp., 1716 N. 12th, Toledo, O. "Kalmex"  
Tuttle (H. W.) & Co., 262 Maumee Av., Adrian, Mich. "Nykelkrom"  
Westinghouse Electric & Mfg. Co., Mansfield, O.  
Wiekand (Edwin L.) Co., 7515 Thomas Blvd., Pittsburgh, Pa. "Chromalox"

UNITS, Refrigerator, Electrical  
Baker Ice Machine Co., Inc., Omaha, Neb.  
Brunner Mfg. Co., Utica, N. Y.  
Copeland Refrigeration Corp., Sidney, O. "Copeland"  
Creamery Package Mfg. Co., Chicago, Ill.  
Deisler Machine Co., Greenville, Pa.  
Frigidaire Div. General Motors Sales Corp., Dayton, O. "Frigidaire"  
Universal Cooler Corp., Detroit, Mich.  
Westinghouse Electric & Mfg. Co., Mansfield, O.  
Williams Oil-O-Matic Heating Corp., Bloomington, Ill. "Ice-O-Matic"

UNITS, Rod and Grid—See Elements, Electric Heating

**UNITS, Washing, Hand, Sanitary**

Lyon Metal Products, Inc., 136 Madison Av., Aurora, Ill. "Showerway"

UNITS, Washing Machine

Birdsell Corp., 406 S. Columbia, South Bend, Ind. "Water Flex"

**UNIVERSAL CHAIN—See Chain, Universal****UNLOADING TOOLS, HAY—See Tools, Hay Unloading****UNPAINTED NOVELTY FURNITURE—See Furniture, Novelty, Unpainted****UPHOLSTERERS' HAMMERS—See Hammers, Upholsterers', Forged Steel****UPHOLSTERERS' NAILS—See Nails, Upholsterers'****UPHOLSTERERS' TACKS—See Tacks, Upholsterers'****UPHOLSTERING SPRINGS—See Springs, Upholstering****UPHOLSTERY CLEANERS—See Cleaners, Upholstery****UPHOLSTERY NEEDLES—See Needles, Upholstery and Mattress****UPSET SWAGES—See Swages, Upset****URNS, Coffee, Etc.**

Aldrich Mfg. Co., Buffalo, N. Y.  
American Metal Ware Co., 368 W. Huron, Chicago, Ill.  
Landers, Frary & Clark, New Britain, Conn. "Universal" (Electric)  
Manning, Bowman & Co., Meriden, Conn. (Electric)  
National Stamping & Electric Wks., Chicago, Ill. "White Cross" (Electric)  
Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.  
Rutenber Electric Co., Marion, Ind. "Marion" (Electric)  
West Bend Aluminum Co., West Bend, Wis. "De Luxe Drip"  
Westinghouse Electric & Mfg. Co., Mansfield, O. "Berkley," "China," "Eaton," "Grecian," "Warrington" (Electric)

**URNS, Cremation**

General Bronze Corp., Hancock & Blvd., Long Island City, N. Y.  
Parker (Charles) Co., Meriden, Conn.  
Tuck (A. J.) Co., Brookfield, Conn.

**URNS, Lawn—See Vases, Lawn****UTENSILS—See article desired****UTENSILS, Cooking, Camp**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Aluminum Products Co., La Grange, Ill. "Lifetime"  
Moore Enameling & Mfg. Co., W. Lafayette, O. "Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
Outdoor Supply Co., Inc., 164 Madison Av., New York, N. Y. "Osco"

**UTENSILS, Cooking, Stainless Steel**

Carrollton Metal Products Co., Carrollton, O. "Carlton"  
Rome Mfg. Co. Div., Revere Copper & Brass, Inc., Rome, N. Y.  
Stainless Steel, Inc., Kewaskum, Wis. "Purity"  
Stainless Steel Products Co., La Grange, Ill. "Lifetime"  
Steelsmiths, Inc., Meriden, Conn. "Servet"

**UTENSILS, Cooking, Toy**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Dowst Mfg. Co., Chicago, Ill.  
Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.  
Ohio Art Co., Bryan, O.  
Republic Samping & Enameling Co., Canton, O.  
Wagner Mfg. Co., Sidney, O.  
Wolverine Supply & Mfg. Co., Pittsburgh, Pa.

**UTILITY CABINETS—See Cabinets, Utility****"V" BELT PULLEYS—See Pulleys, "V" Belt****VACUUM BOTTLE LUNCH KITS—See Kits, Lunch, Vacuum Bottle****VACUUM BOTTLES—See Bottles, Vacuum****VACUUM CLEANER BAGS—See Bags, Vacuum Cleaner****VACUUM CLEANER BELTS—See Belts, Cleaner, Vacuum****VACUUM CLEANER REPLACEMENT PARTS—See Cleaners, Vacuum, Replacement Parts****VACUUM CLEANERS—See Cleaners, Vacuum****VACUUM GAP ARRESTERS—See Arresters, Lightning, Radio****VACUUM ICE BOWLS—See Bowls, Ice, Vacuum****VACUUM ICE CUBE COOLERS—See Coolers, Ice Cube, Vacuum****VACUUM JUGS—See Jugs, Vacuum****VACUUM JUG SETS—See Jugs, Vacuum****VACUUM SPECIALTIES—See Specialties, Vacuum****VACUUM TUBES, Radio—See Radio Vacuum Tubes****VACUUM WASHERS—See Washers, Vacuum, Hand Suction****VACUUM WATER SETS—See Sets, Water, Vacuum**





**ALANCES, Show Window**

leveland Decorative Works, Inc., 2570 Superior Av., Cleveland, O.  
 ulsizer, Inc., Des Moines, Ia.  
 alz, H. A., 65 Fifth Av., New York, N. Y. "Wind-downphonic"  
 aury & Co., 1824 Washington Av., St. Louis, Mo.

**ALLEY, Roofing**

erger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
 raden Mfg. Co., Terre Haute, Ind.  
 lobe Iron Roofing & Corrugating Co., Inc., Newport, Ky.  
 a Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.  
 eadlad Wire Co., Moundsville, W. Va. "Lead-clad"  
 ilcor Steel Co., Milwaukee, Wis.  
 orthwest Metal Products, Inc., Seattle, Wash. "Norwesco"  
 arkensburg Iron & Steel Co., Parkersburg, W. Va.  
 ardy, W. A., Manchester, Vt.  
 eves Steel & Mfg. Co., Dover, O.  
 Paul Corrugating Co., St. Paul, Minn.  
 uthner (E. E.) Iron Co., St. Louis, Mo.

**ALVE GRINDING COMPOUNDS—See Compounds, Grinding and Lapping**

**ALVE LIFTERS—See Lifters, Valve, Automobile**

**ALVE SEAT GRINDING TOOLS—See Tools, Valve Seat Grinding**

**ALVE SPRING WIRE—See Wire, Steel, Spring**

**ALVES, Air**

llen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 eaton & Cadwell Mfg. Co., New Britain, Conn.  
 "Cadwell"  
 eaton & Corbin Mfg. Co., Southington, Conn.  
 "B & C"  
 eifield (H.) Co., Phila., Pa.  
 eiknap Mfg. Co., Bridgeport, Conn.  
 etroit Lubricator Co., 5938 Trumbull Av., Detroit, Mich.  
 ole Valve Co., 1901 Carroll Av., Chicago, Ill.  
 onnelly Mfg. Co., Malden, Mass. "Donnelly"  
 unham (C. A.) Co., 450 E. Ohio, Chicago, Ill.  
 urst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 "Champion," "Little Wonder," "Nyavco"  
 iber Brass, Inc., Marysville, O.  
 orton Heating Corp., Cranford, N. J.  
 orton Specialty Co., Waterbury, Conn.  
 ernational Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Airex," "Supervalue"  
 eystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 arsh (James P.) Co., 2073 Southport Av., Chicago, Ill. "Airliner," "Duraval," "Marsh Marvel"  
 Milwaukee Valve Co., Milwaukee, Wis. "Milvaco"  
 ew York Air Valve Corp., 611 Bway, New York, N. Y. "Knickerbocker," "Manhattan," "New York," "NYAVCO"  
 isselt Mfg. Co., 123 E. 6th, Cincinnati, O. "Ever-seal"  
 ussell (W. A.) & Co., Crescent Av. & Main, Bridgeport, Conn. "Warco"  
 covill Mfg. Co., Plumbers' Brass Gds. Div., Waterville, Conn.  
 ater Mfg. Co., 24 Water, Wakefield, Mass. "Slaters"  
 eele & Johnson Mfg. Co., Waterbury, Conn.

**ALVES, Automobile Tire—See Valves, Tire**

**ALVES, Brass—See Valves, Check, Stop, Etc.**

**VALVES, Check, Stop, Etc.**

lbaney Steam Trap Co., Albany, N. Y.  
 American Valve Co., Coxsackie, N. Y.  
 ashlin Co., Warren, Pa.  
 eifield (H.) Co., Phila., Pa.  
 eiknap Mfg. Co., Bridgeport, Conn.  
 orton Copper & Brass Wks., Cincinnati, O.  
 orton Iron & Brass Wks., Dayton, O.  
 ash (A. W.) Co., Decatur, Ill.  
 entral Brass Mfg. Co., 2950 E. 55th, Cleveland, O.  
 hapman Valve Mfg. Co., Indian Orchard, Mass.  
 eleveland Brass Mfg. Co., 4606 Hamilton Ave., Cleveland, O. "Barrett"  
 roperty Steam Gauge & Valve Co., 30 Church, New York, N. Y.  
 arling Valve Mfg. Co., Williamsport, Pa.  
 etroit Brass & Malleable Wks., Detroit, Mich.  
 etroit Lubricator Co., Detroit, Mich.  
 urst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 eddy Valve Co., Watford, N. Y.  
 airbanks Co., 393 Lafayette, New York, N. Y.  
 Fisher Brass, Inc., Marysville, O.  
 Fisher Governor Co., Marshalltown, Ia.  
 Golden-Anderson Valve Specialty Co., P'gh, Pa.  
 Hammond Brass Works, Hammond, Ind.  
 Humphreys Mfg. Co., Mansfield, O.  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 ernational Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 Jarecki Mfg. Co., Erie, Pa.  
 Jenkins Bros., 80 White, New York, N. Y.  
 Kennedy Valve Mfg. Co., Elmira, N. Y.  
 Kinsey & Mahler Co., Peoria, Ill.  
 Locke Regulator Co., Salem, Mass.  
 Ludlow Valve Co., Troy, N. Y.  
 Lunkenheimer Co., Cincinnati, O.  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Milwaukee Valve Co., Milwaukee, Wis.  
 Mueller Co., Decatur, Ill.

Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 National Brass Mfg. Co., Rochester, N. Y.  
 Ohio Pattern Wks. & Fdry. Co., Cincinnati, O. "Eureka"  
 Pittsburgh Valve Foundry & Construction Co., Pittsburgh, Pa.  
 Powell (Wm.) Co., Cincinnati, O.  
 Reading-Pratt & Cady Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Risselt Mfg. Co., 123 E. 6th, Cincinnati, O. "Ever-seal"  
 Rockford Brass Works, Rockford, Ill.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 White Machine Works, Sixth & Harrison, Fort Wayne, Ind. "Stratello"  
 Williams (D. T.) Valve Co., Cincinnati, O.

**VALVES, Float and Tank**

Flint & Walling Mfg. Co., Kendallville, Ind. "Hoosier"  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Woodford Hydrant Co., Des Moines, Iowa. "Two-in-Ons"

**VALVES, Foot**

Buckeye Iron & Brass Wks., Dayton, O.  
 Butler Co., Butler, Ind.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 White Machine Works, Sixth & Harrison, Fort Wayne, Ind. "Stratello"  
 Worthington Pump & Mchry. Corp., 2 Park Av., New York, N. Y.

**VALVES, Gate**

American Valve Co., Coxsackie, N. Y.  
 Belknap Mfg. Co., Bridgeport, Conn.  
 Buckeye Iron & Brass Wks., Dayton, O.  
 Detroit Brass & Malleable Wks., Detroit, Mich.  
 Detroit Lubricator Co., Detroit, Mich.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 Eddy Valve Co., Watford, N. Y.  
 Electro Alloys Co., Elyria, O. "Thermalloy"  
 Fairbanks Co., 393 Lafayette, New York, N. Y.  
 Hammond Brass Works, Hammond, Ind.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 Jenkins Bros., 80 White, New York, N. Y.  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Milwaukee Valve Co., Milwaukee, Wis.  
 Ohio Brass Co., Mansfield, O.  
 Ohio Pattern Wks. & Fdry. Co., Cincinnati, O. "Eureka"  
 Powell (Wm.) Co., 2525 Spring Grove Av., Cincinnati, O. "White Star"  
 Reading-Pratt & Cady Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Rockford Brass Works, Rockford, Ill.  
 Walworth Co., 60 E. 42nd, New York, N. Y.

**VALVES, Globe and Angle**

American Valve Co., Coxsackie, N. Y.  
 Barnes Mfg. Co., Mansfield, O.  
 Bashlin Co., Warren, Pa.  
 Belknap (H.) Co., Phila., Pa.  
 Belknap Mfg. Co., Bridgeport, Conn.  
 Buckeye Iron & Brass Wks., Dayton, O.  
 Central Brass Mfg. Co., 2950 E. 55th, Cleveland, O.  
 Cleveland Brass Mfg. Co., 4606 Hamilton Ave., Cleveland, O. "Barrett"  
 Detroit Brass & Malleable Wks., Detroit, Mich.  
 Detroit Lubricator Co., Detroit, Mich.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 Electro Alloys Co., Elyria, O. "Thermalloy"  
 Fairbanks Co., 393 Lafayette, New York, N. Y. "Hitenil"  
 Fisher Brass, Inc., Marysville, O.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 Jenkins Bros., 80 White, New York, N. Y.  
 Lunkenheimer Co., Cincinnati, O.  
 Milwaukee Valve Co., Milwaukee, Wis.  
 Ohio Brass Co., Mansfield, O.  
 Ohio Pattern Wks. & Fdry. Co., Cincinnati, O. "Eureka"  
 Powell (Wm.) Co., Cincinnati, O.  
 Reading-Pratt & Cady Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Rockford Brass Works, Rockford, Ill.  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Walworth Co., 60 E. 42nd, New York, N. Y. "Ferro"

**VALVES, Hose**

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 American Valve Co., Coxsackie, N. Y.  
 Buckeye Iron & Brass Wks., Dayton, O.  
 Eddy Valve Co., Watford, N. Y.  
 Fairbanks Co., 393 Lafayette, New York, N. Y.  
 Haydenville Co., Haydenville, Mass.  
 Powell (Wm.) Co., Cincinnati, O. "Crescent"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 Thompson Mfg. Co., Los Angeles, Cal.  
 Walworth Co., 60 E. 42nd, New York, N. Y.

**VALVES, Humidifier, Water Level**

Maid-O'-Mist, Inc., 180 N. Wacker Drive, Chicago, Ill.  
 Monmouth Products Co., 1933 E. 61st, Cleveland, O.  
 Skuttle (J. L.) Co., 1015 Franklin Av., Detroit, Mich. "Skuttle"  
 Viking Air Conditioning Corp., 9500 Richmond Av., S. E., Cleveland, O.

**VALVES, Iron**

Fairbanks Co., 393 Lafayette, New York, N. Y.  
 Jenkins Bros., 80 White, New York, N. Y.  
 Powell (Wm.) Co., Cincinnati, O.  
 Reading-Pratt & Cady Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 Walworth Co., 60 E. 42nd, New York, N. Y.

**VALVES, Lead-Lined**

National Lead Co., 111 B'way, New York, N. Y.

**VALVES, Leather**

Auburn Mfg. Co., Middletown, Conn.  
 Chicago Rawhide Mfg. Co., 1285 Elston Av., Chicago, Ill.  
 Excelsior Leather Washer Mfg. Co., Rockford, Ill. "X. L."  
 Flexement Corp., Muskegon, Mich.  
 Graton & Knight Co., Worcester, Mass.  
 Hess & Hopkins Leather Co., Rockford, Ill. "Honest Leather"  
 Houghton (E. F.) & Co., Phila., Pa.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Schieren (Chas. A.) & Co., 30 Ferry, New York, N. Y. "Casco"  
 Simplex Mfg. Co., Auburn, N. Y. "Long Wear," "Simplex," "Standard"

**VALVES, Oil Control**

Automatic Products Co., 2442 N. 32nd, Milwaukee, Wis. "A-P"

**VALVES, Pump**

Anchor Packing Co., Phila., Pa. "Ankorite"  
 Backus Novelty Co., Smethport, Pa. (Pitcher)  
 Chicago Belting Co., 121 N. Green, Chicago, Ill. "Flexitan," "Reliance"  
 Colts Patent Fire Arms Mfg. Co., Hartford, Conn. "Vulcabeston"  
 Diamond Rubber Co., Inc., Akron, O.  
 Goodrich (B. F.) Arkon, O.  
 Home Rubber Co., Trenton, N. J.  
 Jenkins Bros., 80 White, New York, N. Y.  
 New York Rubber Corp., Beacon, N. Y.  
 Quaker City Rubber Co., Willsinoming, Phila., Pa.  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Worthington Pump & Mchry. Corp., 2 Park Av., New York, N. Y.

**VALVES, Radiator**

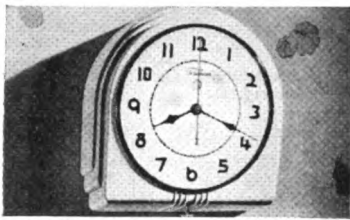
Albany Steam Trap Co., Albany, N. Y. "Blessing"  
 American Radiator Co., 40 W. 40th, New York, N. Y. "Aero"  
 American Valve Co., Coxsackie, N. Y.  
 C. & S. Specialty Mfg. Co., 1519 E. 38th, Cleveland, O. "C. & S."  
 Chapman Valve Mfg. Co., Indian Orchard, Mass.  
 Commonwealth Brass Corp., Detroit, Mich. "Lavigne"  
 Detroit Brass & Malleable Wks., Detroit, Mich.  
 Donnelly Mfg. Co., Malden, Mass. "Donnelly"  
 Dunham (C. A.) Co., 450 E. Ohio, Chicago, Ill.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 Fairbanks Co., 393 Lafayette, New York, N. Y.  
 Gorton Heating Corp., Cranford, N. J.  
 Haines (Wm S.) & Co., 12th & Buttonwood, Phila., Pa.  
 Hammond Brass Works, Hammond, Ind.  
 Haydenville Co., Haydenville, Mass.  
 Jenkins Bros., 80 White, New York, N. Y.  
 Kennedy Valve Mfg. Co., Elmira, N. Y.  
 Lunkenheimer Co., Cincinnati, O.  
 Marsh Valve Co., Dunkirk, N. Y.  
 Milwaukee Valve Co., Milwaukee, Wis. "M"  
 Ohio Brass Co., Mansfield, O. "O. B."  
 Ohio Pattern Wks. & Fdry. Co., Cincinnati, O. "Eureka"  
 Powell (Wm.) Co., Cincinnati, O. "Composite," "Crescent," "Union," "White Star"  
 Rockford Brass Works, Rockford, Ill.  
 Star Brass Mfg. Co., Boston, Mass. "Renewable"  
 Syracuse Faucet & Valve Co., Eastwood, N. Y.  
 U. S. Air & Vacuum Valve Co., New Haven, Conn. "USAV"  
 Walworth Co., 60 E. 42nd, New York, N. Y.  
 Williams (D. T.) Valve Co., Cincinnati, O.

**VALVES, Radiator, Humidifying**

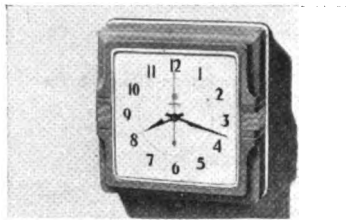
Maid-O'-Mist, Inc., 180 N. Wacker Drive, Chicago, Ill.  
 Weeks Valve Co., 3308 14th, N. W., Washington, D. C.

**VALVES, Regrinding**

Detroit Brass & Malleable Works, Detroit, Mich.  
 Fairbanks Co., 393 Lafayette, New York, N. Y.  
 Jenkins Bros., 80 White, New York, N. Y.  
 Kennedy Valve Mfg. Co., Elmira, N. Y.  
 Lunkenheimer Co., Cincinnati, O.  
 Milwaukee Valve Co., 2375 S. Burrell, Milwaukee, Wis.  
 Walworth Co., 60 E. 42nd, New York, N. Y.



**BUFFET**, Model No. 2H07, is a best-seller for the kitchen. Plastic case in ivory, white, green, black or red colors. To retail at only .....\$3.50.



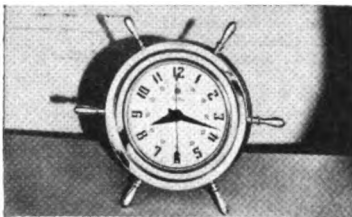
**CAFE**, Model No. 2H11, is another new design for the kitchen wall. Plastic case in ivory, green, black, white or red colors. To retail at.....\$4.95.



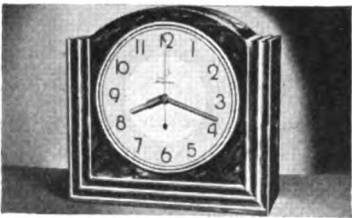
**ADVOCATE**, Model No. 3H77, an attractive new design of wood covered with black Textileather. An attractive model with many uses. To retail at only \$5.95.



**VIRGINIAN**, Model No. 3H81, has dignity and pride in its case of light and dark wood, with a fluted base. Retails at \$5.95. **Colonnade**, Model No. 7H95, same design with alarm, is \$6.95.



**RESOLUTE**, Model No. 3H85, is a new model for people who love ships and the sea. A simple design in gold-colored metal, it is ideal for a sailor's den. Retails for only.....\$5.95.



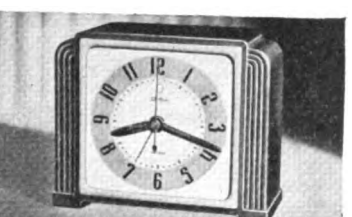
**HIGHLAND**, Model No. 4H93, is a handsome clock in a mottled brown plastic case. A quick-moving model, it retails at only \$5.95. **Angelus**, same model with strike feature, is \$9.95.



**SUAVE**, Model No. 5H57, is a colorful clock for table or dresser. The well-designed dial rests on a brown plastic base. To retail at \$5.95. **Steward**, Model 7H99, same design with alarm, \$6.95.



**ATTENDANT**, Model No. 7H85, is a popular, fast-selling alarm clock. In brown plastic case, \$2.95. Ivory colored case, \$3.50. **Dispatcher**, with luminous numerals and hands, \$1 more.



**SECRETARY**, Model No. 7H91, a popular alarm in brown plastic, retails at \$3.95. In ivory colored case, at \$4.50. **Cordial**, same design with luminous numerals and hands, is \$1 more.



**IMP**, Model No. 7H101, is an interesting new alarm in plastic case. Available in rose, ivory or brown colors, to match the bedroom decorations. This design will turn over fast at only.....\$5.95.

## Sure-Sellers

### THE

## COUNTRY OVER!

THESE Telechron electric clocks are moving fast everywhere. Because they're designed and priced right! Hardware dealers all over the country are finding a good profit in the quick-selling Telechron line.

Consistent national advertising has made the public conscious of Telechron beauty and dependability. These handsome clocks are also backed by strong dealer-promotion programs—including window and counter displays, catalogues and direct mail material.

Get your share of the ever-expanding market for Telechron electric clocks. Be sure your stock is sufficient to meet the demand—and that it is well displayed. Ask the nearest Telechron distributor to give you complete information on this profit-making line.

WARREN *Telechron* COMPANY  
Reg. U. S. Pat. Off.

34 MAIN STREET • ASHLAND, MASSACHUSETTS

Mention Hardware Age When Writing

## VALVES, Relief

Ashton Valve Co., Cambridge, Mass.  
Beaton & Cadwell Mfg. Co., New Britain, Conn.  
"Cadwell"  
Cash (A. W.) Co., Decatur, Ill.  
Donnelly Mfg. Co., Malden, Mass. "Donnelly"  
Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
Imperial Brass Mfg. Co., Chicago, Ill.  
International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
Lunkenheimer Co., Cincinnati, O.  
Mueller Co., Decatur, Ill.  
Powell (Wm.) Co., Cincinnati, O.  
Walworth Co., 60 E. 42nd, New York, N. Y.

## VALVES, Renewable Disc

Fairbanks Co., 393 Lafayette, New York, N. Y.

VALVES, Safety—See Valves, Relief

## VALVES, Steel

Chapman Valve Mfg. Co., Indian Orchard, Mass.  
Darling Valve & Mfg. Co., Williamsport, Pa.  
Jenkins Bros., 80 White, New York, N. Y.  
Locke Regulator Co., Salem, Mass.  
Lunkenheimer Co., Cincinnati, O. "Victor"  
Nicholson (W. H.) & Co., Wilkes-Barre, Pa.  
Powell (Wm.) Co., Cincinnati, O.  
Reading-Pratt Cady Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
Walworth Co., 60 E. 42nd, New York, N. Y.

VALVES, Stop—See Valves, Check, Stop, Etc.

## VALVES, Throttle

Fairbanks Co., 393 Lafayette, New York, N. Y.  
Knox Mfg. Co., Phila., Pa.  
Lunkenheimer Co., Cincinnati, O.  
Walworth Co., 60 E. 42nd, New York, N. Y.

## VALVES, Tire

Acme Air Appliance Co., Inc., 264 Park Av., B'klyn, N. Y. "T. & R."  
Dill Mfg. Co., 684 E. 82nd, Cleveland, O.  
Dole Valve Co., Chicago, Ill.  
Schrader's (A.) Son, Div. of Scovill Mfg. Co., Inc., 470 Vanderbilt Av., B'klyn, N. Y.  
U. S. Air Compressor Company, Cleveland, O.

## VANES, Weather

Canton Art Metal Co., Canton, O.  
Craftsmen, 108 Broad, Boston, Mass.  
Draper Mfg. Co., 45 Warren, New York, N. Y.  
Edwards Mfg. Co., Cincinnati, O.  
Eller Mfg. Co., Canton, O.  
Flake (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.  
General Hardware Mfg. Co., 16 Warren, New York, N. Y.  
Gerock Bros. Mfg. Co., St. Louis, Mo.  
Henis (Wm. G.) Sons & Co., Phila., Pa.  
Household Patent Co., Norristown, Pa.  
Lynch (Kenneth) & Son, Inc., 215 E. 42nd, New York, N. Y.  
Mifcor Steel Co., Milwaukee, Wis.  
National Standard Co., Niles, Mich. "Diamond"  
Noble & Cooley Co., Granville, Mass.  
Ruck, Henry, 3031 N. Park Av., Phila., Pa.  
Smith (F. P.) Wire & Iron Wks., 236 Cylbourn Av., Chicago, Ill.  
Snow (W. A.) Co., Inc., 53 State, Boston, Mass.  
Souther (E. E.) Iron Co., St. Louis, Mo.  
Washburne (Edw. G.) & Co., 207 Fulton, New York, N. Y.

VAPORPROOF LIGHT FITTINGS—See Fittings, Light, Vaporproof

## VAPORIZERS, Moth, Electric

McCloud (W. B.) & Co., 325 W. Huron, Chicago, Ill.

VARNISH BRUSHES—See Brushes, Paint and Varnish

VARNISH CLEANERS—See Cleaners, Paint and Varnish

VARNISH GATES—See Gates, Molasses, Oil and Varnish

VARNISH REMOVERS—See Removers, Paint and Varnish

VARNISH STAINS—See Stains, Varnish

VARNISH STRAINERS—See Strainers, Paint

## VARNISHES

(See also Paints; also article desired)

Acme White Lead & Color Wks., Detroit, Mich.  
Adams & Elting Co., Chicago, Ill. "Ad-el-ite."  
"Builders Special," "101," "103 Hobnall-Proof."  
"Spar-ite Print-Proof"  
Advance Paint Co., Indianapolis, Ind.  
Akron Varnish Co., Akron, O.  
Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.  
American Varnish Co., Chicago, Ill.  
Anglo-American Varnish Co., 55 Johnson, Newark, N. J.  
Arco Co., Cleveland, O.  
Armstrong (John L.) & Co., 245 Thomas, Newark, N. J.

Armstrong Paint & Varnish Works, Chicago, Ill. "Armello," "Armorte," "Armor-Seal," "Boss Painter," "Evry-Use," "Kilbourn," "Pawnee"  
Arnesto Paint Co., Inc., 550 W. 46th, New York, N. Y.  
Arto Mfg. Co., Inc., Roberts Av. & Stokley, Phila., Pa. "Art-Glo"  
Atlantic Paint Mfg. Co., 100 Boylston, Boston, Mass. "ARMA"  
Atlantic Paint & Varnish Works, Wilmington, N. C.  
Atlantic Varnish Works, Richmond, Va.  
Baer Bros., 438 W. 37th, New York, N. Y. "Klon-dike"  
Baker Paint & Varnish Co., 218 Suydam Av., Jersey City, N. J. "Eternolite"  
Berry Bros., Detroit, Mich. "Berrycraft"  
Bestoseal Co., 1451 B'way, New York, N. Y. "Bestoseal"  
Bigelow Varnish Co., 132 Chestnut, Newark, N. J.  
Bissell Varnish Co., Bridgeport, Conn. "Crockett's"  
Black Diamond Paint & Varnish Works, Cincinnati, O. "Watertite"  
Blackburn Varnish Co., Cincinnati, O.  
Blatz Co., Louisville, Ky.  
Boston Varnish Co., Everett, Mass. "Kyanize"  
Bownes (Frank) Co., Chelsea, Mass.  
Breinig Bros., 3rd & Grand, Hoboken, N. J. "Ever-dure"  
Brooklyn Varnish Mfg. Co., 35 Nostrand Av., B'klyn, N. Y. "Kauri"  
Buckeye Paint & Varnish Co., Toledo, O.  
Burgess, Forbes & Co., Portland, Me.  
Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
Cambria Paint & Color Co., Johnstown, Pa.  
Campbell Paint & Varnish Co., St. Louis, Mo.  
Carpenter-Morton Co., Boston, Mass. "Carmote"  
Central Paint & Varnish Works, 69 Prospect, B'klyn, N. Y. "Cashellac"  
Chicago Paint Wks., 1332 S. Kilbourn Av., Chicago, Ill. "All-Star"  
Chilton Paint Co., College Point, N. Y.  
Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
Chipman Chemical Co., Inc., Bound Brook, N. J.  
Colledge (E. J.) & Sons, Atlanta, Ga.  
Columbus Varnish Co., Columbus, O.  
Commonwealth Varnish Co., Chicago, Ill. "Fibro-seal," "Leatherseal"  
Con-Ferro Paint & Varnish Co., St. Louis, Mo.  
Continental Products Co., Euclid, O.  
Cook & Dunn Paint Corp., 109 St. Francis, Newark, N. J.  
Cook Paint & Varnish Co., North Kansas City, Mo. "Red Circle"  
Cromar Co., Williamsport, Pa. "Tone-Phlex"  
Davis (H. B.) Co., Baltimore, Md.  
DeGulyer Varnish Works, Troy, N. Y. "Alluse," "Sil-Kat"  
Detroit White Lead Wks., Detroit, Mich. "Rogers"  
Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
Du Pont (E. I.) de Nemours & Co., Wilmington, Del. "Du Pont," "Wonderlac"  
Eberson-Lindley Paint Co., St. Louis, Mo.  
Elliott Varnish Co., Chicago, Ill.  
Empire Varnish Co., 2638 E. 76th, Cleveland, O. "Em-Var-Co"  
Enterprise Mfg. Co., Dept. H.A., Akron, O. (Fishing Rod)  
Enterprise Paint Mfg. Co., 845 W. Van Buren, Chicago, Ill. "Enter-Spar"  
Essex Varnish Co., 218 McWorter, Newark, N. J.  
Federal Varnish Co., 337 S. Peoria, Chicago, Ill. "No Burn"  
Felton-Sibley & Co., Inc., Phila., Pa.  
Flint Paint & Varnish Corp., Flint, Mich.  
Flood & Conklin Co., 132 Chestnut, Newark, N. J.  
Floor-Shine Mfg. Co., St. Louis, Mo.  
Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
Fov Paint Co., Inc., Cincinnati (Norwood), O. "Nuco," "Permadura," "True-Var," "Var-Lin"  
Fuller (W. P.) & Co., Inc., 301 Mission, San Francisco, Cal.  
General Cement Mfg. Co., 1041 Kilburn Av., Rockford, Ill. "Ruf-Koat"  
Gillespie Varnish Co., 131 Dey, Jersey City, N. J. "Gillespie"  
Gliman Paint & Varnish Co., Chattanooga, Tenn.  
Glidden Co., Madison Av. & Bergen Rd., Cleveland, O. "Glidden Spar," "Lik-A-Rub," "Rapidcote," "Wear-cite"  
Goheen Corp. of N. J., 46 Albert, Newark, N. J. "Vita-Var"  
Hanline Bros., Baltimore, Md.  
Hilo Varnish Corp., 42 Stewart Av., B'klyn, N. Y. "Speed-Up"  
Indianapolis Varnish Co., Indianapolis, Ind.  
Jamestown Paint & Varnish Co., Jamestown, Pa.  
Jamestown Wood Finishing Co., Jamestown, N. Y.  
Jewell Paint & Varnish Co., Chicago, Ill.  
Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O. "Armor Spar," "Coat-stone," "Excello," "Flexible Floor," "General Purpose," "Linola," "O & D," (On & Dry), "Surety Bond," "Vi-Va"  
Keystone Varnish Co., 71 Otsego, B'klyn, N. Y.  
Kuhn's Paint & Varnish Works, Houston, Tex.  
Lansing Paint & Color Co., Lansing, Mich.  
Lasting Products Co., 202 S. Franklinton Rd., Baltimore, Md. "Paint Masters"  
Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger Brand"  
Lilly Varnish Co., Indianapolis, Ind.  
Louisville Paint Mfg. Co., Louisville, Ky.  
Louisville Varnish Co., Louisville, Ky. "Fixall"  
Lowe Bros. Co., Dayton, O. "Neptunite"

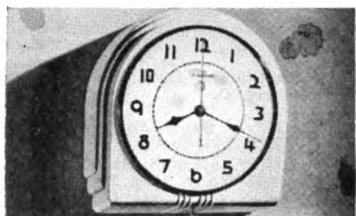
Lucas (John) & Co., Phila., Pa.  
McCloskey Varnish Co., Holmesburg (Phila.), Pa.  
McDougall-Butler Co., Buffalo, N. Y.  
McGlowe Varnish Co., Revere, Mass. "Watalite"  
McNamara Paint Products Co., Inc., 3103 Beaubien, Detroit, Mich.  
McQuade (John) & Co., Inc., 134 Classon Av., B'klyn, N. Y. "McQuade's"  
Marietta Paint & Color Co., Marietta, O. "Maco"  
Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
Martin Varnish Co., Chicago, Ill.  
Masury (John W.) & Son, 50 Jay, B'klyn, N. Y.  
Merkin (M. J.) Paint Co., Inc., 1441 B'way, New York, N. Y. "Aero"  
Monad Paint & Varnish Co., Phila., Pa. "Atco," "Monad"  
Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
Morhard (Geo. A.) Co., 1500 Chestnut, Phila., Pa.  
Mound City Paint & Color Co., St. Louis, Mo. "Horse Shoe"  
Murphy Varnish Co., 224 McWorter, Newark, N. J. "Overnight," "Universal," "Utility," "Muronie"  
New Method Varnish Co., Elmira, N. Y.  
Nice (Eugene E.) Co., Phila., Pa.  
Norfolk Paint & Varnish Co., Norfolk Downs, Mass.  
North Star Varnish Co., St. Paul, Minn.  
Nu-Enamel Corp., 8709 Kinsman Av., Cleveland, O.  
O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind. "O'Brien's T.T.O."  
Packard Paint & Varnish Co., Boston, Mass.  
Paraffine Co., Inc., San Francisco, Cal. "Pabeo"  
Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O. "Olo"  
Patterson-Sargent Co., Cleveland, O. "B.P.S.," "B.V.S."  
Payson Paint & Varnish Corp., 804 E. 141st, New York, N. Y. "Jeb," "Payson's"  
Peninsular Paint & Varnish Co., Detroit, Mich. "Colonial Floor," "Penspar," "VitRite"  
Phoenix Paint & Varnish Co., Phila., Pa.  
Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y. "Dew-All," "Popeco"  
Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
Pioneer Mfg. Co., Cleveland, O. "Shino"  
Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Manhattan," "Pitclairn," "Plas-co," "Waterspar"  
Pratt & Lambert, Inc., Buffalo, N. Y.  
Reifschneider Paint & Glass Co., Omaha, Neb.  
Republic Paint & Varnish Co., 14th & S. Kilbourn Av., Chicago, Ill.  
Sapolin Co., Inc., 229 E. 42nd, New York, N. Y. "Speed"  
Sargent-Gerke Co., Indianapolis, Ind.  
Schenectady Varnish Co., Schenectady, N. Y.  
Schrack (C.) & Co., Phila., Pa.  
Seidlitz Varnish Co., Kansas City, Mo.  
Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo. "Sewall's"  
Shaw (Geo. H.) Co., Middleboro, Mass.  
Sherwin-Williams Co., Cleveland, O.  
Southwestern Paint & Varnish Co., Kansas City, Mo.  
Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa. "Dulux"  
Standard Varnish Wks., 2589 Richmond Terrace, Staten Island, N. Y. "Barene," "Brushless," "Elastic," "Koverfor"  
Stanley Chemical Co., E. Berlin, Conn. "Sparox"  
Steelcote Mfg. Co., St. Louis, Mo.  
Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
Sterling Varnish Co., Haysville, Pa. "Sterling"  
Thibaut & Walker Co., 46th Rd., Long Island City, N. Y. "Ex-In-O-Lite," "Mop-It-On"  
Towns Paint Co., Buffalo, N. Y.  
Twin City Varnish Co., Minneapolis, Minn.  
U. S. Plastics Co., 850 Providence Rd., Scranton, Pa. "Derma"  
Valentine & Co., Inc., 11 E. 36th, New York, N. Y. "Super Valspar," "Valentine's Master Painter," "Valspar"  
Varecraft Wks., Pottstown, Pa.  
Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J. "Vita-Var"  
Volta Co., Bridgeport, Conn.  
Watson (John R.) Paint Co., 3103 Beaubien, Detroit, Mich.  
Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa. "44," "88"  
Western Paint & Varnish Co., Duluth, Minn. "Best Quality," "Double Tested"  
Wetherhill (G. D.) & Co., Phila., Pa.  
Woolsey (C. A.) Paint & Color Co., 500 Grand Jersey City, N. J. "Cawpaco"  
Zinsner (Wm.) & Co., 516 W. 69th, New York, N. Y. "Bulls-Eve," "Red Z"

## VARNISHES, Asphaltum—See Varnishes

## VARNISHES, Floor

Berry Bros., Detroit, Mich.  
Boston Varnish Co. (Everett), Boston, Mass. "Kyanize"  
Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
Chicago Paint Works, 1330 S. Kilbourn Av., Chicago, Ill. "All-Star"  
Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
Con-Ferro Paint & Varnish Co., St. Louis, Mo.  
Cromar Co., Williamsport, Pa. "Tone-Phlex"  
Devos & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.  
Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.  
Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.





**BUFFET**, Model No. 2H07, is a best-seller for the kitchen. Plastic case in ivory, white, green, black or red colors. To retail at only .....\$3.50.



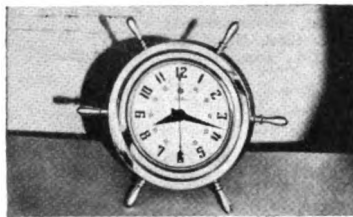
**CAFE**, Model No. 2H11, is another new design for the kitchen wall. Plastic case in ivory, green, black, white or red colors. To retail at.....\$4.95.



**ADVOCATE**, Model No. 3H77, an attractive new design of wood covered with black Textileleather. An attractive model with many uses. To retail at only \$5.95.



**VIRGINIAN**, Model No. 3H81, has dignity and pride in its case of light and dark wood, with a fluted base. Retails at \$5.95. **Colonnade**, Model No. 7H95, same design with alarm, is \$6.95.



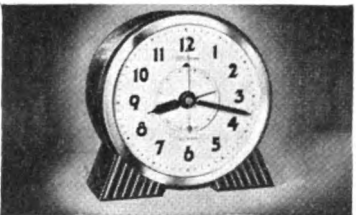
**RESOLUTE**, Model No. 3H85, is a new model for people who love ships and the sea. A simple design in gold-colored metal, it is ideal for a sailor's den. Retails for only.....\$5.95.



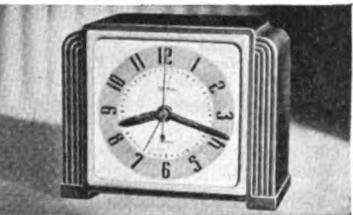
**HIGHLAND**, Model No. 4H93, is a handsome clock in a mottled brown plastic case. A quick-moving model, it retails at only \$5.95. **Angelus**, same model with strike feature, is \$9.95.



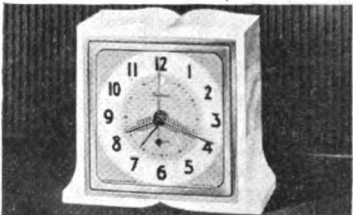
**SUAVE**, Model No. 5H57, is a colorful clock for table or dresser. The well-designed dial rests on a brown plastic base. To retail at \$5.95. **Steward**, Model 7H99, same design with alarm, \$6.95.



**ATTENDANT**, Model No. 7H85, is a popular, fast-selling alarm clock. In brown plastic case, \$2.95. Ivory colored case, \$3.50. **Dispatcher**, with luminous numerals and hands, \$1 more.



**SECRETARY**, Model No. 7H91, a popular alarm in brown plastic, retails at \$3.95. In ivory colored case, at \$4.50. **Cordial**, same design with luminous numerals and hands, is \$1 more.



**IMP**, Model No. 7H101, is an interesting new alarm in plastic case. Available in rose, ivory or brown colors, to match the bedroom decorations. This design will turn over fast at only.....\$5.95.

## Sure-Sellers

### THE

## COUNTRY OVER!

THESE Telechron electric clocks are moving fast everywhere. Because they're designed and priced right! Hardware dealers all over the country are finding a good profit in the quick-selling Telechron line.

Consistent national advertising has made the public conscious of Telechron beauty and dependability. These handsome clocks are also backed by strong dealer-promotion programs—including window and counter displays, catalogues and direct mail material.

Get your share of the ever-expanding market for Telechron electric clocks. Be sure your stock is sufficient to meet the demand—and that it is well displayed. Ask the nearest Telechron distributor to give you complete information on this profit-making line.

WARREN *Telechron* COMPANY  
Reg. U. S. Pat. Off.  
34 MAIN STREET • ASHLAND, MASSACHUSETTS

Mention Hardware Age When Writing

Digitized by Google

**VALVES, Relief**

Ashton Valve Co., Cambridge, Mass.  
 Beaton & Cadwell Mfg. Co., New Britain, Conn.  
 "Cadwell"  
 Cash (A. W.) Co., Decatur, Ill.  
 Donnelly Mfg. Co., Malden, Mass. "Donnelly"  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 Imperial Brass Mfg. Co., Chicago, Ill.  
 International Plumbing Mfg. Co., Inc., 45 Murray,  
 New York, N. Y.  
 Junkenheimer Co., Cincinnati, O.  
 Mueller Co., Decatur, Ill.  
 Powell (Wm.) Co., Cincinnati, O.  
 Walworth Co., 60 E. 42nd, New York, N. Y.

**VALVES, Renewable Disc**

Fairbanks Co., 393 Lafayette, New York, N. Y.  
 /ALVES, Safety—See Valves, Relief

**VALVES, Steel**

Chapman Valve Mfg. Co., Indian Orchard, Mass.  
 Darling Valve & Mfg. Co., Williamsport, Pa.  
 Jenkins Bros., 80 White, New York, N. Y.  
 Locke Regulator Co., Salem, Mass.  
 Junkenheimer Co., Cincinnati, O. "Victor"  
 Nicholson (W. H.) & Co., Wilkes-Barre, Pa.  
 "owell (Wm.) Co., Cincinnati, O.  
 Leading-Pratt Cady Div. American Chain & Cable  
 Co., Inc., Bridgeport, Conn.  
 Walworth Co., 60 E. 42nd, New York, N. Y.

/ALVES, Stop—See Valves, Check, Stop, Etc.

**VALVES, Throttle**

Fairbanks Co., 393 Lafayette, New York, N. Y.  
 Knox Mfg. Co., Phila., Pa.  
 Junkenheimer Co., Cincinnati, O.  
 Walworth Co., 60 E. 42nd, New York, N. Y.

**VALVES, Tire**

Air Appliance Co., Inc., 254 Park Av.,  
 B'klyn, N. Y. "T. & R."  
 Hill Mfg. Co., 684 E. 82nd, Cleveland, O.  
 Jole Valve Co., Chicago, Ill.  
 Lechard's (A.) Son, Div. of Scovill Mfg. Co.,  
 Inc., 470 Vanderbilt Av., B'klyn, N. Y.  
 J. S. Air Compressor Company, Cleveland, O.

**VANES, Weather**

Anton Art Metal Co., Canton, O.  
 Draftsmen, 108 Broad, Boston, Mass.  
 Draper Mfg. Co., 45 Warren, New York, N. Y.  
 Edwards Mfg. Co., Cincinnati, O.  
 Eller Mfg. Co., Canton, O.  
 Hake (F. W.) Iron Wks., 78 Park Pl., New York,  
 N. Y.  
 General Hardware Mfg. Co., 16 Warren, New  
 York, N. Y.  
 Jerock Bros. Mfg. Co., St. Louis, Mo.  
 Jennis (Wm. G.) Sons & Co., Phila., Pa.  
 Household Patent Co., Norristown, Pa.  
 Jouch (Kenneth) & Son, Inc., 215 E. 42nd, New  
 York, N. Y.  
 Milcor Steel Co., Milwaukee, Wis.  
 National-Standard Co., Niles, Mich. "Diamond"  
 Noble & Cooley Co., Granville, Mass.  
 Pack, Henry, 8031 N. Park Av., Phila., Pa.  
 Smith (F. P.) Wire & Iron Wks., 2346 Cylbourn  
 Av., Chicago, Ill.  
 Snow (W. A.) Co., Inc., 53 State, Boston, Mass.  
 South (E. E.) Iron Co., St. Louis, Mo.  
 Washburne (Edw. G.) & Co., 207 Fulton, New  
 York, N. Y.

/APORPROOF LIGHT FITTINGS—See Fittings,  
 Light, Vaporproof

**VAPORIZERS, Moth, Electric**

McCloud (W. B.) & Co., 325 W. Huron, Chicago, Ill.

VARNISH BRUSHES—See Brushes, Paint and  
 Varnish

VARNISH CLEANERS—See Cleaners, Paint and  
 Varnish

VARNISH GATES—See Gates, Molasses, Oil and  
 Varnish

VARNISH REMOVERS—See Removers, Paint and  
 Varnish

VARNISH STAINS—See Stains, Varnish

VARNISH STRAINERS—See Strainers, Paint

**VARNISHES**

(See also Paints; also article desired)

Acme White Lead & Color Wks., Detroit, Mich.  
 Adams & Elting Co., Chicago, Ill. "Ad-el-ite."  
 "Builders Special," "101," "103 Hobnail-Proof,"  
 "Spar-ite Print-Proof"  
 Advance Paint Co., Indianapolis, Ind.  
 Akron Varnish Co., Akron, O.  
 Alabastine Co., 835 Chicago Drive, S. W., Grand  
 Rapids, Mich.  
 American Varnish Co., Chicago, Ill.  
 Anglo-American Varnish Co., 55 Johnson, New-  
 ark, N. J.  
 Arco Co., Cleveland, O.  
 Armitage (John L.) & Co., 245 Thomas, Newark,  
 N. J.

Armstrong Paint & Varnish Works, Chicago, Ill.  
 "Armello," "Armoria," "Armor-Seal," "Boss  
 Painter," "Evry-Use," "Kilbourn," "Pawnee"  
 Arnesto Paint Co., Inc., 550 W. 46th, New York,  
 N. Y.  
 Arto Mfg. Co., Inc., Roberts Av. & Stokley, Phila.,  
 Pa. "Art-Glo"  
 Atlantic Paint Mfg. Co., 100 Boylston, Boston,  
 Mass. "ARMA"  
 Atlantic Paint & Varnish Works, Wilmington,  
 N. C.  
 Atlantic Varnish Works, Richmond, Va.  
 Baer Bros., 488 W. 37th, New York, N. Y. "Klon-  
 dike"  
 Baker Paint & Varnish Co., 218 Suydam Av., Jer-  
 sey City, N. J. "Eternolin"  
 Berry Bros., Detroit, Mich. "Berrycraft"  
 Bestoseal Co., 1451 B'way, New York, N. Y. "Besto-  
 seal"  
 Bigelow Varnish Co., 132 Chestnut, Newark, N. J.  
 Bissell Varnish Co., Bridgeport, Conn. "Crockett's"  
 Black Diamond Paint & Varnish Works, Cincin-  
 nati, O. "Watertite"  
 Blackburn Varnish Co., Cincinnati, O.  
 Blatz Co., Louisville, Ky.  
 Boston Varnish Co., Everett, Mass. "Kyanize"  
 Bownes (Frank) Co., Chelsea, Mass.  
 Breinig Bros., 3rd & Grand, Hoboken, N. J. "Ever-  
 dure"  
 Brooklyn Varnish Mfg. Co., 35 Nostrand Av., B'klyn,  
 N. Y. "Kauri"  
 Buckeye Paint & Varnish Co., Toledo, O.  
 Burgess, Forbes & Co., Portland, Me.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha,  
 Phila., Pa.  
 Cambria Paint & Color Co., Johnstown, Pa.  
 Campbell Paint & Varnish Co., St. Louis, Mo.  
 Carpenter-Morton Co., Boston, Mass. "Carmote"  
 Central Paint & Varnish Works, 69 Prospect, B'klyn,  
 N. Y. "Cashellac"  
 Chicago Paint Wks., 1332 S. Kilbourn Av., Chi-  
 cago, Ill. "All-Star"  
 Chilton Paint Co., College Point, N. Y.  
 Chi-Namel Paint & Varnish Co., 1101 Third, So.,  
 Minneapolis, Minn.  
 Chipman Chemical Co., Inc., Bound Brook, N. J.  
 Colledge (E. J.) & Sons, Atlanta, Ga.  
 Columbus Varnish Co., Columbus, O.  
 Commonwealth Varnish Co., Chicago, Ill. "Fibro-  
 seal," "Leathesal"  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo.  
 Continental Products Co., Euclid, O.  
 Cook & Dunn Paint Corp., 109 St. Francis, New-  
 ark, N. J.  
 Cook Paint & Varnish Co., North Kansas City, Mo.  
 "Red Circle"  
 Cromar Co., Williamsport, Pa. "Tone-Phlex"  
 Davis (H. B.) Co., Baltimore, Md.  
 DeGolyer Varnish Works, Troy, N. Y. "Alluse."  
 "Sul-Kat"  
 Detroit White Lead Wks., Detroit, Mich. "Rogers"  
 Devoe & Reynolds Co., Inc., 1 W. 47th, New York,  
 N. Y.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth,  
 Jersey City, N. J.  
 Du Pont (E. I.) de Nemours & Co., Wilmington,  
 Del. "Du Pont," "Wonderlac"  
 Eberson-Lindsley Paint Co., St. Louis, Mo.  
 Elliott Varnish Co., Chicago, Ill.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, O.  
 "Em-Var-Co"  
 Enterprise Mfg. Co., Dept. H.A., Akron, O. (Fishing  
 Rod)  
 Enterprise Paint Mfg. Co., 845 W. Van Buren,  
 Chicago, Ill. "Enter-Spar"  
 Essex Varnish Co., 218 McWorter, Newark, N. J.  
 Federal Varnish Co., 337 S. Peoria, Chicago, Ill.  
 "No Burn"  
 Felton-Sibley & Co., Inc., Phila., Pa.  
 Flint Paint & Varnish Corp., Flint, Mich.  
 Flood & Conklin Co., 132 Chestnut, Newark, N. J.  
 Floor-Shine Mfg. Co., St. Louis, Mo.  
 Ford Roofing Products Co., 111 W. Washington,  
 Chicago, Ill.  
 Fov Paint Co., Inc., Cincinnati (Norwood), O.  
 "Nueco," "Permadura," "True-Var," "Var-Lin"  
 Fuller (W. P.) & Co., Inc., 301 Mission, San Fran-  
 cisco, Cal.  
 General Cement Mfg. Co., 1041 Kilburn Av., Rock-  
 ford, Ill. "Ruf-Koat"  
 Gillespie Varnish Co., 131 Dey, Jersey City, N. J.  
 "Gillespie"  
 Gilman Paint & Varnish Co., Chattanooga, Tenn.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 "Glidden Spar," "Lik-A-Rub," "Rapidcote," "Wear-  
 cote"  
 Goheen Corp. of N. J., 46 Albert, Newark, N. J.  
 "Vita-Var"  
 Hanline Bros., Baltimore, Md.  
 Hilo Varnish Corp., 42 Stewart Av., B'klyn, N. Y.  
 "Speed-Up"  
 Indianapolis Varnish Co., Indianapolis, Ind.  
 Jamestown Paint & Varnish Co., Jamestown, Pa.  
 Jamestown Wood Finishing Co., Jamestown, N. Y.  
 Jewell Paint & Varnish Co., Chicago, Ill.  
 Johnston (H. F.) Paint Co., 3925 Huston Av.,  
 (Norwood), Cincinnati, O. "Armor Spar," "Coats-  
 stone," "Exello," "Flexible Floor," "General Pur-  
 pose," "Linola," "O & D," (On & Dry),  
 "Surety Bond," "Vi-Va"  
 Keystone Varnish Co., 71 Otsego, B'klyn, N. Y.  
 Kuhn's Paint & Varnish Works, Houston, Tex.  
 Lansing Paint & Color Co., Lansing, Mich.  
 Lasting Products Co., 202 S. Franklinton Rd.,  
 Baltimore, Md. "Paint Masters"  
 Lawrence (W. W.) & Co., Pittsburgh, Pa. "Tiger  
 Brand"  
 Lilly Varnish Co., Indianapolis, Ind.  
 Louisville Paint Mfg. Co., Louisville, Ky.  
 Louisville Varnish Co., Louisville, Ky. "Fixall"  
 Lowe Bros. Co., Dayton, O. "Neptunite"

Lucas (John) & Co., Phila., Pa.  
 McCloskey Varnish Co., Holmesburg (Phila.), Pa.  
 McDougall-Butler Co., Buffalo, N. Y.  
 McGlone Varnish Co., Revere, Mass. "Watalite"  
 McNamara Paint Products Co., Inc., 3103 Beaubien,  
 Detroit, Mich.  
 McQuade (John) & Co., Inc., 134 Classon Av.,  
 Bklyn, N. Y. "McQuade's"  
 Marietta Paint & Color Co., Marietta, O. "Maco"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Martin Varnish Co., Chicago, Ill.  
 Masury (John W.) & Son, 50 Jay, B'klyn, N. Y.  
 Merkin (M. J.) Paint Co., Inc., 1441 Bway, New  
 York, N. Y. "Aero"  
 Monad Paint & Varnish Co., Phila., Pa. "Atco,"  
 "Monad"  
 Moore (Benj.) & Co., 511 Canal, New York, N. Y.  
 Morhard (Geo. A.) Co., 1500 Chestnut, Phila., Pa.  
 Mount City Paint & Color Co., St. Louis, Mo. "Horse  
 Shoe"  
 Murphy Varnish Co., 224 McWorter, Newark, N. J.  
 "Overnight," "Universal," "Utility," "Muronie"  
 New Method Varnish Co., Elmira, N. Y.  
 Nice (Eugene E.) Co., Phila., Pa.  
 Norfolk Paint & Varnish Co., Norfolk Downs, Mass.  
 North Star Varnish Co., St. Paul, Minn.  
 Nu-Enamel Corp., 3709 Kinsman Av., Cleveland, O.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend,  
 Ind. "O'Brien's T.T.O."  
 Packard Paint & Varnish Co., Boston, Mass.  
 Paraffine Cos., Inc., San Francisco, Cal. "Pabeo"  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long  
 Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Clevel-  
 and, O. "Olo"  
 Patterson-Sargent Co., Cleveland, O. "B.P.S."  
 "BV.S."  
 Payson Paint & Varnish Corp., 804 E. 141st, New  
 York, N. Y. "Jeb," "Payson's"  
 Peninsular Paint & Varnish Co., Detroit, Mich.  
 "Colonial Floor," "Penspar," "ViteRite"  
 Phoenix Paint & Varnish Co., Phila., Pa.  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City,  
 N. Y. "Dew-All," "Popeco"  
 Piniol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pioneer Mfg. Co., Cleveland, O. "Shino"  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg.,  
 Pittsburgh, Pa. "Manhattan," "Pitclairn," "Plas-  
 co," "Waterpar"  
 Pratt & Lambert, Inc., Buffalo, N. Y.  
 Reifschneider Paint & Glass Co., Omaha, Neb.  
 Republic Paint & Varnish Co. 14th & S. Kilbourn  
 Av., Chicago, Ill.  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.  
 "Speed"  
 Sargent-Gerke Co., Indianapolis, Ind.  
 Schenectady Varnish Co., Schenectady, N. Y.  
 Schrack (C.) & Co., Phila., Pa.  
 Seidlitz Varnish Co., Kansas City, Mo.  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas  
 City, Mo. "Sewall's"  
 Shaw (Geo. H.) Co., Middleboro, Mass.  
 Sherwin-Williams Co., Cleveland, O.  
 Southwestern Paint & Varnish Co., Kansas City, Mo.  
 Spruance (Gilbert) Co., Richmond & Tioga, Phila.,  
 Pa. "Dulux"  
 Standard Varnish Wks., 2589 Richmond Terrace,  
 Staten Island, N. Y. "Barene," "Brushless,"  
 "Elastica," "Koverfor"  
 Stanley Chemical Co., E. Berlin, Conn. "Sparox"  
 Steelcote Mfg. Co., St. Louis, Mo.  
 Sterling Paint & Varnish Co., 184 Commercial,  
 Malden, Mass.  
 Sterling Varnish Co., Hayville, Pa. "Sterling"  
 Thibaut & Walker Co., 46th Road, Long Island  
 City, N. Y. "Ex-In-O-Lite," "Mop-It-On"  
 Towns Paint Co., Buffalo, N. Y.  
 Twin City Varnish Co., Minneapolis, Minn.  
 U. S. Plastics Co., 850 Providence Rd., Scranton,  
 Pa. "Derma"  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y.  
 "Super Valspar," "Valentine's Muster Painter,"  
 "Valspar"  
 Varcraft Wks., Pottstown, Pa.  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 "Vita-Var"  
 Voltax Co., Bridgeport, Conn.  
 Watson (John R.) Paint Co., 3103 Beaubien, De-  
 troit, Mich.  
 Watson-Standard Co., 225 Galveston Av., Pitts-  
 burgh, Pa. "44," "88"  
 Western Paint & Varnish Co., Duluth, Minn. "Best  
 Quality," "Double Tested"  
 Wetherhill (G. D.) & Co., Phila., Pa.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand  
 Jersey City, N. J. "Cawpaco"  
 Zinsner (Wm.) & Co., 516 W. 59th, New York, N. Y.  
 "Bulls-Eve," "Red Z"

VARNISHES, Asphaltum—See Varnishes

**VARNISHES, Floor**

Berry Bros., Detroit, Mich.  
 Boston Varnish Co. (Everett), Boston, Mass. "Ky-  
 anize"  
 Calbar Paint & Varnish Co., 2612-26 N. Martha,  
 Phila., Pa.  
 Chicago Paint Works, 1330 S. Kilbourn Av., Chi-  
 cago, Ill. "All-Star"  
 Chi-Namel Paint & Varnish Co., 1101 Third, So.,  
 Minneapolis, Minn.  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo.  
 Cromar Co., Williamsport, Pa. "Tone-Phlex"  
 Devoe & Reynolds Co., Inc., 1 W. 47th, New York,  
 N. Y.  
 Dixon (Jos.) Crucible Co., Wayne & Monmouth,  
 Jersey City, N. J.  
 Du Pont (E. I.) de Nemours & Co., Inc., Wilming-  
 ton, Del.

# LIDSEEN OILERS

DURABLE HEAVY STEEL—LEAK PROOF

SECURELY WELDED—SOLDERLESS

Sell on Merit—Satisfy Every User

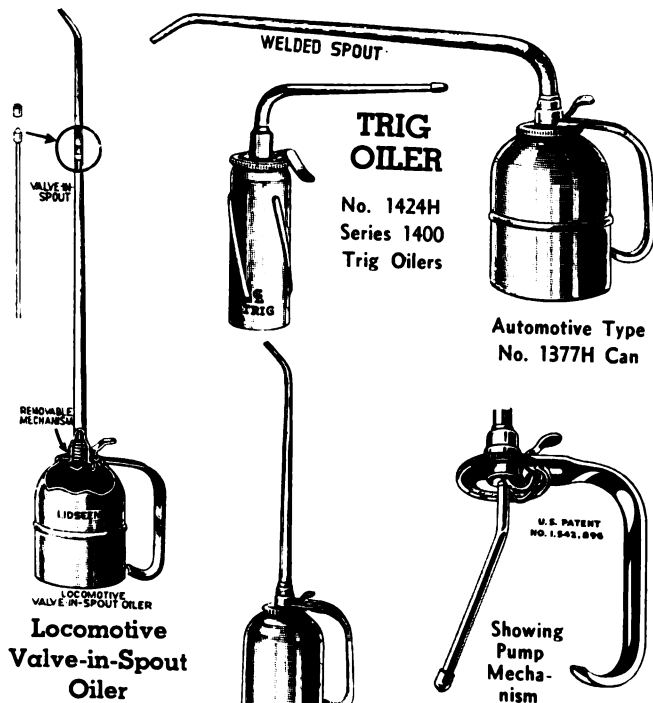
4 Distinctive Types—7 Sizes—9 Spout Lengths



Construction View of Series 1500 Push Bottom Oiler

Series 1500—Push Bottom Oilers

All steel—no solder on entire can. Extra large filler opening with quick - acting flanges. Clock spring insert prevents bottom from being pushed in. 1/3 pt. to 1 pt. capacity.



Series 1700

Popular sellers for railroad use and heavy machinery. 1 and 1 1/2 qt. capacity. 18" or 23" spout lengths.

No. 1354—Series 1300 Pump Oilers  
No mechanism in can. Prime themselves thru extremes in viscosity and temperature. Automotive type have horizontal spouts. 2/3 pt. to 1 1/4 qt. capacity.

## LIDSEEN POSITIVE FORCE FEED OILERS

Series No. 1100

Heavy drawn steel, welded construction. Non-clogging spout, large quickly operated flanged openings for easy filling, and sure grip handles. 1/3 pt. to 1 1/2 qt. capacity.

# GUSTAVE LIDSEEN, Inc.

MANUFACTURER

830-850 SOUTH CENTRAL AVE., CHICAGO, ILL., U. S. A.

*It is profitable to handle the complete 3-M LINE*



Wetordry Household Sandpaper 4 1/2" x 5 1/2"—12 sheets



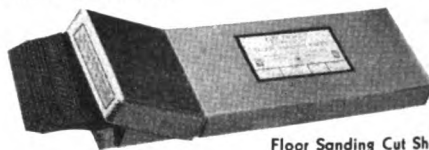
"Sandy Smooth" Household Pkgs. 20 sheets 4 1/2" x 5 1/4"



Boxed Sandpaper—Imperial, Star and Pioneer Brands.



Emery Cloth—Crystal Bay, B-A and Wausau Brands.



Floor Sanding Cut Sheets.



3-M Waterproof Floor Wax.



3-M Floor Sealer.



3-M Furniture Cleaner and Polish.



Scotch Cellulose Tape in Utility Dispenser.



Scotch Decorators Tape. 12 rolls—1" x 10 yds.

Here is a variety of demand items in the 3-M Line which offers many opportunities for sales. Every item enjoys outstanding reputation for quality merchandise.

If you are not handling the complete 3-M Line plan on adding all the items today.

Made and Patented in U. S. A. by  
**MINNESOTA MINING & MFG. COMPANY**  
SAINT PAUL MINNESOTA

The Desire To Serve



The Ability To Produce



## VARNISHES, Floor (Continued)

Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O.  
 "Nucor," "Permadura," "Var-Lin"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 "Floorette"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O.  
 "Coaststone," "Flexible Floor," "Linola," "Surety Bond," "Vi-Va"  
 Lavo Co. of America, 300 N. 7th, Milwaukee, Wis.  
 "Kwikshine," "Lavokote"  
 Lowe Bros. Co., Dayton, O.  
 "Neptunite"  
 McCloskey Varnish Co. (Holmesburg), Phila., Pa.  
 "Kwik-On"  
 McGlone Varnish Co., Revere, Mass.  
 "Watalite"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Martin Varnish Co., Chicago, Ill.  
 Mound City Paint & Color Co., St. Louis, Mo.  
 "Horsehoe"  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind.  
 "O'Brien's T.T.O."  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O.  
 "Olo"  
 Payson Paint & Varnish Corp., 804 E. 141st, New York, N. Y.  
 "Payson's"  
 Peaslee-Gaulbert Paint & Varnish Co., Inc., Louisville, Ky.  
 "Pee Gee"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
 "Hard Knock"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pioneer Mfg. Co., Cleveland, O.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa.  
 "Pitcairn," "Waterspar"  
 Pratt & Lambert, Inc., Buffalo, N. Y.  
 "61"  
 Reifschneider Paint & Glass Co., Omaha, Neb.  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo.  
 "Sewall's"  
 Sherwin-Williams Co., Cleveland, O.  
 Spruance (Gilbert) Co., Richmond & Tioga, Phila., Pa.  
 "Bettercote"  
 Staminite Corp., New Haven, Conn.  
 "Staminite"  
 Standard Varnish Wks., 2589 Richmond Terrace, Staten Island, N. Y.  
 "Elastic," "Koverflor"  
 Stanley Chemical Co., E. Berlin, Conn.  
 "Sparox"  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
 Sterling Varnish Co., Haysville, Pa.  
 "Sterling"  
 Thibaut & Walker Co., 46th Road, Long Island City, N. Y.  
 "Mop-It-On"  
 U. S. Lacquer & Chemical Co., St. Louis, Mo.  
 "U. S."  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y.  
 "Valspar"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 "Vita-Var"  
 Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa.  
 "44," "88"  
 Wetherill (G. D.) & Co., Phila., Pa.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

## VARNISHES, Linoleum

Acme White Lead & Color Wks., Detroit, Mich.  
 Boston Varnish Co. (Everett), Boston, Mass.  
 "Kyanine"  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 "Lin-Flint"  
 Carpenter-Morton Co., Boston, Mass.  
 "Carmote"  
 Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
 Cromar Co., Williamsport, Pa.  
 "Tone-Phlex"  
 Detroit White Lead Wks., Detroit, Mich.  
 "Synthocote"  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O.  
 "Foy's," "Var-Lin"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 "Speedoleum"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O.  
 "Linola"  
 Lowe Bros. Co., Dayton, O.  
 McCloskey Varnish Co. (Holmesburg), Phila., Pa.  
 "Kwik-On"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Martin Varnish Co., Chicago, Ill.  
 "Amber-Lyte"  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 Nu-Enamel Corp., 8709 Kinsman Av., Cleveland, O.  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind.  
 "O'Brien's"  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O.  
 "Olo"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pioneer Mfg. Co., Cleveland, O.  
 "Shino"  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa.  
 "Pitcairn"  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo.  
 "Sewall's"  
 Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O.  
 Sherwin-Williams Co., Cleveland, O.  
 "Dex"  
 Suk (R. J.) Co., New London, Conn.  
 "Lin-O-Gloss"  
 Smith-Alcop Paint & Varnish Co., Terre Haute, Ind.  
 "Lin-O-Var"  
 Staminite Corp., New Haven, Conn.  
 "Staminite"  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
 Sterling Varnish Co., Haysville, Pa.  
 "Sterling"

Thibaut & Walker Co., 46th Road, Long Island City, N. Y.  
 "Mop-It-On"  
 U. S. Lacquer & Chemical Co., St. Louis, Mo.  
 "U. S."  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y.  
 "Valspar"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 "Vita-Var"  
 Watson-Standard Co., 225 Galveston Av., Pittsburgh, Pa.  
 "44," "88"  
 Western Paint & Varnish Co., Duluth, Minn.  
 "Best Quality," "Double Tested," "Linshine"  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

## VARNISHES, Spar

Boston Varnish Co. (Everett), Boston, Mass.  
 Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 Carpenter-Morton Co., Boston, Mass.  
 "Carmote"  
 Chicago Paint Wks., 1332 So. Kilbourn Av., Chicago, Ill.  
 "All-Star," "Chief"  
 Chi-Namel Paint & Varnish Co., 1101 Third, So., Minneapolis, Minn.  
 Con-Ferro Paint & Varnish Co., St. Louis, Mo.  
 Ford Roofing Products Co., 111 W. Washington, Chicago, Ill.  
 Foy Paint Co., Inc., Cincinnati (Norwood), O.  
 "Foy's," "Permadura"  
 Fuller (W. P.) & Co., San Francisco, Cal.  
 Gillespie Varnish Co., 131 Dey, Jersey City, N. J.  
 "Monarch"  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O.  
 "Glidden Spar," "Jap Spar," "Rock Spar"  
 Johnston (R. F.) Paint Co., 3925 Huston Av. (Norwood), Cincinnati, O.  
 "Armor Spar," "Excello," "Surety Bond"  
 Keystone Varnish Co., 71 Otsego, B'klyn, N. Y.  
 Lowe Bros. Co., Dayton, O.  
 "Neptunite"  
 McCloskey Varnish Co. (Holmesburg), Phila., Pa.  
 "Man-O-War"  
 McGlone Varnish Co., Revere, Mass.  
 "Watalite"  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Martin Varnish Co., Chicago, Ill.  
 Morhard (Geo. A.) Co., 1500 Chestnut, Phila., Pa.  
 Murphy Varnish Co., 224 McWhorter, Newark, N. J.  
 "Kauriol"  
 O'Brien Varnish Co., 101 N. Johnson, South Bend, Ind.  
 Paragon Paint & Varnish Co., 5-49 46th Av., Long Island City, N. Y.  
 Passonno-Hutcheon Co., 9808 Meech Av., Cleveland, O.  
 "Olo"  
 Pierce (F. O.) Co., 2-33 50th Av., Long Island City, N. Y.  
 "Dew-All," "Popoco"  
 Pinol Mfg. Co., Inc., Hancock & Berks, Phila., Pa.  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa.  
 "Waterspar"  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.  
 "Generalac"  
 Sewall Paint & Varnish Co., 1009 W. 8th, Kansas City, Mo.  
 "Sewall's"  
 Sherwin-Williams Co., Cleveland, O.  
 Standard Varnish Wks., 2589 Richmond Terrace, Staten Island, N. Y.  
 "Elastic"  
 Stanley Chemical Co., E. Berlin, Conn.  
 "Sparox"  
 Steelcote Mfg. Co., St. Louis, Mo.  
 Sterling Paint & Varnish Co., 184 Commercial, Malden, Mass.  
 Tomlinson Co., Lawrence, Mass.  
 "Tomco"  
 U. S. Lacquer & Chemical Co., St. Louis, Mo.  
 "U. S."  
 Valentine & Co., Inc., 11 E. 36th, New York, N. Y.  
 "Valspar"  
 Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 "Vita-Var"  
 Wetherill (G. D.) & Co., Phila., Pa.  
 Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

## VASES, Coal

Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky.  
 "Falls City"

## VASES, Flower

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. (Indurated Fibre)  
 Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
 Bertels Metal Ware Co., Inc., Kingston, Pa.  
 Evered Co., Frederick, Md.  
 "Evercraft"  
 Reynolds Spring Co., Molded Plastics Div., Jackson, Mich.  
 "Bonnyware"  
 Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

## VASES, Flower, Cemetery

Adams Co., Dubuque, Ia.  
 G. C. A. Mfg. Co., Pittsfield, Mass.  
 Jones (M. D.) Co., West Concord, Mass.  
 Penn Mfg. & Supply Co., Wilkes-Barre, Pa.  
 Perfection Cemetery Vase Co., 525 Bond Bldg., Washington, D. C.  
 "Perfection"  
 Rochester Can Co., Rochester, N. Y.  
 Troy Metal Products Co., 3700 Whittier Blvd., Los Angeles, Cal.

## VASES, Lawn

Radger Wire & Iron Wks., Milwaukee, Wis.  
 Cincinnati Iron Fence Co., Dept. F., 3300 Spring Grove Av., Cincinnati, O.  
 Flake (J. W.) Iron Wks., 78 Park Pl., New York, N. Y.

lonia Pottery Co., Ionia, Mich.  
 Pittsburgh Pottery Co., Pittsburgh, Kan.  
 Powell Pressed Steel Co., Hubbard, O.  
 Rochester Can Co., Rochester, N. Y.  
 "Iron Horse"  
 Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O. (With Reservoir)  
 Swett (A. L.) Iron Wks., Medina, N. Y.  
 United States Glass Co., Pittsburgh, Pa.  
 VAULTING POLES—See Poles, Vaulting  
 VEGETABLE BASKETS—See Baskets, Fruit, Vegetables, Etc.  
 VEGETABLE BINS—See Bins, Vegetable  
 VEGETABLE BOXES—See Boxes, Vegetable  
 VEGETABLE CHOPPERS—See Choppers, Meat and Food  
 VEGETABLE COOKERS—See Cookers, Steam  
 VEGETABLE CORERS—See Corers, Fruit and Vegetable  
 VEGETABLE CUTTERS—See Cutters, Root and Vegetable; also Cutters, Bone; also Choppers, Meat and Food; also Slicers, Fruit and Vegetable  
 VEGETABLE FORKS—See Forks, Vegetable  
 VEGETABLE GRATERS—See Graters, Vegetable, Etc.  
 VEGETABLE JUICE EXTRACTORS—See Extractors, Vegetable, Juice  
 VEGETABLE PARERS—See Parers, Fruit and Vegetable  
 VEGETABLE PICKERS—See Pickers, Fruit, Etc.  
 VEGETABLE PRESSES—See Presses, Vegetable  
 VEGETABLE ROLL CUT MINCERS—See Mincers, Vegetable, Roll Cut  
 VEGETABLE SCOOPS—See Scoops, Grain, Vegetable, Etc.  
 VEGETABLE SEED—See Seed, Garden and Flower  
 VEGETABLE SLICERS—See Slicers, Fruit and Vegetable  
 VEGETABLE SPOONS—See Spoons, Vegetable  
 VEGETABLE STAKES—See Stakes, Nursery and Garden  
 VEGETABLE STRAINERS—See Strainers, Fruit and Vegetable  
 VEGETABLE TWINE—See Twine, Vegetable  
 VEGETABLE WASHERS—See Washers, Fruit and Vegetable  
 VEHICLE WASHERS—See Washers, Vehicle  
 VEHICLES, Children's—See article desired

## VELOCIPEDES

American-National Co., Toledo, O.  
 "Red Wing," "Sampson," "Triangleruss"  
 Auto-Bike Co., 2071 Mills Av. (Norwood), Cincinnati, O.  
 Brown (E. C.) Co., Rochester, N. Y.  
 "Velo-King"  
 Colson Corp., Elyria, O.  
 "Cadet," "Colson," "Fairy"  
 Emblem Mfg. Co., Angola, N. Y.  
 Excelsior Mfg. Co., Michigan City, Ind.  
 "De Luxe"  
 Garton Toy Co., Sheboygan, Wis.  
 "Badger"  
 Gendron Wheel Co., Toledo, O.  
 "Pioneer"  
 Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y.  
 "Rollfast"  
 Hartshorn (C. H.), Inc., Gardner, Mass.  
 Hedstrom-Union Co., Garner, Mass.  
 "Minute Man"  
 Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
 "Iver Johnson"  
 Junior Toy Corp., Hammond, Ind.  
 Monark Silver King, Inc., 1242 N. Homan Av., Chicago, Ill.  
 "Monark Silver King" (Aluminum)  
 Murray-Ohio Mfg. Co., Cleveland, O.  
 "Steelcraft"  
 Real Cycle Co., 807 N. 3rd, Phila., Pa.  
 Siebert (O. W.) Co., 424 Main, Gardner, Mass.  
 Skippy Racers, Inc., Toledo, O.  
 Taylor (Frank F.) Co., Norwood, Cincinnati, O.  
 "Easy Mount"  
 Westfield Mfg. Co., Westfield, Mass.  
 "Columbia"  
 VENETIAN BLIND BRACKETS—See Brackets, Venetian Blind  
 VENETIAN BLIND CLEANERS—See Cleaners, Venetian Blind  
 VENETIAN BLIND CORD—See Cord, Venetian Blind  
 VENETIAN BLIND CORD LOCKS—See Locks, Cord, Venetian Blind  
 VENETIAN BLIND DUSTERS—See Dusters, Venetian Blind  
 VENETIAN BLIND HARDWARE—See Hardware, Venetian Blind  
 VENETIAN BLIND PULLEYS—See Pulleys, Venetian Blind  
 VENETIAN BLIND SLATS—See Slats, Wood, Venetian Blind  
 VENETIAN BLINDS—See Blinds, Venetian  
 VENTILATED TABLE MATS—See Mats, Table, Ventilated  
 VENTILATED TABLE PADS—See Mats, Table, Ventilated  
 VENTILATING GAS RANGE HOODS—See Hoods, Range, Gas, Ventilating  
 VENTILATING SASH LOCKS—See Locks, Sash, Ventilating  
 VENTILATOR GRATES—See Grates, Ventilator

Hooks for Peaveys and Cant Hooks

Swivel Timber Carrier or Lug Hook

Peavey Handled Pickeroon

Improved Patent Peavey—Maple or Hickory Handles Any Style Hook

Peavey Belt Axe

Malleable Clasp Cant Hooks With Extension Toe Rings

Straight Line Peavey with Driven Pick

Bark Spuds Hemlock No. 598

Old Style Bar Spud No. 596

Peavey Pulp Hook

Pick Poles

## FAMOUS P-V LOGGING TOOLS

PEAVEY Tools date back to the 1850's before Abraham Lincoln was president of the U. S. These famous **LOGGING TOOLS** are universally known for their outstanding **quality and performance**.

The big P-V line includes Peaveys, Cant Hooks, Timber Carriers, Pickeroons, Pick Poles, Axes and the widely popular **PEAVEY Cruiser's Axe** and **PEAVEY Belt Hatchet**. Ask your Jobber to supply you. Send for Catalog which illustrates and describes the complete line.

**THE PEAVEY MANUFACTURING CO.**  
**BREWER, MAINE**

Mention Hardware Age When Writing

## VENTILATORS and CUPOLAS, Barn

Allied Steel Products Co., 1407 N. Peoria, Tulsa, Okla.  
Anderson Mfg. Co., Des Moines, Ia. "Tip-Top"  
Badger Corrugating Co., La Crosse, Wis.  
Beatrice Steel Tank Mfg. Co., Beatrice, Neb. "Nu-Way Tip Top," "Tip Top"  
Bernard (Phillip) Co., Sioux City, Ia.  
Braden Mfg. Co., Terre Haute, Ind.  
Clay Equipment Corp., Cedar Falls, Ia.  
Columbian Steel Tank Co., Kansas City, Mo.  
Drew Line Co., Fort Atkinson, Wis.  
Edwards Mfg. Co., Cincinnati, O.  
Franklin Equipment Co., Monticello, Ia.  
Freeland Sons Co., Sturgis, Mich.  
Freeland Steel Tank Co., Portage, Wis. "Star"  
Gardner-Ideal Barn Equipment Co., Horicon, Wis.  
Gardner Mfg. Co., Horicon, Wis. "Ideal"  
Gilbert (Walter B.) & Co., York, Pa. "Pullman"  
Lawkey Pump Co., Fairfield, Ia.  
Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
James Mfg. Co., Fort Atkinson, Wis. "Jamesway"  
Jauer Mfg. Co., Dubuque, Ia. "Perfect"  
Lacrosse Steel Roofing & Corrugating Co., La Crosse, Wis. "La Crosse"  
Libbey (C. A.) Co., Oshkosh, Wis.  
Louden Mch. Co., Fairfield, Ia.  
Makomb Steel Products Co., Macomb, Ill. "Makomb"  
Meyer (F.) & Bro. Co., Peoria, Ill. "Handy"  
Milcor Steel Co., Milwaukee, Wis. "Milcor"  
Mitchell Mfg. Co., Milwaukee, Wis.  
Muskoka & Iowa Steel Tank Co., Omaha, Neb.  
New McCurdy Mfg. Co., Ada, O.  
Oley Mfg. Co., Canton, O. (Ventilators)  
Orth Dakota Metal Culvert Co., Fargo, N. D.  
"Fargo," "Fargo Square"  
Oval Ventilator Co., Phila., Pa.  
St. Paul Corrugating Co., St. Paul, Minn. "Prudent"  
Trauger & Johnson, Inc., Atlantic, Ia. "Chief"  
Implex Brooder Stove Co., Grand Rapids, Mich. "Vent-Rite"  
Sioux Falls Metal Culvert Co., Sioux Falls, S. D.  
"South Dakota"  
Starline, Inc., Harvard, Ill.  
Western Steel & Iron Co., DePere, Wis.

## VENTILATORS, Ceiling

Edwards Mfg. Co., Cincinnati, O.  
Gilbert (Walter B.) & Co., York, Pa.  
Art & Cooley Mfg. Co., Chicago, Ill.  
LG Electric Ventilating Co., Chicago, Ill.  
Independent Register & Mfg. Co., Cleveland, O.  
Guthrie (E. E.) Iron Co., St. Louis, Mo.

## VENTILATORS, Roof, Revolving

Accurate Mfg. Works, 2482 Milwaukee Av., Chicago, Ill. "Accurate"  
Airt Mfg. Co., Akron, O.  
Clay Equipment Corp., Cedar Falls, Ia.  
Connecticut Blower Co., 188 Ann, Hartford, Conn. "Connecticut"  
Hanser Metal Wks., Hagerstown, Md.  
Edwards Mfg. Co., Cincinnati, O.  
Improof Products Co., Inc., 536 E. 138rd. New York N. Y.  
Jordan Mfg. Co., Horicon, Wis. "Ideal"  
Jowers (S. M.) Co., Boston, Mass.  
LG Electric Ventilating Co., Chicago, Ill.  
James Mfg. Co., Fort Atkinson, Wis. "Jamesway"  
Jauer Mfg. Co., Dubuque, Ia. "Faultless"  
Meyer (F.) & Bro. Co., Peoria, Ill. "Handy"  
Milcor Steel Co., Milwaukee, Wis. "Konical," "Milcor Turbine," "Nu-Air," "Nu-Alpina," "Spinner"  
Oley Mfg. Co., Canton, O.  
Parker Foundry Co., Columbus, Ga.  
Penn Metal Ware Co., Wilkes-Barre, Pa. "Hazel"  
Oval Ventilator Co., Phila., Pa.  
Implex Brooder Stove Co., Grand Rapids, Mich. "Air Craft"  
Standard Ventilator Co., Lewisburg, Pa.  
Starline, Inc., Harvard, Ill. "Star"  
Wentworth Co., 18511 Euclid Av., Cleveland, O.  
Washburne (Edw. G.) & Co., 207 Fulton, New York N. Y.

## VENTILATORS, Wall

Chattanooga Implement & Mfg. Co., Chattanooga, Tenn. "Royal"  
Gilbert (Walter B.) & Co., York, Pa.  
LG Electric Ventilating Co., Chicago, Ill.  
Independent Register & Mfg. Co., Cleveland, O.  
Northwest Metal Products, Inc., Seattle, Wash. "Norwesco"  
Hepler (F. W.) Stove Co., Pittsburgh, Pa.  
Kuttile (J. L.) Co., 1015 Franklin Av., Detroit, Mich. "Skuttle Jr."  
Smith (F. A.) Mfg. Co., Inc., 255 N. Union, Rochester, N. Y.  
Parson Electric Co., 255 N. Union, Rochester, N. Y.  
Starline, Inc., Harvard, Ill.  
Wett (A. L.) Iron Wks., Medina, N. Y.  
Victor Electric Products, Inc., 2950 Robertson Av., Cincinnati, O. "In-Bilt"  
Western Steel Products Co., Duluth, Minn.

## VENTILATORS, Window, Cloth

Atkinson Mfg. Co., Ludington, Mich.  
Continental Screen Co., Book Bldg., Detroit, Mich. "Porter"  
Everhard Mfg. Co., Canton, O. "Diamond-E"

Hillsdale Screen Co., Hillsdale, Mich.  
Marvin (W. B.) Mfg. Co., Urbana, O.  
Schumacher (F. E.) Co., Hartsville, O.

## VENTILATORS, Window, Electric

Ad-Lee Co., Inc., 825 S. Wabash Av., Chicago, Ill. "Health-Air"  
Diehl Mfg. Co., Elizabethport, N. J. "Ventilette," "Wind-O-Vent"  
Electrical Devices Mfg. Co., 5401 W. Lake, Chicago, Ill. "Vitalair"  
Electrovent Corp., 5427 Western Av., Detroit, Mich.  
Emerson Electric Mfg. Co., 2015 Wash. Av., St. Louis, Mo. "Sea Breeze"  
Federal Electric Co., 8700 S. State, Chicago, Ill. "Airmaster"  
Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
Forker Corp., 4614 Prospect Av., Cleveland, O.  
General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
General Regulator Corp., 2608 W. Arthington, Chicago, Ill.  
Gilbert (A. C.) Co., New Haven, Conn.  
Hlg Electric Ventilating Co., 2850 N. Crawford, Chicago, Ill. "Hlgair"  
Master Electric Co., Dayton, O. "Master-Rite"  
McLaughlin Ventilator Co., Ferndale, Mich. "Ventrola"  
Peerless Electric Co., Warren, O.  
Signal Electric Mfg. Co., Menominee, Mich. "Signal"  
Smith (F. A.) Mfg. Co., Inc., 255 N. Union, Rochester, N. Y.  
Victor Electric Products, Inc., 2950 Robertson Av., Cincinnati, O. "Clean-Air"  
Viking Air Conditioning Corp., 9500 Richmond Av., S. E., Cleveland, O.  
Weinig-Made-Rite Co., 10750 Berea Rd., Cleveland, O. "America"  
West Wind Corp., Seattle, Wash.

## VENTILATORS, Window, Glass

Atkinson Mfg. Co., Ludington, Mich. "Air-Line," "Air-Way"  
Dearborn Glass Co., 2500 W. 21st, Chicago, Ill.  
Esmco Auto Products Corp., 33 34th, B'klyn, N. Y. "Air-Chief," "Air-King," "Air-Leader"  
Gold Seal Mfg. Co., 20 N. Sangamon, Chicago, Ill.  
Gotham Pressed Steel Corp., 144th & Wales Av., New York, N. Y. "Gotham"  
Ideal Ventilator Co., 160 Atlantic Av., Providence, R. I. "Ideal"  
Jerome Glass Co., 192 N. Clark, Chicago, Ill.  
Marvin (W. B.) Mfg. Co., Urbana, O. "Premier"  
National Screen Co., Inc., Suffolk, Va. "Air-Lite"

## VENTILATORS, Window, Metal

Air-In Mfg. Co., Sellersville, Pa. "Air-In"  
Airlite Co., Marietta, O.  
Atkinson Mfg. Co., Ludington, Mich.  
Continental Screen Co., Book Bldg., Detroit, Mich. "Defektair"  
Everhard Mfg. Co., Canton, O. "Diamond-E"  
Gilbert (Walter B.) & Co., York, Pa. "Erie," "Pullman"  
Hillsdale Screen Co., Hillsdale, Mich.  
Marshall Mfg. Co., 5716 Euclid Av., Cleveland, O. "American Beauty"  
Marvin (W. B.) Mfg. Co., Urbana, O.  
Metalvent Corp., 1333 W. Burleigh, Milwaukee, Wis. "Metalvents" (For Storm Windows)  
National Screen Co., Inc., Suffolk, Va. "Vent-Air"  
Niagara Metal Weather Strip Co., 37 W. Tupper, Buffalo, N. Y. "Dr. Berry"  
Patent Novelty Co., Inc., Fulton, Ill. "Windowvent"  
Plymouth Stamped Metal Co., Gallon, O.  
Schumacher (F. E.) Co., Hartsville, O. "Louver Reddy-Loc"  
Tuttle & Bailey Mfg. Co., 101 Park Av., New York, N. Y.  
V-W Co., 208 Oak, Columbus, O. "V-W"  
Victor Weatherstrip & Ventilator Co., Reading, Pa.

## VENTILATORS, Window, Revolving

Protective Ventilator & Screen Corp., 17 E. 129th, New York, N. Y.

## VENTS, Drum and Burner, Oil

Economic Steel Rack Co., Everett, Mass. "Bell"  
VERMIN EXTERMINATORS—See Exterminators  
Vernier  
VERNIER CALIPERS—See Calipers, Vernier

## VIBRATORS

Allover Mfg. Co., 18th & Flett, Racine, Wis. "All-over," "Vibroette"  
Andis Clipper Co., Racine, Wis. "Beauty Sage"  
Bleedon-Dun Co., 2304 W. Warren, Chicago, Ill. "Multiflex," "Violetta"  
Fitzgerald Mfg. Co., Torrington, Conn. "Star-Rite"  
Grier Co. (P. A.), Cleveland, O. "Royal"  
Gilbert (A. C.) Co., New Haven, Conn. "Polar Cub"  
Hamilton Beach Co., Racine, Wis.  
Knapp-Monarch Co., 3501 Bent Av., St. Louis, Mo. "KM," "Kwikway"  
Master Electric Co., 100 Davis Av., Dayton, O.

National Stamping & Elec. Wks., Chicago, Ill. "White Cross"  
Oster (John) Mfg. Co., Racine, Wis.  
Samson-United Corp., Rochester, N. Y.  
Son-Chief Electric, Inc., Winsted, Conn.  
Wahl Clipper Corp., Sterling, Ill. "Hand-E"  
Weinig-Made-Rite Co., 10750 Berea Rd., Cleveland, O. "America"

## VINE HOOKS—See Hooks, Vine

VINE PRUNERS—See Pruners, Bush and Vine

## VINEGAR PUMPS—See Pumps, Vinegar

WISE and ANVIL, Combined—See Anvil and Vise, Combined

WISE JAW MOLDS—See Molds, Hammer, Soft Metal

WISE STANDS—See Stands, Vise, Portable

WISES, ADJUSTABLE JAW—See Vises, Machinists'  
WISES, Bench—See Vises, Machinists'

## WISES, Blacksmiths'

Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.  
Fisher & Norris, Trenton, N. J. "Fisher"  
Iron City Tool Wks., Pittsburgh, Pa.  
WISES, Carpenters'—See Vises, Woodworkers'

## WISES, Chain Pipe

American Pipe Tool Co., Chicago, Ill.  
Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
Billings & Spencer Co., Hartford, Conn. "Billings"  
Erie Tool Wks., Erie, Pa.  
Greenfield Tap & Die Corp., Greenfield, Mass. "Little Giant"  
Hollands Mfg. Co., Erie, Pa.  
Nye Tool & Mach. Wks., 4120 Fullerton Av., Chicago, Ill.  
Ridge Tool Co., Elyria, O. "Ridgid"  
Trimont Mfg. Co., (Roxbury), Boston, Mass.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan," "Vulcan Superior"  
Yost Mfg. Co., Meadville, Pa.  
WISES, Coach Makers'—See Vises, Woodworkers'

## WISES, Combination, Pipe and Bench

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
Athol Mach. & Fdry. Co., Athol, Mass. "Athol"  
Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich. "Atlas"  
Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.  
Desmond-Stephan Mfg. Co., Urbana, O. "Simplex"  
Hollands Mfg. Co., Erie, Pa. "Keystone"  
International Nutyp Tool Corp., Oswego, N. Y.  
Morgan Vise Co., Chicago, Ill.  
Parker (Chas.) Co., Meriden, Conn. "Parker's"  
Prentiss Vise Co., Little Falls, N. Y. "Blake"  
Reed Mfg. Co., Erie, Pa.  
Rock Island Mfg. Co., Rock Island, Ill.  
Sawyer Fdry. & Machine Works, 244 W. Seneca, Oswego, N. Y. "Nutyp"  
Yost Mfg. Co., Meadville, Pa.

## WISES, Garage & Household

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
American Grinder & Specialty Corp., Fond Du Lac, Wis.  
Athol Mach. & Fdry. Co., Athol, Mass. "Athol"  
Brink & Cotton Mfg. Co., 62 Cherry, Bridgeport, Conn. "B. & C."  
Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.  
Desmond-Stephan Mfg. Co., Urbana, O. "Simplex"  
Ennis Mfg. Co., Reading, Pa.  
Erie Tool Wks., Erie, Pa. "Empire"  
Franklin Tool Co., Buffalo, N. Y.  
General Hdw. Co., Milwaukee, Wis. "Giant Grip"  
Hollands Mfg. Co., Erie, Pa.  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
Luther Grinder & Tool Co., Fond du Lac, Wis.  
Millers Falls Co., Greenfield, Mass.  
Modern Grinder Mfg. Co., Fond du Lac, Wis.  
National Sewing Machine Co., Belvidere, Ill. "Vindex"  
North Bros. Mfg. Co., N. E. cor. American and Lehigh Av., Phila., Pa. "Yankee"  
Parker (Chas.) Co., Meriden, Conn. "Oriole"  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Prentiss Vise Co., Little Falls, N. Y. "Shepard"  
Rock Island Mfg. Co., Rock Island, Ill.  
Stanley Tools Div. of Stanley Works, New Britain, Conn. "Defiance," "Stanley"  
Western Hdw. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Excelair," "Wesco"

## WISES, Hand

Grey Iron Casting Co., Mt. Joy, Pa.  
Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
Lowell Wrench Co., Worcester, Mass.  
Millers Falls Co., Greenfield, Mass.  
Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y. "Bersa" (Swedish)  
Starrett (L. S.) Co., Athol, Mass.  
Wrightsville Hdw. Co., Wrightsville, Pa.  
WISES, Hinged—See Vises, Hinged Pipe




# LADD

## EGG BEATERS

And other good kitchen utensils

UNITED ROYALTIES CORPORATION  
1133 Broadway New York



## WALTON TAP EXTRACTORS

Back Out Broken Taps  
Sizes #4 to 1 1/2"; 2, 3 & 4-flute

THE ACCEPTED STANDARD FOR 32 YEARS

## THE WALTON COMPANY


100 Allyn St. Hartford, Conn.

## TRI-CON LAWN FERTILIZING NOZZLE




A fertilizer applicator, pistol-grip hose nozzle and stationary lawn sprinkler all three combined in handy unit. Tested and approved by leading universities and professionals. In great demand.

## TRI-CON SELF-CLOSING FAUCET



Lock-lever type. For steel drums or barrels—for kerosene, gasoline, oil, turpentine, etc. Saves time and fluid. Tamper proof. 3/4" pipe thread. Write: MOLDED SPECIALTIES CO. 1971 E. 79th St. CLEVELAND OHIO



3 Sizes — 101 Uses

TRADE MARK REG. U.S. PAT. OFF.

## SKOTCH WOOD JOINERS

THEY PULL—CLINCH—HOLD

The outstanding fastener for making, repairing screens, garden furniture, frames, etc.

Ask Your Jobber

SUPERIOR FASTENER CORPORATION  
5224 N. Clark St. Chicago, Ill.

## THE DOORSCOPE

An ingenious device containing a novel feature of "seeing without being seen." Occupant can see who is outside and converse with them without opening door. Protects women and children from intruders and canvassers. Easily installed. Many other models in stock.



Illustrated catalogue on request.

## The DOORSCOPE Co., Inc.

32 Union Square, New York, N. Y.

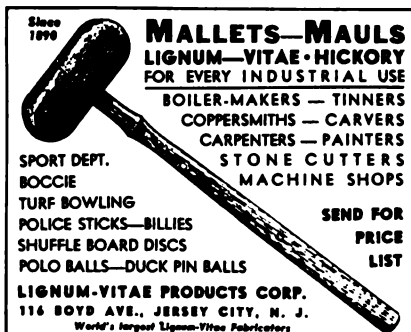
## 3 BIG SELLERS in DURABLE MATS

1. HERRINGBONE WEAVE — Exclusive weave and selected quality. Assures repeat business.
2. STRAIGHT WEAVE — A better Door Mat made to meet price competition.
3. TRI-COLORED MATS — New beauty in 3 colors, made to sell at popular prices.

Sold only through jobbers and dealers.

## DURABLE MAT CO.

777 Brook St., Akron, Ohio



## MALLETS—MAULS

LIGNUM—VITAE—HICKORY FOR EVERY INDUSTRIAL USE

BOILER-MAKERS — TINNERS  
COPPERSMITHS — CARVERS  
CARPENTERS — PAINTERS  
STONE CUTTERS  
MACHINE SHOPS

SPORT DEPT.  
BOCCIE  
TURF BOWLING  
POLICE STICKS—BILLIES  
SHUFFLE BOARD DISCS  
POLO BALLS—DUCK PIN BALLS

LIGNUM-VITAE PRODUCTS CORP.  
116 BOYD AVE., JERSEY CITY, N. J.  
World's Largest Lignum-Vitae Fabricators

SEND FOR PRICE LIST



## HOT WATER

in a Jiffy with

## Hot Donut Electric Heater

PLUGS INTO ANY ELECTRIC OUTLET

Guaranteed—Quick Action—Hundreds of Thousands sold. Steady Seller. Write for Literature. Trade Prices. Low List Price Only.

**\$1.95**

## THE AUTONATOR LABORATORIES, INC.

105 W. Madison Street, Chicago, Ill.

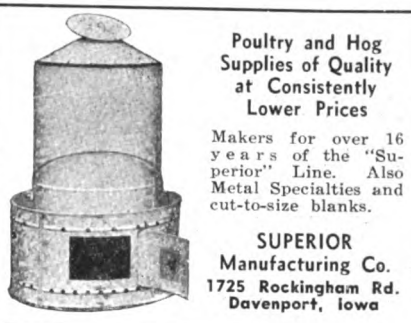
## PERFORATED RUBBER, AUTO TIRE & LINK MATS

BURTON MAT CO., BROOKLYN, N. Y.

Positively the best buys in the Land

Write for Prices

## MORGAN FURNITURE COMPANY



Poultry and Hog Supplies of Quality at Consistently Lower Prices

Makers for over 16 years of the "Superior" Line. Also Metal Specialties and cut-to-size blanks.

## SUPERIOR Manufacturing Co.

1725 Rockingham Rd. Davenport, Iowa

## New Daisy Waterers

HEATED UNHEATED

for HOGS and POULTRY

ALSO SHAW and DAISY CALF WEANERS

BEST FOR 25 YEARS

Write for FREE Circular Mfrd. By

## QUINN WIRE & IRON WORKS

BOONE, IOWA, U.S.A.


## BELMONT

Smelting & Refining Works, Inc.

317 Belmont Avenue, Brooklyn, N. Y.

ANODES: Nickel, Cadmium, Copper, Lead, Zinc  
BABBITT METAL: Genuine, Anti-Friction, #4, etc.  
BISMUTH: Lumps, Powder, Alloys, Mossy, Wire  
CADMIUM: Sticks, Anodes, Balls, Oxide, Powder  
LEAD: Pig, Sheet, Caulking, Antimonial, Wool, Pipe  
MERCURY: Prime Virgin, Redistilled, Triple-Dist.  
SOLDERS: Copper, Iron, Lead, Zinc, Aluminum  
TIN: Pig, Bar, Block, Pipe, Sheet, Powder  
ZINC: Slab, Sheet, Boiler-Plates, Powder

## WITTLIFF BRACES



bring New Life to Wobbly Chairs and Squeaky Beds

Used by Homes, Institutions, Schools, Hospitals, etc. from coast to coast. Simple, sturdy, inexpensive.

Prospects galore every neighborhood. Attractive display creates sales. Write for literature.

## THE WITTLIFF FURNITURE BRACE CO.

4810 Lorain Ave., Cleveland, Ohio.

## WESBAR CAR TOP UTILITY CARRIERS



The original car top utility carriers for boats, skis, fish poles, ladders, and other equipment.

A fast-selling line. Sturdily made to withstand abuse. Equipped with heavy web straps and rust proof fittings. Three inch suction cups make these utility carriers the safe way to transport equipment.

Stock this line. Cash in on national advertising campaign. Write for net prices and detailed data.

## Wesbar Stamping Corp., West Bend, Wis.

## SAMSON CAR MOVERS

## ROWELL ROCKER BEARING CAR MOVER

## ROWELL BOTTOM POUR MELTING LABLES

## ROWELL NON FERROUS MELTING FURNACES

## WATER COOLED PRINTERS MOLDS

# ROWELL

MFG. CO. WISCONSIN

717 North Union Street

Saves HANDS · HOSE · TIME · TEMPER

## MAGIC-RING GARDEN HOSE COUPLING



Every Desirable Feature

- QUICK ON · QUICK OFF
- IT SWIVELS
- WATERTIGHT
- ALL BRASS
- FOR ALL CONNECTIONS

Ask Your Jobber or Write Us

No-Way Coupling Co. Los Angeles, Calif.

## FLUORESCENT LIGHTING

OFFERS BIG NEW PROFITS

Huge new market offers volume sales. We manufacture a complete line of commercial and industrial units.

WRITE FOR FREE CATALOG

## MODERN LIGHTING & EQUIPMENT CO.

1122 South Michigan Ave., Chicago, Illinois

## Little Giant Window Bracket

A practical window platform quickly adjustable to fit any window that raises. Built strong and durable with a tested carrying capacity of 800 to 1000 pounds. Collapsible and convenient to carry.

Provides safety. Indispensable for painters, window cleaners, awning workers, glaziers and others. Enables all users to do better and safer work. Accepted by the Government, as well as State Industrial and Labor Commissions. Steady, profitable seller.

Write for Literature and Trade-prices

## Little Giant Window Bracket Co.

1114 FIRST ST., KNOXVILLE, IOWA

**VICES, Hinged Pipe**

American Pipe Tool Co., Chicago, Ill.  
 Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
 Athol Mach. & Fdry. Co., Athol, Mass. "Athol"  
 Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.  
 Erie Tool Wks., Erie, Pa.  
 Greenfield Tap & Die Corp., Greenfield, Mass. "G T D"  
 Hollands Mfg. Co., Erie, Pa. "Keystone"  
 International Nuttyp Tool Corp., Oswego, N. Y.  
 Millers Falls-Goodell Pratt Co., Greenfield, Mass.  
 Nye Tool & Mach. Wks., 4120 Fullerton Av., Chicago, Ill.  
 Prentiss Vise Co., Little Falls, N. Y. "Blake," "Magic," "Monarch," "Shepard"  
 Reed Mfg. Co., Erie, Pa.  
 Ridge Tool Co., Elyria, O. "Ridgid"  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Saunders (D.) Sons, Yonkers, N. Y.  
 Sawyer Fdry. & Machine Works, 244 W. Seneca, Oswego, N. Y. "Sawyer"  
 Toledo Pipe Threading Mach. Co., Toledo, O.  
 Trimont Mfg. Co., Inc., Roxbury, (Boston), Mass. "Trimo-Alloy"  
 Walworth Co., 60 E. 42nd, New York, N. Y. "Klingfast," "Walworth"  
 Yost Mfg. Co., Meadville, Pa.

**VICES, Household**—See Vises, Garage and Household

**VICES, Jewelers'**

Athol Mach. & Fdry. Co., Athol, Mass. "Athol"  
 Fleming (J. P.), Inc., Worcester, Mass. "Flemco"  
 Lowell Wrench Co., Worcester, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 Phoenix Hdw. Mfg. Co., Buffalo, N. Y.  
 Prentiss Vise Co., Little Falls, N. Y.

**VICES, Machinists'**

American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 American Scale Co., Kansas City, Mo.  
 Athol Mach. & Fdry. Co., Athol, Mass. "Athol"  
 Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich. "Atlas"  
 Chicago Tool & Engineering Co., 3329 So. Chicago Av., Chicago, Ill. "Palmgren"  
 Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.  
 Desmond-Stephan Mfg. Co., Urbana, O. "Simplex"  
 Emmert Mfg. Co., Waynesboro, Pa. "Universal"  
 Erie Tool Wks., Erie, Pa.  
 Hollands Mfg. Co., Erie, Pa.  
 International Nuttyp Tool Corp., Oswego, N. Y.  
 Morgan Vise Co., Chicago, Ill.  
 Parker (Chas.) Co., Meriden, Conn. "Big Bear," "Eclipse," "Parker's," "Superior"  
 Prentiss Vise Co., Little Falls, N. Y. "Bull Dog," "Monarch," "Prentiss," "Rapid Transit"  
 Reed Mfg. Co., Erie, Pa.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Sawyer Fdry. & Machine Works, 244 W. Seneca, Oswego, N. Y. "Sawyer"  
 Western Tool & Mfg. Co., Springfield, O.  
 Yost Mfg. Co., Meadville, Pa.

**VICES, Mitre**

Stanley Tools Div. of Stanley Works, New Britain, "Stanley-Marsh"

**VICES, Pattern Makers'**—See Vises, Woodworkers'

**VICES, Saw Filing**

Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
 Diston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
 Edge (Frank) & Co., Grand Rapids, Mich.  
 Franklin Tool Co., Buffalo, N. Y.  
 Huther Bros. Saw Mfg. Co., Rochester, N. Y.  
 New Britain Mach. Co., New Britain, Conn.  
 Prutton (D. H.) Tool Works, 5295 W. 130th, Cleveland, O. "Ace"  
 Sargent & Co., New Haven, Conn.  
 Simonds Saw & Steel Co., Fitchburg, Mass.  
 Stearns (E. C.) & Co., Syracuse, N. Y. "Stearns Escro"

**VICES, Swivel Base**—See Vises, Machinists'

**VICES, Winding, Fly**

Thomas, A. H., 353 Fifth Av., New York, N. Y. "Thomas"

**VICES, Woodworkers'**

Abernathy Vise & Tool Co., 2814 W. 26th, Chicago, Ill.  
 Athol Mach. & Fdry. Co., Athol, Mass. "Athol"  
 Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich. "Atlas"  
 Boiler (Peter) Machine Wks., 122 N. Aberdeen, Chicago, Ill. "The Carpenter"  
 Brink & Cotton Mfg. Co., 62 Cherry, Bridgeport, Conn. "B. & C."  
 Champion Hdw. Co., Geneva, O.  
 Christiansen, C., 2814 W. 26th, Chicago, Ill. "Abernathy"  
 Columbian Vise & Mfg. Co., 9015 Bessemer Av., Cleveland, O.

Double A Products Co., Inc., Ann Arbor, Mich.  
 Emco Mfg. Co., 784 Gladys Av., Los Angeles, Cal. "Quickvise"  
 Emmert Mfg. Co., Waynesboro, Pa. "Universal"  
 Hollands Mfg. Co., Erie, Pa.  
 Linsley Mfg. Co., 718 Crescent Av., Bridgeport, Conn.  
 Littlestown Hdw. & Fdry. Co., Littlestown, Pa.  
 Metal Products Mfg. Co., 1762 Ramies Av., Seattle, Wash. "Durland"  
 Morgan Vise Co., 108 N. Jefferson, Chicago, Ill.  
 National Sewing Machine Co., Belvidere, Ill. "Vindex"  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Prentiss Vise Co., Little Falls, N. Y. "Bull Dog," "Monarch," "Prentiss," "Shepard"  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Sheldon (E. H.) & Co., Muskegon, Mich.  
 Toles (W. C.) Co., Woodstock, Ill.  
 Yost Mfg. Co., Meadville, Pa.

**VITAMIN B1, For Plants**

American Chemical Paint Co., Ambler, Pa. "Transplantone"  
 Acme Scientific Co., Richmond, Va. "Kene"  
 B1 Loom Laboratories, Toledo, O.  
 Brate (W. C.) Co., Albany, N. Y. "Vita-Bloom"  
 Chateller Laboratories, St. Petersburg, Fla.  
 Doggett-Pfeil Co., Springfield, N. J.  
 Hoffmann-La Roche, Inc., Nutley, N. J.  
 Hy-Grade Colloidal Insecticide Co., Inc., 86-76 109th, Richmond Hill, N. Y.  
 Mackwin Co., 328 E. 3rd, Winona, Minn. "Mackwin"  
 Maclean (Jean) Vitamins, 707 Locust, Des Moines, Ia.  
 Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.  
 Merck & Co., Rahway, N. J.  
 National Oil Products Co., First & Essex, Harrison, N. J. "Vita-Flor"  
 Nutrition Research Laboratories, Inc., 332 S. Michigan Av., Chicago, Ill.  
 Plant Magic Tablets, 707 Locust, Des Moines, Ia.  
 Research Laboratories, 126 State, New Haven, Conn.  
 Rico Products Co., 535 5th Av., New York, N. Y.  
 Rorer (Wm. H.), Inc., 254 S. 4th, Phila., Pa.  
 Shur-Gro Co., 624 Second Av., Pittsburgh, Pa.  
 Sollicide Laboratories, Inc., 8 Laurel Pl., Upper Montclair, N. J. "Tat"  
 Thompson (Wm. T.) Co., 1016 E. Olympic Blvd., Los Angeles, Cal.  
 Vita-Cultur Laboratories, Inc., 600 Sheridan Rd., Evanston, Ill.

**VOLLEY BALL BLADDERS**—See Bladders, Foot Ball, Etc.

**VOLLEY BALL PUMPS**—See Pumps, Foot Ball, Etc.

**VOLLEY BALLS**—See Balls, Volley

**VOLTMETERS, Battery**—See Gages, Battery

**VULCANIZERS, Tire, Portable**

Miller (Chas. E.) Corp., 1403 Main, Anderson, Ind.  
 Schrader's (A.) Son, Div. of Scovill Mfg. Co., Inc., 470 Vanderbilt Av., Bklyn., N. Y.  
 Shaler Co., Waupun, Wis. "5-Minute," "Vul-Kit"

**WADERS, Fishermen's**

Arco Sport Shoe Corp., Marathon, N. Y.  
 Hodgman Rubber Co., Framingham, Mass. "Zephyrweight"  
 Hood Rubber Co., Inc., Watertown, Mass.  
 Mills (Wm.) & Son, 21 Park Pl., New York, N. Y.  
 Snyder (M. L.) & Son, 1815-76 E. York, Phila., Pa. "Stowaway"  
 Whall (Dick) Camp Goods Co., Athol, Mass. "Champion"

**WADING POOLS**—See Pools, Wading

**WADS, Shot Shell**

Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Av., Bridgeport, Conn.  
 Remington Arms Co., Inc., Bridgeport, Conn.  
 Western Cartridge Co., East Alton, Ill. "Seal-Tite"  
 Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

**WAFFLE IRONS**—See Irons, Waffle

**WAFFLE SETS**—See Sets, Waffle

**WAGON AXLES**—See Axles, Carriage, Wagon, etc.

**WAGON BOX STAPLES**—See Staples, Wagon Box

**WAGON CLEAVISES**—See Cleavises, Wagon

**WAGON CLIPS**—See Clips, Axle, Carriage and Wagon

**WAGON COAL CHUTES**—See Chutes, Wagon, Coal

**WAGON COVERS**—See Covers, Wagon

**WAGON DOUBLETREES**—See Singletrees and Doubletrees, Plow and Wagon

**WAGON DUMP ENDGATES**—See Endgates, Wagon Dump

**WAGON HARDWARE**—See Carriage and Wagon Hardware

**WAGON HUBS**—See Hubs, Carriage & Wagon, Wood

**WAGON LANTERNS**—See Lanterns, Wagon

**WAGON RIMS**—See Rims, Carriage & Wagon Wheel

**WAGON SHAFTS**—See Shafts, Buggy, Carriage & Wagon

**WAGON SINGLETREES**—See Singletrees and Doubletrees, Plow and Wagon

**WAGON SKEINS**—See Carriage and Wagon Hardware

**WAGON SPOKES**—See Spokes, Wagon  
**WAGON UMBRELLAS**—See Umbrellas, Beach, Lawn, Wagon, Etc.

**WAGON WHEELS**—See Wheels, Wagon

**WAGONS, Coaster, Juvenile**

Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Flexy Racer"  
 American-National Co., Toledo, O. "Silent"  
 Auto-Wheel Coaster Co., Inc., North Tonawanda, N. Y. "Lucky Boy," "Red Racer"  
 Drees (Con F.) Mfg. Co., Covington, O.  
 Garton Toy Co., Sheboygan, Wis. "Badger," "Dreadnaught," "Taxi Cab Jr."  
 Gendron Wheel Co., Toledo, O. "Bull Dog"  
 Hamilton Steel Products, Inc., 1815 74th, Chicago, Ill. "Greyhound"  
 Jahan & Co., 626 E. Exchange, Akron, O. "Air-line"  
 Kokomo Specialties Mfg. Co., Kokomo, Ind.  
 Lullaby Furniture Corp., Stevens Pt., Wis. "Golden Arrow"  
 Marlin Carriage Corp., New Haven, Conn.  
 Murray-Ohio Mfg. Co., Cleveland, O. "Playboy," "Steelcraft"  
 Paris Mfg. Co., South Paris, Me.  
 Pines Winterfront Co., 1135 No. Cicero Av., Chicago, Ill. "Glider"  
 Radio Steel & Mfg. Co., 6515 W. Grand Av., Chicago, Ill. "American Beauty," "Highway King," "Pal-O-Mine," "Radio Flyer," "Radio Giant Flyer," "Radio Special," "Rex," "Rex Express"  
 Schiller Piano Co., Oregon, Ill. "Aero"  
 Skippy Racers, Inc., Toledo, O.  
 Smith (S. A.) Mfg. Co., Brattleboro, Vt.  
 South Bend Toy Mfg. Co., South Bend, Ind. "Standard"  
 Standard Novelty Works, Duncannon, Pa.  
 Steel Stamping Co., Lorain, O.  
 Taylor (Frank F.) Co., Norwood, Cincinnati, O. "Taylor-Tot," "Taylor-Wag"  
 Thompson (O. E.) & Sons, Ypsilanti, Mich. "Rolls Racer"

**WAGONS, Farm**

Bernard (A. M.) Wagon Wks., Inc., New Iberia, La.  
 Buerkens Mfg. Co., Pella, Ia.  
 Electric Wheel Co., 1300 N. 28th, Quincy, Ill.  
 Empire Mfg. Co., Quincy, Ill.  
 Grain King Mfg. Co., St. Paul, Minn.  
 Havana Metal Wheel Co., Havana, Ill.  
 International Harvester Co., Inc., 180 N. Michigan Av., Chicago, Ill. "McCormick-Deering," "McCormick-Deering Weber," "Sterling"  
 Knapheide (Henry) Wagon Co., Quincy, Ill.  
 Kramer Wagon Co., Oil City, Pa.  
 Massey-Harris Co., Racine, Wis. "Pekin Standard"  
 Piedmont Wagon & Mfg. Co., Hickory, N. C.  
 Sargent, Osgood & Roundy, Randolph, Vt. "Little Gem"  
 Springfield Wagon & Trailer Co., Springfield, Mo.  
 "Bain," "Pekin"  
 Thornhill Wagon Co., Lynchburg, Va.  
 Turney (Joel) & Co., Fairfield, Ia.  
**WAITERS, Dumb**—See Dumb-Waiter  
**WALK GATES**—See Fence and Gates, Lawn  
**WALK SCRAPERS**—See Cleaners, Sidewalk

**WALKERS, Baby**

American-National Co., Toledo, O.  
 Auto-Wheel Coaster Co., Inc., No. Tonawanda, N. Y. (Auto)  
 Baker (W. J.) Co., Newport, Ky. "Roll-A-Bi"  
 Gem Mfg. Corp., Bascom, O.  
 Gendron Wheel Co., Toledo, O. "Pioneer"  
 Hedstrom-Union Co., Gardner, Mass. "Kiddie Tender"  
 Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
 Lynch (D. W.) Co., Inc., Lancaster, Pa.  
 Mam-A-Car Mfg. Co., Inc., Coudersport, Pa.  
 Perfection Mfg. Co., St. Louis, Mo. "Rock-A-Bye"  
 Rockaway Mfg. Co., Cincinnati, O. "Safety Walker"  
 Taylor (Frank F.) Co., Norwood, Cincinnati, O. "Taylor Tot"  
 Tothill, W. S., Chicago, Ill.  
**WALKING CORN AND COTTON PLANTERS**—See Planters, Corn and Cotton, Walking  
**WALKING PLOWS**—See Plows, Walking  
**WALL ANCHORS**—See Anchors, Stone, Wall and Joist Wall  
**WALLBOARD NAILS**—See Nails, Wallboard  
**WALLBOARDS**—See Boards, Wall  
**WALL BRACKETS**—See Brackets, Wall  
**WALL CHISELS**—See Chisels, Brick and Wall  
**WALL COATINGS**—See Coatings, Wall; also Kalsomine  
**WALL COVERING**—See Covering, Wall  
**WALL CRACK SCRAPERS**—See Scrapers, Crack, Wall & Ceiling  
**WALL ELEVATORS**—See Dumb-Waiters  
**WALL LANTERNS**—See Lanterns, Wall  
**WALL PAINTS**—See Paints, Wall; also see Kalsomine and Coatings, Wall  
**WALL PAPER**—See Paper, Wall  
**WALL PAPER CLEANERS**—See Cleaners, Wall Paper  
**WALL PAPER REMOVERS**—See Removers, Wall Paper



THIS LABEL PROTECTS YOU  
as well as  
YOUR CUSTOMERS

First of all, this nationally known label assures a better glass—a glass that is less brittle, and therefore easier to cut with consequent less breakage loss. From your standpoint, it saves you money and therefore increases your margin of profit. Besides, it is more satisfactory to handle.


From your customers' viewpoint, L·O·F Quality Glass is clearer, has more even surfaces, and in every way means better outlook for the householder. Selling this quality glass means satisfied customers.

. . .

Standardize on L·O·F Quality Glass and leave the labels on. Years of consistent national advertising have made it a symbol of Quality in the minds of millions. It protects YOU as well as YOUR CUSTOMERS. L·O·F Glass Distributors, located in most cities, are equipped to render you prompt and efficient service at all times.

Libbey·Owens·Ford Glass Company . . . Toledo, Ohio.

**LIBBEY·OWENS·FORD**  
**QUALITY GLASS**

Mention Hardware Age When Writing 



WALL PRIMERS—See Primers, Wall  
WALL REGISTERS—See Registers, Hot Air  
WALL SAFES—See Safes, Wall  
WALL SCRAPERS—See Scrapers, Wall  
WALL SCREW PLUGS—See Anchors, Screw  
WALL SIZE—See Size, Wall  
WALL TIES—See Ties, Wall  
WALL TILE—See Tile, Roofing and Wall  
WALL VENTILATORS—See Ventilators, Wall  
WALLS, Metal—See Ceilings, Metal  
WANTAGE RODS—See Rods, Barrel and Wantage  
WARDROBE FIXTURES—See Fixtures, Wardrobe  
WARDROBE HARDWARE—See Fixtures, Wardrobe  
WARDROBE LOCKS—See Locks, Desk and Drawer  
WARDROBES—See Lockers, Steel

## WARDROBES, Mothproof

Decorative Cabinet Corp., 261 Fifth Av., New York, N. Y. "Curv-A-Dor," "E-Z-Do Rol-A-Dor"  
Odora Co., Inc., 525 W. 25th, New York, N. Y. "Odora-Matic"

WARE, Agate—See Ware, Enameled

## WARE, Aluminum

(See also article desired)

Advance Aluminum Castings Corp., 2742 W. 36th Place, Chicago, Ill. "Art Cast," "Super-Maid"  
Aluminum Cooking Utensil Co., New Kensington, Pa. "Beacon Ware," "Wear-Ever"  
Aluminum Goods Mfg. Co., Manitowoc, Wis. "Comet," "Dixie Queen," "Mirro," "Sturdy," "Viko"  
Aluminum Products Co., La Grange, Ill. "Life-time," "Thermaware"  
Aluminum Specialty Co., Manitowoc, Wis.  
American Aluminum Mfg. Co., Lemont, Ill. "American Maid," "Crescent," "Pure Aluminum"  
American Aluminum Ware Co., 374 Jelliff Av., Newark, N. J. "Better Ware," "Peerless"  
Bremer Aluminum Corp., New Washington, O. "Dr. Koch"  
Buckeye Aluminum Co., Wooster, O. "Aluminex," "Buckeye"  
Club Aluminum Products Co., 1238 Fullerton Av., Chicago, Ill. "Club Aluminum"  
Enterprise Aluminum Co., Massillon, O. "Century," "Enterprise"  
Graves-Pierce Mfg. Co., Inc., Friendship, N. Y.  
Griswold Mfg. Co., Erie, Pa. "Aristocrat," "Griswold"  
Illinois Pure Aluminum Co., Lemont, Ill. "American Maid," "Crescent," "Walker-Ware"  
Kewaskum Aluminum Co., Kewaskum, Wis. "Kewaskum," "Superior," "Vogue De Luxe"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Leyse Aluminum Co., Kewanee, Wis. "Priscilla"  
Massillon Aluminum Co., Massillon, O. "Betty Bright," "Bluebird"  
Monarch Aluminum Mfg. Co., 3301 Detroit Av., Cleveland, O. "Monarcast," "Modern"  
National Aluminum Mfg. Co., Peoria, Ill. "Health," "Hevi-Cast Hotel," "Super-Cast"  
National Pressure Cooker Co., Eau Claire, Wis. "National"  
Process Metal Corp., Lockport, N. Y. "Krom-Alume"  
Sterling Aluminum Co., Erie, Pa.  
Swartzbaugh Mfg. Co., Toledo, O. "Ideal"  
Wagner Mfg. Co., Sidney, O. "Wagnerware"  
West Bend Aluminum Co., West Bend, Wis. "Badger," "Cooksbest," "West Bend"  
Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

## WARE, Aluminum, Sets, Toy

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Aluminum Specialty Co., Manitowoc, Wis.  
Carrollton Metal Products Co., Carrollton, O. "Like Mother's," "Polly Perk"  
Wagner Mfg. Co., Sidney, O.

## WARE, China

Bonita Glass Co., Huntington, W. Va.  
Brush Pottery Co., Zanesville, O. "Mitusa"  
Buffalo Pottery, 1456 Seneca, Buffalo, N. Y.  
Canonsburg Pottery Co., Canonsburg, Pa.  
Carson Grocery Co., 734 15th, Denver, Colo. "Cook-Serv"  
Cavitt-Shaw Pottery, East Palestine, O.  
Coors Porcelain Co., Golden, Colo.  
Crown China Co., Minerva, O.  
Crooksville China Co., Crooksville, O.  
Fraunfelder China Co., Zanesville, O.  
French Saxon China Co., Sebring, O.  
George (W. S.), Pottery Co., East Palestine, O.  
Gladding McBean & Co., 2901 Los Feliz Blvd., Los Angeles, Cal. "Franciscan"  
Hall China Co., East Liverpool, O.  
Harker Pottery Co., East Liverpool, O. "Hotoven"  
Hull (A. E.) Pottery Co., Crooksville, O.  
Iroquois China Co., 2320 Milton Av., Syracuse, N. Y. "Iroquois"  
Knowles (Edwin M.) China Co., E. Liverpool, O.  
Laughlin (Homer) China Co., Newell, W. Va. "Mexicana," "Ovenserve"  
Limoges China Co., Sebring, O.

Mayer China Co., Beaver Falls, Pa.  
Metlox Mfg. Co., 1200 Morningside Drive, Manhattan Beach, Cal.  
Onelda Ltd., Onelda, N. Y. "Community"  
Onondaga Pottery Co., 1858 W. Fayette, Syracuse, N. Y. "Syracuse"  
Paden City Pottery Co., Padon City, W. Va.  
River (James) Pottery, Inc., Richmond, Va.  
Salem China Co., Salem, O. "Briar Rose," "New Tricornie," "Streamline," "Smart New Yorker"  
Scammell China Co., Trenton, N. J.  
Scio-Ohio Pottery Co., Scio, O.  
Sebring Pottery Co., Sebring, O.  
Steubenville Pottery Co., Steubenville, O.  
Taylor, Smith & Taylor Co., East Liverpool, O.  
Thompson (C. C.) Pottery Co., East Liverpool, O.  
Warwick China Co., Wheeling, W. Va.  
Wellsville China Co., Wellsville, O.  
Wyllie (H. B.) China Co., Huntington, W. Va. "Jade," "Old Spanish," "San Gb"

## WARE, Chrome, Nickel

Carrollton Metal Products Co., Carrollton, O. "Carlton"  
Lalanc & Grosjean Corp., Woodhaven, L. I., N. Y. "Crusader Ware"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Polar Ware Co., Sheboygan, Wis.

## WARE, Copper

Atlantic Stamping Co., Rochester, N. Y.  
Burton (W. J.) Co., Detroit, Mich.  
Federal Enameling & Stamping Co., McKees Rocks, Pa.  
Kreamer, A., 307 Kent Av., B'klyn, N. Y.  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
Metal Ware Corp., Two Rivers, Wis. "Pilgrim Ware"  
Picking (D.) & Co., Bucyrus, O.  
Ray (Geo. A.) Mfg. Co., Buffalo, N. Y.  
Richardson (M. A.), Inc., 2984 W. Lake, Chicago, Ill.  
Robeson-Rochester Corp., Rochester, N. Y.  
Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
Sterling Aluminum Co., Erie, Pa.  
West Bend Aluminum Co., West Bend, Wis.

## WARE, Dinner, Colored and Crystal

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
Corning Glass Works, Corning, N. Y. "Chinex," "Monax"  
Duncan & Miller Glass Co., Washington, Pa.  
Jeannette Glass Co., Jeannette, Pa.  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
MacBeth-Evans Glass Co. Div. Corning Glass Wks., Charleroi, Pa.

## WARE, Earthen, Kitchen

Bauer (J. A.) Pottery Co., 415 W. Av. 33, Los Angeles, Cal. "Monterey"  
Camark Pottery Co., Camden, Ark.  
Canonsburg Pottery Co., Canonsburg, Pa.  
Cavitt-Shaw Pottery, East Palestine, O.  
Gladding McBean & Co., 2901 Los Feliz Blvd., Los Angeles, Cal. "Franciscan"  
Haeger Pottery, Inc., Dundee, Ill.  
Harker Pottery Co., East Liverpool, O.  
Hull (A. E.) Pottery Co., Crooksville, O.  
Knowles (Edwin M.) China Co., East Liverpool, O.  
Laughlin (Homer) China Co., Newell, W. Va.  
Limoges China Co., Sebring, O.  
Metlox Mfg. Co., 1200 Morningside Drive, Manhattan Beach, Cal.  
Roeville Pottery Co., Zanesville, O.  
Salem China Co., Salem, O.  
Sebring Pottery Co., Sebring, O.  
Universal Pottery, Inc., Cambridge, O. "Oxford"

## WARE, Enameled

(See also article desired)

Bellaire Enamel Co., Bellaire, O. "American Beauty," "Beco," "Duro," "Princess"  
Belmont Stamping & Enameling Co., New Philadelphia, O. "Electra"  
Canton Stamping & Enameling Co., Canton, O. "French"  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
Columbian Enameling & Stamping Co., Terre Haute, Ind. "Cesco," "Hoosier Gray," "Onvx," "Porcelite," "Red-Rock," "Sanitrox," "White Rock" (Stainless)  
Federal Enameling & Stamping Co., McKees Rocks, Pa. "Federal Five Star," "Old Holland," "Wear-Proof" (Chip-Proof Stainless)  
Fletcher Enamel Co., Dunbar, W. Va. "Fletcher"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
Marietta Hollow Ware & Enameling Co., Marietta, Pa.  
Moore Enameling & Mfg. Co., West Lafayette, O. "Enamart," "Marblart," "Memco Decorated," "Memco Standard," "Moore"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco," "Nesco Stainless," "Royal Granite"  
Polar Ware Co., Sheboygan, Wis.

Reed Mfg. Co., Newark, N. Y.  
Republic Stamping & Enameling Co., Canton, O. "Republic Dove Tone," "Republic Gray," "Republic Ivory," "Republic White"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Strong Mfg. Co., Sebring, O. "Strong" (Stainless)  
United States Stamping Co., Moundsville, W. Va. "Standard White," "U. S. Gray," "U. S. Ivory," "U. S. Stainless," "White Granite"  
Vollrath Co., Sheboygan, Wis. "Kook-King," "Queens Ware," "Tri-Coat"

## WARE, Fibre

Almo Trading & Importing Co., Inc., 3 W. 18th, New York, N. Y. (Imported) (Indurated Fibre)

## WARE, Galvanized

(See also article desired)

American Can Co., 230 Park Av., New York, N. Y.  
Atlantic Stamping Co., Rochester, N. Y.  
Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boyco"  
Cincinnati Galvanizing Co., Cincinnati, O.  
Crunden (Martin) Mfg. Co., St. Louis, Mo.  
Dover Stamping & Mfg. Co., Cambridge, Mass.  
General Metalware Co., Minneapolis, Minn. "Martintware"  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
Hillson (H. M.) Co., 113 Lincoln, Boston, Mass.  
Huffman Mfg. Co., Dayton, O.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Reed Mfg. Co., Newark, N. Y.  
Reeves Steel & Mfg. Co., Dover, O.  
Richardson (M. A.), Inc., 2934 W. Lake, Chicago, Ill.  
Rochester Can Co., Rochester, N. Y.  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schluster Mfg. Co., St. Louis, Mo. "De Luxe"  
Sexton Can Co., Everett, Mass.  
Sheet Metal Specialty Co., Follansbee, W. Va.  
Wheeling Corrugating Co., Wheeling, W. Va.  
Witt Cornice Co., 2114 Winchell Av., Cincinnati, O.

## WARE, Glass, Bar, Hotel, Soda Fountain and Hospital

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
Bonita Glass Co., Huntington, W. Va.  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
MacBeth-Evans Glass Co. Div. Corning Glass Wks., Charleroi, Pa.  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Tegco"

## WARE, Glass, Industrial

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
MacBeth-Evans Glass Co. Div. Corning Glass Wks., Charleroi, Pa.

## WARE, Glass, Kitchen

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O. "Vitrock"  
Hocking Glass Co., Lancaster, O.  
McKee Glass Co., Jeannette, Pa. "De Luxe," "Glasbake"  
MacBeth-Evans Glass Co. Div. Corning Glass Wks., Charleroi, Pa.  
United States Glass Co., Pittsburgh, Pa.

## WARE, Glass, Refrigerator

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O.  
Corning Glass Wks., Corning, N. Y. "Pyrex"  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
Scurlock Kontanerette Corp., Merchandise Mart, Chicago, Ill. "Kontanerette"  
Sneath Glass Co., Hartford City, Ind.

## WARE, Glass, Table

Anchor Hocking Glass Corp., 100 Fisher, Lancaster, O. "Coronation," "Lake Como," "Manhattan," "Mayfair," "Queen Mary"  
Bonita Glass Co., Huntington, W. Va.  
Cambridge Glass Co., Cambridge, O.  
Corning Glass Works, Corning, N. Y. "Corning"  
Dunbar Glass Corp., Dunbar, W. Va.  
Duncan & Miller Glass Co., Washington, Pa.  
Federal Glass Co., Columbus, O. "Golden Glow"  
Fenton Art Glass Co., Williamstown, W. Va.  
Fostoria Glass Co., Moundsville, W. Va.  
Gillinder & Sons, Phila., Pa.  
Hazel Atlas Glass Co., Wheeling, W. Va.  
Helsay (A. H.) & Co., Newark, O.  
Imperial Glass Co., Bellaire, O. "Nucut"  
Indiana Glass Co., Dunkirk, Ind.  
Jeannette Glass Co., Jeannette, Pa. (Colored)  
Libbey Glass Co., Ash, & W. E. & L. R. R., Toledo, O.  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
MacBeth-Evans Glass Co. Div. Corning Glass Wks., Charleroi, Pa. "Monax"  
Marsden (J. E.) Glass Wks., Inc., Ambler, Pa.  
New Martinsville Glass Mfg. Co., New Martinsville, W. Va.  
Potomac Glass Co., Cumberland, Md.

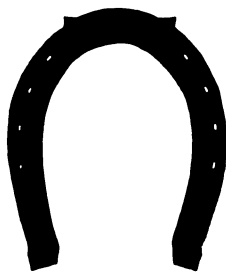
**DIAMALLOY****Adjustable WRENCHES**

Made of special alloy steel.—Twice as strong yet a third thinner and lighter than standard pattern. Will fit in small places and withstand severest possible strain without damage.

Furnished chrome nickel plated with sides of head buffed to a high, beautiful lustre. Handle has soft, velvety finish—pleasing to hold—not slippery.

**DIAMOND****PITCHING HORSESHOES**

Conform to all requirements of National Horseshoe Pitchers Association. Four different models. Will not chip or break. Furnished in pairs in cardboard boxes or outfits of four shoes and two stakes in sturdy wooden boxes shown above. Also a complete line of accessories.

**DIAMOND  
Heeled and Toed  
HORSESHOES**

Ready to nail Bronco, Prairie or Cowboy Shoes. Light, yet strong, tough, long wearing. Perfectly balanced, and shaped to fit the average horse's foot without alteration.

**DIAMOND FENCE TOOLS**

For use on metal or wood posts. No other tool needed. Heavy lock-joint construction with oval faced jaws—starting and pulling point on one jaw—corrugated hammer head on other—good staple puller and wire splicer in front.

*Write for  
New Catalogs!*

**DIAMOND CALK  
HORSESHOE CO.**

4622 GRAND AVENUE  
DULUTH, MINN.

**DIAMOND****Combination PLIERS**

Made in many patterns and finishes—slip-joint style—cutting pliers—needle nose pliers, thin and bent nose pliers, and special tools such as motor pump and battery pliers. Also striking counter displays holding actual pliers.

**DIAMOND  
HOOKS, PICKS  
AND MATTOCKS**

Diamond Hooks are made in round hook with twisted or straight eye, and grab hook styles—many sizes—famed for quality of finish of the

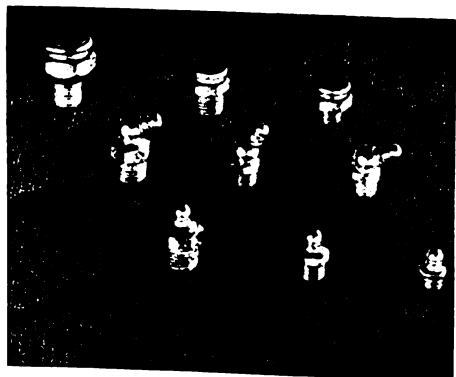
forging and for their high tensile strength.

Diamond Picks and Mattocks drop forged from highest grade steel, scientifically heat treated—oil tempered—made in many models and sizes.—Write!

# Get Your Share of the Business That Exists for LINCOLN GREASE GUNS and FITTINGS

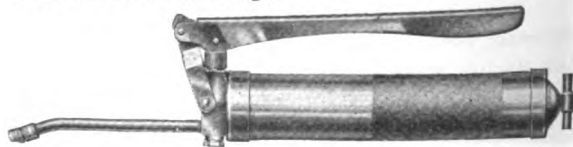
Many hardware dealers and farm equipment dealers have built profitable lubrication equipment business with the Lincoln line.

Lincoln manufactures a wide range of Grease Guns and KLEENSEAL Fittings to meet every lubrication service need. The fact that many leading manufacturers of industrial machinery, farm machinery, tractors, trucks, and passenger cars have standardized on Lincoln Guns and Fittings assures a ready acceptance and a profitable market.

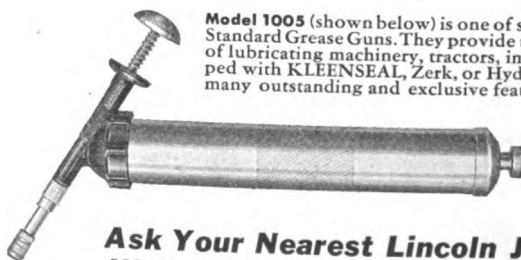


Lincoln manufactures KLEENSEAL Fittings, Pin-Type Fittings, and Button Head Fittings in a full range of sizes. A few of the most popular Fittings are shown above.

Model 1081 KLEENSEAL Lever Gun (shown below) is designed for lubrication of industrial machinery, automobiles, tractors, implements, and farm machinery. This Gun develops high pressures with little effort. . . . Fills easily by suction and has a capacity of 17 ozs. Other Lincoln Lever-Type Guns are also available in both high-pressure and volume types with attachments for push-type, pin-type, and button head fittings.



Model 1005 (shown below) is one of several models of KLEENSEAL Standard Grease Guns. They provide the fastest and cleanest method of lubricating machinery, tractors, implements, and vehicles equipped with KLEENSEAL, Zerk, or Hydraulic fittings. Because of their many outstanding and exclusive features, they have been adopted as Standard equipment by many leading manufacturers. Available in capacities ranging from 3½ to 18 ounces.



**Ask Your Nearest Lincoln Jobber or  
Write Us for Complete Information**

**LINCOLN ENGINEERING COMPANY**  
PIONEER BUILDERS OF LUBRICATING EQUIPMENT  
GENERAL OFFICES: ST. LOUIS, MO. FACTORIES: ST. LOUIS, MO.

**WARE, Glass, Table (Continued)**

Seneca Glass Co., Morgantown, W. Va.  
Technical Glass Co., Inc., 2050 E. 48th, Los Angeles, Cal. "Tegco"  
United States Glass Co., Pittsburgh, Pa.

**WARE, Hollow, Cast Iron**

Birmingham Stove & Range Co., Birmingham, Ala.  
Chicago Hdw. Fdry. Co., No. Chicago, Ill. "Favorite," "Saniware"  
Foster Stove Co., Ironton, O.  
Glascok Stove & Mfg. Co., Greensboro, N. C.  
Gray & Dudley Co., Nashville, Tenn.  
Griswold Mfg. Co., Erie, Pa. "Chrome," "Du-Chro," "Shiny Black," "Silverlike"  
Jones Hollow Ware Co., Baltimore, Md.  
King Stove & Range Co., Sheffield, Ala. "Perfection"  
Laurelton Foundry Co., Laurelton, Pa.  
Lodge Mfg. Co., S. Pittsburgh, Tenn.  
Marietta Hollow Ware & Enameling Co., Marietta, Pa.  
Vollrath Co., Sheboygan, Wis.  
Wagner Mfg. Co., Fair Av., Sidney, O.

**WARE, Japanned**

Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
"Cream City"  
Kremer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
"Kremerware"  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
Louisville Tin & Stove Co., Louisville, Ky.  
National Can Co., Inc., 110 E. 42nd, New York, N. Y. "Empeco"  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Garden Girl," "Kitchen Vogue," "Nesco"  
Peoria Metal Specialty Co., Peoria, Ill.  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "DeLuxe"  
Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"

**WARE, Kitchen—See article desired**

**WARE, Kitchen, Stainless Steel**

Carrollton Metal Products Co., Carrollton, O. "Carlton"  
Lalanc & Grosjean Corp., Woodhaven, L. I., N. Y.  
Polar Ware Co., Sheboygan, Wis.  
Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
Stainless Steel, Inc., Kewaskum, Wis. "Purity"  
Stainless Steel Products Co., La Grange, Ill. "Lifetime"  
Steelmiths, Inc., Meriden, Conn. "Servet"  
Vollrath Co., Sheboygan, Wis.

**WARE, Molded, Plastic**

Insulation Mfg. Co., 11 New York Av., B'klyn, N. Y. "Starkware"  
Northern Industrial Chemical Co., 10 Elkins, Boston, Mass. "Beetleware"  
Norton Laboratories & Mfg. Co., Lockport, N. Y.  
Reynolds Spring Co., Molded Plastics Div., Jackson, Mich. "Bonnyware"  
Richardson Co., Lockland, O. "Richelain"  
Watertown Mfg. Co., Watertown, Conn.

**WARE, Oven, Earthen**

(See also article desired)  
Brush Pottery Co., Zanesville, O.  
Crooksville China Co., Crooksville, O. "Pantry Bak-in Ware"  
Guernseyware Co., Cambridge, O.  
Haeger Potteries Co., Dundee, Ill.  
Hall China Co., East Liverpool, O.  
Harker Pottery Co., E. Liverpool, O. "Bakerite," "Hotoven"  
Hall (A. E.) Pottery Co., Crooksville, O.  
Laughlin (Homer) China Co., Newell, W. Va. "Ovenerve"  
Metlox Mfg. Co., 1200 Morningside Drive, Manhattan Beach, Cal.  
Morton Pottery Co., Morton, Ill.  
Pacific Clay Products Co., 1151 S. Bway., Los Angeles, Cal.  
Pottery Guild, 26 W. 23rd, New York, N. Y.  
Rumrill Pottery Co., Little Rock, Ark. "Rumrill"  
Uhl Pottery Co., Huntingburg, Ind.  
Universal Potteries, Inc., Cambridge, O. "Oxford"

**WARE, Oven, Glass**

Corning Glass Wks., Corning, N. Y. "Pyrex"  
McKee Glass Co., Jeannette, Pa. "Glasbake"  
**WARE, Stainless Steel—See Ware, Kitchen, Stainless Steel**

**WARE, Stone**

(See also article desired)  
Bauer (J. A.) Pottery Co., 415 West Av., 38, Los Angeles, Cal. "Monterey"  
Brush Pottery Co., Zanesville, O.  
Byce Bros. Co., Mt. Pleasant, Pa.  
Logan Pottery Co., Logan, O.  
Louisville Pottery Co., Louisville, Ky.  
Paducah Pottery Co., Paducah, Ky.

Pfaltzgraff Pottery Co., York, Pa.  
Pittsburg Pottery Co., Pittsburg, Kan.  
Red Wing Union Stoneware Co., Red Wing, Minn.  
Salem China Co., Salem, O.  
Uhl Pottery Co., Huntingburg, Ind.  
U. S. Stoneware Co., Akron, O.  
Western Stoneware Co., Monmouth, Ill.  
White Hall Pottery Wks., White Hall, Ill.  
Zanesville Stoneware Co., Zanesville, O.

**WARE, Table, Chromium Plated**

Chase Brass & Copper Co., Inc., Waterbury, Conn.  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill.  
Everedy Co., Inc., Frederick, Md. "Evercraft"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Manning, Bowman & Co., Meriden, Conn.  
Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
Steel Materials Corp., 17260 Gable Av., Detroit, Mich. "Stemco"

**WARE, Table, Flat, Nickel Silver**

International Silver Co., Meriden, Conn. "Rogers"

**WARE, Table, Flat, Silver**

International Silver Co., Meriden, Conn.  
Ontario Mfg. Co., Muncie, Ind.  
Wallace Bros., Wallingford, Conn. "W. B. W."

**WARE, Table, Flat, Silver Plated**

Diamond Silver Co., Lambertville, N. J.  
Hobson & Botts Co., Danbury, Conn.  
International Silver Co., Meriden, Conn. "(Anchor) Rogers (Anchor)," "(Eagle) Wm. Rogers (Star)," "1847 Rogers Bros.," "(Star) Rogers & Bro.," "Wm. Rogers Mfg. Co.," "Wm. Rogers & Son," Oneida Ltd., Oneida, N. Y. "Community Plate," "Heirloom Plate," "Oneida," "Parplate," "Simeon L. & Geo. H. Rogers Company," "Tudor Plate," "Wm. A. Rogers," "1881 (R) Rogers (R)"  
Ontario Mfg. Co., Muncie, Ind.  
Plymouth Stamped Metal Co., Galion, O.  
Wallace Bros., Wallingford, Conn. "W. B. W."

**WARE, Table, Flat, Steel, Stainless**

Durham Duplex Razor Co., Mystic, Conn.  
Hobson & Botts Co., Danbury, Conn.  
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. "Anchor"  
Landers, Frary & Clark, New Britain, Conn. "Universal"  
Remington Arms Co., Inc., Bridgeport, Conn. "Klean Blade"  
Sta-Brite Products Corp., New Haven, Conn.  
Village Blacksmith Folks, Watertown, Wis.

**WARE, Table, Hollow, Silver Plated**

International Silver Co., Meriden, Conn. "(Eagle) Wm. Rogers (Star)," "Forbes," "Meriden"  
Landers, Frary & Clark, New Britain, Conn.  
Oneida Ltd., Oneida, N. Y. "Community Plate," "Oneida," "Simeon L. & Geo. H. Rogers Company," "Tudor Plate," "Wm. A. Rogers"  
Wallace Bros., Wallingford, Conn. "W. B. W."

**WARE, Table, Tinned**

Atlas-Ansonia Co., New Haven, Conn.  
Wallace Bros., Wallingford, Conn. "W. B. W."

**WARE, Tin**

(See also article desired)  
Atlantic Stamping Co., Rochester, N. Y.  
Behrens (H.) Mfg. Co., Winona, Minn.  
Bromwell Wire Goods Co., Cincinnati, O.  
Chicago Metallic Mfg. Co., 3711 S. Ashland Av., Chicago, Ill. "Bake-King"  
Cincinnati Stamping Co., Cincinnati, O.  
Crunden (Martin) Mfg. Co., St. Louis, Mo.  
Federal Enameling & Stamping Co., McKees Rocks, Pa.  
Geuder, Paeschke & Frey Co., Milwaukee, Wis. "Cream City"  
Hamilton Metal Products Co., Hamilton, O.  
Hillson (H. M.) Co., 113 Lincoln, Boston, Mass.  
Katzinger (Edward) Co., 1949 N. Cicero Av., Chicago, Ill. "Ekco," "Ovenex"  
Kremer (A.), Inc., 307 Kent Av., B'klyn, N. Y.  
Lalanc & Grosjean Corp., Woodhaven, L. I., N. Y.  
Lawson (F. H.) Co., Cincinnati, O. "Lawco"  
Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
Louisville Tin & Stove Co., Louisville, Ky.  
Monerief-Lenoir Mfg. Co., Houston, Tenn.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"  
Pittsburgh Tinware Mfg. Co., Pittsburgh, Pa.  
Reed Mfg. Co., Newark, N. J.  
Richardson (M. A.), Inc., 2934 W. Lake, Chicago, Ill.  
Rochester Can Co., Rochester, N. Y. "Iron Horse"  
Savory, Inc., 591 Ferry, Newark, N. J.  
Schlueter Mfg. Co., St. Louis, Mo. "De Luxe"  
Sterling Aluminum Co., Erie, Pa.  
Stratton & Terstegge Co., Inc., Mfg. Div., Louisville, Ky. "Falls City"

**WARE, Wooden, Decorated**

(See also article desired)  
G-H Specialty Co., 3406-12 N. Holton, Milwaukee, Wis. "Hollywood"  
Robinhood Wood Products, Inc., 1259 E. 33rd, Los Angeles, Cal. "Robinhood Ware"

**WAREHOUSE BROOMS—See Brooms, Warehouse**  
**WAREHOUSE ELEVATORS—See Elevators, Carriage, Automobile, Etc.**

**WAREHOUSE TRUCKS—See Trucks, Store, Warehouse and Factory**

**WARM AIR FURNACES—See Furnaces, Warm Air**  
**WARM AIR REGISTERS—See Registers, Warm Air**

**WARMERS, Bun**

Aluminum Cooking Utensil Co., New Kensington, Pa. "Wear Ever"  
Aluminum Goods Mfg. Co., Manitowoc, Wis. "Serv Orole"  
Enterprise Aluminum Co., Massillon, O.  
West Bend Aluminum Co., West Bend, Wis.  
Wright Accessories, Inc., 40 W. 25th, New York, N. Y.

**WARMERS, Foot**

American Electrical Heater Co., Detroit, Mich. "American Beauty"  
Chicago Flexible Shaft Co., 5600 Roosevelt Rd., Chicago, Ill. "Clark"  
Union Soapstone Co., 14 Marshall, Boston, Mass.  
Vermont Soapstone Co., Perkinsville, Vt.

**WARMERS, Milk, Electric**

Landers, Frary & Clark, New Britain, Conn. "Universal"  
Manning, Bowman & Co., Meriden, Conn.

**WARMERS, Motor, Automobile**

Bridgeport Thermostat Co., Inc., 1225 Connecticut Av., Bridgeport, Conn. "Bunsen-Davy"

**WARMERS, Plate, Electric**

Landers, Frary & Clark, New Britain, Conn. "Universal"  
Standard Electric Mfg. Corp., 2006 Ohio Bldg., Toledo, O.

**WARNING SIGNAL TORCHES—See Torches, Highway Flare**

**WASH BASINS—See Ware, Aluminum; also Ware, Enameled; also Ware, Tin**

**WASH BOARDS—See Boards, Wash**

**WASH BOILER HANDLES—See Handles, Boiler**

**WASH BOILERS—See Boilers, Wash**

**WASH and LAUNDRY SETS, TOY—See Sets, Laundry and Wash, Toy**

**WASH TUB BENCHES—See Benches, Wash Tub**

**WASH TUB COVERS—See Covers, Wash Tub**

**WASH TUB STANDS—See Stands, Wash Tub**

**WASH TUBS—See Tubs, Wash**

**WASHER CUTTERS—See Cutters, Gasket and Washer**

**WASHERS, Automobile—See Washers, Vehicle**

**WASHERS, Auto & Carriage**

Continental Rubber Wks., Erie, Pa. "Vitalie Hi-Lo"  
Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Cyclone"

**WASHERS, Axle**

Acme Mfg. & Gasket Co., Phila., Pa.  
American Nut & Bolt Fastener Co., Pittsburgh, Pa.  
Arguto Oilless Bearing Co. (Wayne Junction), Phila., Pa.  
Bardell (J. C.) Co., Moundsville, W. Va.  
Brawley, T. R., 275 20th, B'klyn, N. Y.  
Fernald Mfg. Co., North East, Pa.  
Hoffeld (R.) & Co., Buffalo, N. Y.  
Joliet Wrought Washer Co., Joliet, Ill.  
Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
Stimpson (Edwin B.) Co., 70 Franklin Av., B'klyn, N. Y.  
United Screw & Bolt Corp., 2513 W. Cullerton, Chicago, Ill.  
Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.  
**WASHERS, Bibb—See Washers, Fibre; also Washers, Rubber**

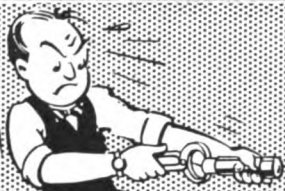
**WASHERS, Brass and Copper**

Acme Mfg. & Gasket Co., Phila., Pa.  
American Brass Co., Waterbury, Conn. "Anaconda"  
American Nut & Bolt Fastener Co., Pittsburgh, Pa.  
Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
Brainerd Mfg. Co., East Rochester, N. Y.  
Bridgeport Brass Co., Bridgeport, Conn.  
Chase Brass & Copper Co., Waterbury, Conn.  
Chicago Specialty Mfg. Co., 332 N. Western Av., Chicago, Ill.  
Clark Bros. Bolt Co., Bemiss, Milldale, Conn.  
Clendenin Bros. Co., Inc., 110 South, Baltimore, Md.  
Corbin Screw Corp., New Britain, Conn.



# RAY-O-VAC'S GUARANTEED CELL

## Is *Twice as Easy to Sell*



**THEY WON'T PLUG**



**THEY WON'T STICK**



**THEY WON'T DAMAGE THE FLASHLIGHT CASE**

## RAY-O-VAC GUARANTEED LEAKPROOF CELLS

Here's the only flashlight cell that's really different! It has all the qualities and selling points of all other cells plus the exclusive guarantee (or a new flashlight free) that it will not swell, plug, stick or damage the case. Customers go for it!

### FREE COUNTER DISPLAY

Unit package of 48 Ray-O-Vac Leak Proof Cells slashed to \$3.12 dealer's cost . . . provides full profit of 35%. Order from your Good Friend—The Jobber Salesman!



Retail at  
Same Price  
As Ordinary  
Cells, *only*

# 10<sup>c</sup>

## RAY-O-VAC COMPANY

MADISON, WISCONSIN

Mention Hardware Age When Writing

Digitized by Google

**WASHERS, Brass and Copper (Cont'd)**

Harper (H. M.) Co., Chicago, Ill.  
 Ives (H. B.) Corp., New Haven, Conn.  
 Massachusetts Mach. Shop, Boston, Mass.  
 Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 Pheoli Mfg. Co., 5700 Roosevelt Rd.,  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 Screw Machine Specialty Co., Pittsburgh, Pa.  
 Stanley Works, New Britain, Conn.  
 Steele & Johnson Mfg. Co., Waterbury, Conn.  
 (Closset)  
 Stimpson (Edwin B.) Co., 70 Franklin Av., B'klyn., N. Y.  
 United Screw & Bolt Corp., 2518 W. Cullerton, Chicago, Ill.  
 Waterbury Brass Goods Corp., Waterbury, Conn.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, CAR**—See Washers, Vehicle

**WASHERS, Carpet**—See Machinery, Carpet Cleaning

**WASHERS, Carriage**

Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Copper**—See Washers, Brass and Copper

**WASHERS, Cork**

Acme Mfg. & Gasket Co., 3431 Market, Phila., Pa.  
 Armstrong Cork Co., Lancaster, Pa.  
 Auburn Mfg. Co., Middletown, Conn.  
 Coyne & Paddock, Inc., 48-15 82nd Pl., Long Island City, N. Y.  
 Gasket Supply Co., Phila., Pa. "Right"  
 Morgan Industrial Products Co., 412 Morgan Av., B'klyn., N. Y.  
 Mundet Cork Corp., 65 W. 11th, B'klyn., N. Y. "Jointite"  
 Sutherland Leather & Felt Co., Detroit, Mich.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Countersunk**

American Screw Co., Providence, R. I.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Continental Screw Co., New Bedford, Mass. "Hold-tite"  
 Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 Paine Co., 2955 Carroll Av., Chicago, Ill. "Paine"  
 Stanley Works, New Britain, Conn.  
 Stimpson (Edwin B.) Co., 68 Franklin Av., B'klyn., N. Y.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Faucet**

Auburn Mfg. Co., Middletown, Conn.  
 Canfield Rubber Co., Bridgeport, Conn.  
 Chicago Specialty Mfg. Co., 332 N. Western Av., Chicago, Ill.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Economy Valve Co., 250 W. Lafayette Blvd., Detroit, Mich. "Water Miser"  
 Excelsior Leather Washer Mfg. Co., Rockford, Ill. "X. L."  
 Franklin Rubber Co., 434 E. Allegheny Av., Phila., Pa. "Red Seal Tiger"  
 Gray (W. L.) & Co., 1426 W. 3rd, Cleveland, O. "No Chatter"  
 Holland Rubber Co., 50 Leonard, New York, N. Y.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y. "Tru Seal," "Universal"  
 Jenkins Bros., 80 White, New York, N. Y.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa. "Easy-Tach"  
 Kirkhill Rubber Co., 811 W. 58th, Los Angeles, Cal. "Grizley"  
 La Favorite Rubber Mfg. Co., Paterson, N. J.  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill. "Acme," "Dandy," "Lucky Strike"  
 Liberty Products Co., West Toledo Station, Toledo, O.  
 Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 Merit Products, Inc., 117-11 164th, Jamaica, N. Y. "Endurite," "Merit"  
 Metamora Rubber Wks., Metamora, O.  
 Perfection Products, Inc., 620 Western Reserve Bldg., Cleveland, O. "Perfection"  
 Plumbers Specialties Mfg. Corp., 5723 S. Hoover, Los Angeles, Cal. "Dripruf"  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 Sexauer (J. A.) Mfg. Co., 2503-3rd Av., New York, N. Y. "Easy-Tite"  
 Sherman (H. B.) Mfg. Co., Battle Creek, Mich. "Water Miser"  
 Snap Products Co., 231 E. 95th, Chicago, Ill. "Snap-in" (Seats & Washers)  
 Springfield Products Co., Bookwalter Bldg., Springfield, O. "Ace"  
 Union Rubber & Asbestos Co., Trenton, N. J.  
 United States Rubber Co., 1230 6th Av., New York, N. Y.  
 Webb Electric Mfg. Co., 3570 Cedarbrook Rd., Cleveland, O.  
 Williams-Bowman Rubber Co., 1939 S. 54th Av., Cicero, Ill. "Tuff Willow," "Wilbow"  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Felt**

Acme Mfg. & Gasket Co., Phila., Pa.  
 American Felt Co., Boston, Mass.  
 Auburn Mfg. Co., Middletown, Conn.  
 Barwood (L. J.) Mfg. Co., Stoneham, Mass.  
 Booth Felt Co., Inc., 468 18th, B'klyn., N. Y.  
 Brawley, T. R., 275 20th, B'klyn., N. Y.  
 Commonwealth Felt Co., 74 Summer, Boston, Mass.  
 Excelsior Leather Washer Mfg. Co., Rockford, Ill. "X. L."  
 Felters Co., Inc., 210 South, Boston, Mass. "Du-Felt"  
 Gasket Supply Co., Phila., Pa. "Right"  
 House (Chas. W.) & Sons, Unionville, Conn.  
 Rhodes (James H.) & Co., 157 W. Hubbard, Chicago, Ill.  
 Sutherland Leather & Felt Co., Detroit, Mich.  
 Western Felt Wks., 4029 Ogden Av., Chicago, Ill.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Fibre**

Acme Mfg. & Gasket Co., Phila., Pa.  
 Auburn Mfg. Co., Middletown, Conn.  
 Barwood (L. J.) Mfg. Co., Stoneham, Mass. "Leak-Stop"  
 Chicago Specialty Mfg. Co., 332 N. Western Av., Chicago, Ill.  
 Excelsior Leather Washer Mfg. Co., Rockford, Ill. "X. L."  
 Holland Rubber Co., 50 Leonard, New York, N. Y.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Massachusetts Machine Shop, Inc., Boston, Mass.  
 Merit Products, Inc., 117-11 164th, Jamaica, N. Y. "Endurite," "Merit"  
 Williams-Bowman Rubber Co., 1939 S. 54th Av., Cicero, Ill. "Wilbow"  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Finishing**

Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Fruit and Vegetables**

Anstice (Josiah) & Co., Inc., Rochester, N. Y.  
 Bean (John) Mfg. Co., Lansing, Mich.  
 Cutler Mfg. Co., 512 S. E. Mill, Portland, Ore.  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.

**WASHERS, Galvanized**

(See Washers, Iron and Steel)

American Nut & Bolt Fastener Co., Pittsburgh, Pa.  
 Cobb & Drew, Inc., Plymouth, Mass. (Also Cadmium)  
 Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Hose, Garden**

Acme Mfg. & Gasket Co., Phila., Pa.  
 Aetna Rubber Co., Ashtabula, O.  
 Atlantic Tubing & Rubber Co., Providence, R. I. "Atlantic"  
 Boston Woven Hose & Rubber Co., Cambridge, Mass. "Good Luck"  
 Canfield Rubber Co., Bridgeport, Conn.  
 Diamond Rubber Co., Akron, O.  
 Durst Mfg. Co., Inc., 468 B'way, New York, N. Y. "Dumaco"  
 Goodrich (B. F.) Co., Akron, O.  
 International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av., Phila., Pa.  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill. "Lucky Strike"  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Liberty Products Co., West Toledo Station, Toledo, O.  
 Mueller Brass Co., Port Huron, Mich. "Neverlose"  
 Merit Products, Inc., 117-11 164th, Jamaica, N. Y. "Oval-O"  
 Metamora Rubber Wks., Metamora, O.  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Iron, Malleable**

Chicago Hdw. & Fixture Co., Chicago, Ill.  
 Lakeside Malleable Castings Co., Racine, Wis.  
 Lewis Bolt & Nut Co., Minneapolis, Minn.  
 National Malleable & Steel Castings Co., Cleveland, O.  
 Peoria Malleable Casting Co., Peoria, Ill. "Peoria"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Iron and Steel**

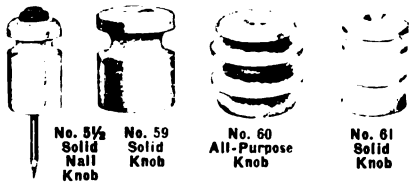
Acme Mfg. & Gasket Co., Phila., Pa.  
 American Nut & Bolt Fastener Co., Pittsburgh, Pa. "American"  
 Ames (W.) & Co., 417 Communipaw Av., Jersey City, N. J.  
 Atlas Tack Corp., Fairhaven, Mass. "Atlas"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Bettcher Mfg. Co., 3108 W. 61st, Cleveland, O.  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Av., Phila., Pa.  
 Clark Bros. Bolt Co., Berniss, Milldale, Conn.  
 Coatesville Plate Washer Co., Coatesville, Pa.  
 Cobb & Drew, Inc., Plymouth, Mass. (Also Coppered, Brased and Tinned)  
 Columbus Bolt Wks. Co., Columbus, O.  
 Dorman Star Washer Co., 1004 Sycamore, Cincinnati, O.  
 Economy Screw Corp., Chicago, Ill.  
 Franta Mfg. Co., Sterling, Ill.  
 Gasket Supply Co., Phila., Pa. "Right"  
 Griffin Mfg. Co., Erie, Pa.  
 Hager (C.) & Sons Hinge Mfg. Co., St. Louis, Mo. (Wrought)  
 Hoffeld (R.) & Co., Buffalo, N. Y.  
 Hubbard Spring Mfg. Co., Pontiac, Mich.  
 Independent Iron Works, Ltd., 821 Pine, Oakland, Cal.  
 Johnston & Jennings Co., 877 Addison Rd., Cleveland, O.  
 Joliet Wrought Washer Co., Joliet, Ill.  
 K-D Mfg. Co., Lancaster, Pa.  
 Keystone Bolt & Nut Co., 9607 Meech Av., Cleveland, O.  
 Konigslow (Otto) Mfg. Co., Cleveland, O.  
 Lamson & Sessions Co., 1971 W. 85th, Cleveland, O.  
 Lawrence Bros., Sterling, Ill.  
 Lewis Bolt & Nut Co., Minneapolis, Minn.  
 Massachusetts Mach. Shop, Boston, Mass.  
 Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 Milton Mfg. Co., Milton, Pa.  
 Newark Malleable Iron Wks., 357 Wilson Av., Newark, N. J. "Victor"  
 New England Screw Co., 44 Farnsworth, Boston, Mass.  
 Oakes Products Corp., No. Chicago, Ill.  
 Oliver Iron & Steel Co., Pittsburgh, Pa.  
 Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.  
 Quadriga Mfg. Co., Chicago, Ill.  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-on-Hudson, N. Y.  
 Republic Steel Co., Upson Nut Div., Cleveland, O. "Upson"  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y. "Empire"  
 Ryerson (Jos. T.) & Son, Inc., 16th & Rockwell, Chicago, Ill.  
 St. Louis Screw & Bolt Co., St. Louis, Mo.  
 Sessions (J. E.) & Son, Bristol, Conn.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Smith (Thos.) Co., Worcester, Mass.  
 Stanley Wks., New Britain, Conn.  
 Steele & Johnson Mfg. Co., Waterbury, Conn.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Sweet (A. L.) Iron Wks., Medina, N. Y. "O. G."  
 Triplex Screw Co., 5817 Grant Av., Cleveland, O. "Triplex"  
 United Screw & Bolt Corp., 2518 W. Cullerton, Chicago, Ill.  
 Western Fdry. & Sash Weight Co., St. Louis, Mo.  
 Worcester Stamped Metal Co., Worcester, Mass.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Lead**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn., N. Y.  
 Acme Mfg. & Gasket Co., Phila., Pa.  
 American Casting & Mfg. Corp., 30 Main, B'klyn., N. Y.  
 American Smelting & Refining Co., San Francisco, Cal.  
 Barwood (L. J.) Mfg. Co., Stoneham, Mass.  
 Belmont Smelting & Refining Works, Inc., 317 Belmont Av., B'klyn., N. Y.  
 Chicago Expansion Bolt Co., 126 S. Clinton, Chicago, Ill.  
 Edwards Mfg. Co., Cincinnati, O.  
 Gasket Supply Co., Red Hill, Pa.  
 Globe Iron Roofing & Corrugating Co., Inc., Newport, Ky.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Littleford Bros., Cincinnati, O.  
 Massachusetts Machine Shop, Inc., Boston, Mass.  
 Master Products Co., 6410 Park Av., S. E., Cleveland, O.  
 National-Boston Lead Co., Boston, Mass.  
 National Lead Co., 111 B'way, New York, N. Y.  
 New Delphos Mfg. Co., Delphos, O.  
 Newport Rolling Mill Co., Newport, Ky.  
 Quadriga Mfg. Co., Chicago, Ill.  
 Souther (E. E.) Iron Co., St. Louis, Mo.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.

**WASHERS, Leather**

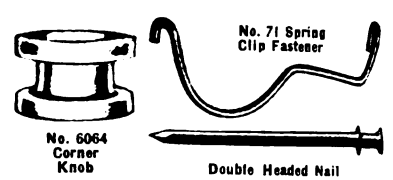
Acme Mfg. & Gasket Co., 3432 Market, Phila., Pa.  
 Auburn Mfg. Co., Middletown, Conn. "Algo"  
 Barwood (L. J.) Mfg. Co., Stoneham, Mass.  
 Chicago Rawhide Co., 1285 Elston Av., Chicago, Ill.  
 Chicago Specialty Mfg. Co., 332 N. Western Av., Chicago, Ill.  
 Excelsior Leather Washer Mfg. Co., Rockford, Ill. "X. L."  
 Flexement Corp., Muskegon, Mich.



## ELECTRIC FENCE NEEDS

Stock up on these field tested, time proven electric fence insulators and accessories for sure profits and customer satisfaction. See your jobber or write direct.

PORCELAIN PRODUCTS, INC. FINDLAY, OHIO



# Welsbach

With 53 years of mantle manufacturing experience as your assurance of quality, we present a new product

## KEROSENE MANTLES

for all models of Aladdin Kerosene Lamps to retail at a lower price

**30¢**

Dealer's price—\$2.40 per dozen in lots of 3 dozen (2 dozen new style and 1 dozen old style).

If your jobber doesn't have them, order from us direct giving your jobber's name.

Mfd. by Welsbach Division of

**LINDSAY LIGHT & CHEMICAL COMPANY**

West Chicago, Illinois

## Washing Windows is Almost Fun with PAL-MOS

—yet that's only one of its three useful jobs



It's the new 3-in-1 handy home pal. Patented in both U. S. and Canada. Makes window washing easier—and ABSOLUTELY SAFE—for mother; makes outside window repair jobs, putting or painting easy for Dad; and then with its attachment chain (included) makes an outdoor swing for the youngsters. Any one use can make the sale—all three make Pal-Mos irresistible, once it's seen. Quality made. Guaranteed to hold up to 625 lbs. Comes complete with chains, hooks for 5 windows and tools. Cheaper than accident insurance—and you get the profit. Write for literature.

The PAL-MOS MFG. CO., 2191 West 59th St., Cleveland, Ohio

## DEALERS!

Offer a complete line of fast selling profit making **ELECTRIC FENCE ACCESSORIES**. Get details from your jobber or write for literature.



STEEL POST INSULATOR FASTENER



FOR FASTENING FENCE WIRE TO INSULATOR



KWIK GATE IMPROVED IMPREGNATED GATE HOOK

Our products: Kwik Klips, Kwik Gates, Handy Gate, Twistite, Utility Tester, "Twin Towers" and "Guard" Electric Fence Lightning Arresters, "8-Point" Ground Clamp, Connector Clamps, Warning Signs, Double Head Nails, and Leather Washers.

ACCESSORIES MANUFACTURING CO. CHICAGO, ILLINOIS • U. S. A.



## Popular MITRE KIT with new angle index

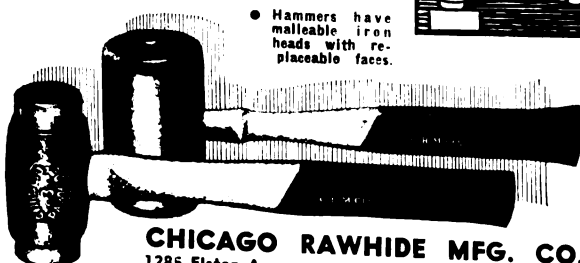
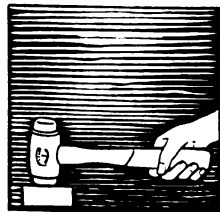
Note how you can adjust our new model No. 525 to any angle desired and securely lock it with handle that shows beneath the kit. It accurately cuts sizes up to 2x4. The Baker McMillen MITRE KIT is a well made, precision unit that appeals to both the professional and home craftsman. Put a few on your counter. They will sell on sight. Write for wholesale prices.

THE BAKER McMILLEN CO., 348 Miller Ave., Akron, Ohio

**sells on sight**

THESE are the tools for striking hard blows accurately and safely—for economical pounding where the surface must not be damaged. Made of genuine Rawhide in sizes and weights for every purpose.

- Hammers have malleable iron heads with replaceable faces.



**CHICAGO RAWHIDE MFG. CO.**  
1285 Elston Ave. Chicago, U.S.A.

## Finds the Right Key—INSTANTLY!

Your customers will be delighted with

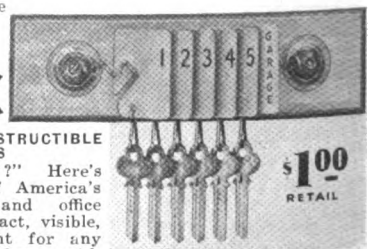
"CADO"

# Ke RaK

COMPLETE WITH INDESTRUCTIBLE FIBRE TAGS

"Who's got the key?" Here's the answer to one of America's greatest household and office problems . . . a compact, visible, easily accessible mount for any wall, holding TEN keys with identification tags, quickly put up or taken down. Show your patrons this splendid time and money-saver . . . very profitable for YOU, too.

Distributed through Hardware Jobbers  
**CUSHMAN & DENISON MFG. CO., 135 W. 23rd Street, New York City**



**Dealers and Jobbers**  
Write quick for our attractive discounts, also for literature. Larger KeRaKs available for apartment houses, etc.



For the toughest removal jobs.

## BULL DOG PAINT REMOVER

"Eats Paint and Bites Varnish"

Liquid, Cream and Heavy Cream for Interior or Exterior use.

**GILLESPIE VARNISH COMPANY**

Quality Since 1824

Jersey City, N. J.



Go after Paint Remover Profits with BULL DOG

Mention Hardware Age When Writing



**WASHERS, Leather (Continued)**

Gasket Supply Co., Phila., Pa. "Right"  
 Graton & Knight Mfg. Co., Worcester, Mass.  
 "G. & K."  
 Hoeffel (R.) & Co., Buffalo, N. Y.  
 Holland Rubber Co., 26 Warren, New York, N. Y.  
 Illinois Mechanical Leather Co., Chicago, Ill.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av.,  
 Phila., Pa.  
 Leather Parts Co., Indianapolis Ind.  
 Marsh (Chas. W.) Co., Muskegon, Mich.  
 Merit Products, Inc., 117-11 164th, Jamaica, N. Y.  
 Schieren (Chas. A.) & Co., 30 Ferry, New York,  
 N. Y.  
 Simplex Mfg. Co., Auburn, N. Y. "Long Wear."  
 "Simco," "Simplex"  
 Sutherland Leather & Felt Co., Detroit, Mich.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee,  
 Wis.

**WASHERS, Lock**

(See also Nuts, Lock)

American Nut & Bolt Fastener Co., 2029 Doerr,  
 Pittsburgh, Pa. "Anti-Link," "Kantlink"  
 Automotive Hdwe., Inc., 38 S. Cruse, Indianapolis,  
 Ind.  
 Beall Tool, Div. Hubbard & Co., East Alton, Ill.  
 "Kantlink"  
 Butcher & Hart Mfg. Co., Toledo, O.  
 Dorman Star Washer Co., 1004 Sycamore, Cincinnati,  
 O.  
 Eaton Mfg. Co., Reliance Spring Washer Div.,  
 Massillon, O. "Kantlink," "Reliance"  
 Garrett (Geo. K.) Co., Inc., 1421 Chestnut, Philadelphia,  
 Pa. "Diamond-G"  
 General Screw Mfg. Co., 3217 W. 47th, Chicago, Ill.  
 Hobbs Mfg. Co., Worcester, Mass.  
 Keystone Bolt & Nut Co., 9507 Meech Av., Cleveland,  
 O.  
 National Lock Washer Co., 40 Hermond, Newark,  
 N. J. "Kantlink"  
 Philadelphia Steel & Wire Corp., Penn & Belfield  
 Av., Phila., Pa. "Never Slip"  
 Positive Lock Washer Co., 181 Miller, Newark,  
 N. J. "Kantlink," "Keystone," "Non-Link Positive"  
 Remington Screw & Bolt Mfg. Co., Inc., Cold Spring-  
 on-Hudson, N. Y.  
 Shakedown Lock Washer Co., 2501 N. Keeler Av.,  
 Chicago, Ill.  
 Sterling Bolt Co., 707 W. Van Buren, Chicago, Ill.  
 Washburn Company, Worcester, Mass. "Shurlox"  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee,  
 Wis.

**WASHERS, Mica, Insulation, Etc.**

American Mica Wks., 47 West, New York, N. Y.  
 Arguto Oilless Bearing Co., Phila., Pa.  
 Asheville Mica Co., Biltmore, N. C.  
 Mica Insulator Co., 200 Varick, New York, N. Y.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee,  
 Wis.

**WASHERS, Nickel Plated**

Master Products Co., 6410 Park Av., S. E., Cleve-  
 land, O.  
 Russell (Jno. M.) Mfg. Co., Inc., Naugatuck, Conn.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee,  
 Wis.

**WASHERS, Riveting—See Burrs, Copper & Brass****WASHERS, Rubber**

Auburn Mfg. Co., Middletown, Conn.  
 Canfield Rubber Co., Bridgeport, Conn.  
 Chicago Specialty Mfg. Co., 832 N. Western Av.,  
 Chicago, Ill.  
 Dursi Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 "Dumaco"  
 Franklin Rubber Co., 434 E. Allegheny Av., Phila.,  
 Pa.  
 Holland Rubber Co., 50 Leonard, New York, N. Y.  
 Jenkins Bros., 80 White, New York, N. Y.  
 Keystone Brass & Rubber Co., Broad & Lehigh Av.,  
 Phila., Pa.  
 La Favorite Rubber Mfg. Co., Paterson, N. J.  
 Lavelle Rubber Co., 424 N. Wood, Chicago, Ill.  
 "Lucky Strike"  
 Merit Products, Inc., 117-11 164th, Jamaica, N. Y.  
 "Endurite," "Merit"  
 Metamora Rubber Wks., Metamora, O.  
 Perfection Products, Inc., 6240 Western Reserve  
 Bldg., Cleveland, O. "Perfection"  
 Plumbers Specialties Mfg. Corp., 5723 S. Hoover,  
 Los Angeles, Cal. "Dripruf"  
 Rodale Mfg. Co., Emaus, Pa.  
 Schacht Rubber Mfg. Co., Huntington, Ind. "Daisy"  
 Union Rubber & Asbestos Co., Trenton, N. J.  
 United States Rubber Co., 1230 6th Av., New York,  
 N. Y.  
 Williams-Bowman Rubber Co., 1939 S. 54th Av.,  
 Cicero, Ill. "Willow"  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee,  
 Wis.

**WASHERS, Split**

Leitzke, Reia, Beaver Dam, Wis. "Leitzke"  
 Master Products Co., 6410 Park Av., S. E., Cleve-  
 land, O.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee,  
 Wis.

**WASHERS, Square**

Coatesville Plate Washer Co., Coatesville, Pa.  
 Master Products Co., 6410 Park Av., S. E., Cleve-  
 land, O.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee,  
 Wis.

**WASHERS, Steel—See Washers, Iron and Steel****WASHERS, Stop Bead and Screws**

Barrows Lock Wks. of Yale & Towne Mfg. Co.,  
 North Chicago, Ill.  
 Champion Hardware Co., Geneva, O.  
 Clinton Lock Co., Clinton, Ia.  
 Corbin, P. & F., New Britain, Conn.  
 Griffin Mfg. Co., Erie, Pa.  
 Ives (H. B.) Co., New Haven, Conn.  
 Lawrence Bros., Sterling, Ill.  
 Lockwood Hdwe. Mfg. Co., Fitchburg, Mass. "Lock-  
 wood"  
 National Mfg. Co., Sterling, Ill.  
 Payson Mfg. Co., 3920 Jackson Blvd., Chicago, Ill.  
 Sager Lock Wks. of Yale & Towne Mfg. Co.,  
 No. Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee,  
 Wis.  
 Yale & Towne Mfg. Co., Stamford, Conn.

**WASHERS, Vacuum, Hand Suction**

Castle Rubber Co., East Butler, Pa. "Daintymaid"  
 Childers, C. T., Galesburg, Ill. "Baby Rapid."  
 "Rapid," "Rapid Junior"  
 Kautenberg (W. E.) Co., Inc., Freeport, Ill.  
 "Economy"  
 Schmid Bros., Lancaster, Pa.  
 Stalker (Leo) & Co., Cedar Rapids, Ia. "Betty  
 Bubbles"

**WASHERS, Vehicle**

American Brush Mfg. Co., Portland, Ore. "Am-  
 bruco"  
 Champion Pneumatic Mch. Co., Chicago, Ill.  
 Hicks (Howard A.) Brush Co., Denver, Col.  
 Hygienic Brush Co., 9 May, Worcester, Mass.  
 "Ideal"  
 Ideal Clamp Mfg. Co., 200 Bradford, B'klyn, N. Y.  
 "Ace"  
 Maxwell Brushes, Inc., 218 E. 144th, New York,  
 N. Y.  
 Osborn Mfg. Co., Cleveland, O. "Osborn"  
 Ryan & Long, Appleton, Wis. "Perfection"  
**WASHING LEATHERS—See Leathers, Washing  
 and Polishing**

**WASHING MACHINE DRAINERS AND FILLERS**

See Drainers and Fillers, Washing Machine

**WASHING MACHINE, Replacement Parts**

Electric Sweeper Service Co., 1874 E. 18th, Cleve-  
 land, O.  
 Re-New Sweeper Co., 9591 Grand River Av., De-  
 troit, Mich.  
 Wind-Power Mfg. Co., Newton, Ia. "Challenge."  
 "Laundry Queen," "Princess," "Regal" (for Grin-  
 nell washers)

**WASHING MACHINE RINSING TUBS—See Tubs,  
Rinsing****WASHING MACHINE UNITS—See Units, Wash-  
ing Machine****WASHING MACHINES, Clothes, Electric**

Altorfer Bros. Co., Peoria, Ill. "ABC"  
 Apex Rotarex Corp., 1070 E. 152nd, Cleveland, O.  
 "Apex-Speedliner"  
 Appliance Mfg. Co., Alliance, O.  
 Automatic Washer Company, Newton, Ia. "Auto-  
 matic Laundry Queen"  
 Barlow & Seelig Mfg. Co., Ripon, Wis. "Speed  
 Queen," "Star"  
 Barton Corp., West Bend, Wis. "Barton."  
 Beam Mfg. Co., 609 Stockdale, Webster City, Ia.  
 "Beam"  
 Bendix Home Appliances, Inc., 3300 W. Sample,  
 South Bend, Ind. "Bendix"  
 Birtman Electric Co., 4140 Fullerton Av., Chicago,  
 Ill. "Bee-Vac"  
 Blackstone Corp., Jamestown, N. Y.  
 Bluffton Mfg. Co., Findlay, O. "Women's Friend"  
 Boss Washing Mach. Co., Norwood Station, Cin-  
 cinnati, O. "Banner," "Boss," "Champion,"  
 "Faultless," "Perfection," "Safety Bar," "Ster-  
 ling," "Thermo," "Unedea"  
 Brammer Mfg. Co., Davenport, Ia. "De Luxe,"  
 "Gibson Jr.," "Thrift"  
 Chicago Electric Mfg. Co., 6333 W. 65th, Chicago,  
 Ill. "Handyhot," "Little Magic"  
 Conlon Corp., 19th & 52nd, Chicago, Ill. "Conlon"  
 Copeland Refrigerator Corp., Sidney, O. "Copeland"  
 Coppes, Inc., Nappanee, Ind. "Coppes-Nappanee"  
 Crosley Corp., 1329 Arlington, Cincinnati, O.  
 Delite Mfg. Co., Bryan, O. "Delite"  
 Detroit Vapor Stove Div. Borg-Warner Corp., 670  
 E. Woodbridge, Detroit, Mich. "White Star"  
 Dexter Co., Fairfield, Ia. "Ace," "Cavalier," "Cen-  
 tury," "Dexter," "Defender," "Fastwin," "Thrift-  
 win," "Trump," "Windor"  
 Easy Washing Machine Corp., Syracuse, N. Y.  
 "Easy"  
 Eden Service Co., 20 N. Limestone, Springfield, O.  
 "Eden"

Edison General Electric Appliance Co., Inc., 5600  
 W. Taylor, Chicago, Ill. "Hotpoint"  
 General Electric Co., 1285 Boston Av., Bridgeport,  
 Conn. "GE"  
 Getz Power Washer Co., Morton, Ill. "American  
 Beauty"  
 Haag Bros. Co., Peoria, Ill. "Vortex"  
 Holland-Rieger Co., Sandusky, O. "Faultless,"  
 "Modern Maid," "Sandusky"  
 Horton Mfg. Co., Fort Wayne, Ind. "Horton,"  
 "Kleenette"  
 Hurley Machine Co., Cermak Rd. & 54th Av., Chi-  
 cago, Ill. "Thor"  
 Landers, Frary & Clark, New Britain, Conn. "Un-  
 versal"  
 Maytag Co., Newton, Ia. "Maytag"  
 Meadows Corp., Bloomington, Ill. "Gainaday,"  
 "Meadows"  
 Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit,  
 Mich. "Kelvinator"  
 National Metal Products Co., Waterloo, Ia. "Water-  
 matic"  
 National Motor Co., 2661-67 E. Grand Blvd., Detroit,  
 Mich. "National"  
 National Sewing Mach. Co., Belvidere, Ill. "Happy  
 Day"  
 Naxon Utilities Corp., 2101 W. Walnut, Chicago,  
 Ill. "Naxon"  
 Nineteen Hundred Corp., St. Joseph, Mich. "Whirl-  
 pool"  
 Norge Div., Borg-Warner Corp., 670 E. Woodbridge,  
 Detroit, Mich. "Norge Autobuilt"  
 One Minute Washer Co., Kellogg, Ia. "One Minute"  
 Savage Arms Corp., Utica, N. Y.  
 Vidrio Products Co., 3920 Calumet Av., Chicago, Ill.  
 "Baby Grande," "Sterro"  
 Voss Bros. Mfg. Co., Davenport, Ia. "Aladdin,"  
 "Clipper," "Eagle," "Eclipse," "Granger," "High  
 Speed," "Mermaid," "Ocean Wave," "Pioneer,"  
 "Rural," "Sea Wave," "Sunshine," "Vanity,"  
 "Voss-Floto-Plane," "Zephyr"  
 Westinghouse Electric & Mfg. Co., Mansfield, O.  
 Zenith Machine Co., 257 S. 1st Av., East, Duluth,  
 Minn. "Zenith"

**WASHING MACHINES, Clothes, Gaso-  
line Motor**

Altorfer Bros. Co., Peoria, Ill. "ABC"  
 Barlow & Seelig Mfg. Co., Ripon, Wis. "Speed  
 Queen"  
 Birtman Electric Co., 4140 Fullerton Av., Chicago,  
 Ill. "Bee-Vac"  
 Blackstone Corp., Jamestown, N. Y.  
 Bluffton Mfg. Co., Findlay, O. "Women's Friend"  
 Boss Washing Machine Co., Norwood Station, Cin-  
 cinnati, O. "Banner," "Boss," "Champion,"  
 "Faultless," "Perfection," "Sterling," "Thermo,"  
 "Unedea"  
 Conlon Corp., 19th & 52nd, Chicago, Ill.  
 Dexter Co., Fairfield, Ia. "Classic," "Duplex,"  
 "Stanley," "Trojan"  
 Easy Washing Machine Corp., Syracuse, N. Y.  
 "Easy"  
 Getz Power Washer Co., Morton, Ill. "American  
 Beauty"  
 Haag Bros. Co., Peoria, Ill. "Vortex"  
 Holland-Rieger Co., Sandusky, O. "Faultless,"  
 "Modern Maid"  
 Horton Mfg. Co., Fort Wayne, Ind. "Horton"  
 Hurley Machine Co., Chicago, Ill. "Thor"  
 Maytag Co., Newton, Ia. "Maytag"  
 Meadows Corp., Bloomington, Ill. "Gainaday,"  
 "Meadows"  
 Nineteen Hundred Corp., St. Joseph, Mich.  
 Norge Div., Borg-Warner Corp., 670 E. Woodbridge,  
 Detroit, Mich. "Norge Auto Built"  
 One Minute Washer Co., Kellogg, Ia. "One Minute"  
 Voss Bros. Mfg. Co., Davenport, Ia.  
 Zenith Machine Co., 257 So. 1st Av., East, Duluth,  
 Minn. "Zenith"

**WASHING MACHINES, Clothes, Hand  
Power**

Barlow & Seelig Mfg. Co., Ripon, Wis. "Big 3"  
 Boss Washing Mach. Co., Norwood Station, Cin-  
 cinnati, O. "Banner," "Boss," "Champion,"  
 "Faultless," "Perfection," "Sterling," "Thermo,"  
 "Unedea"  
 Brammer Mfg. Co., Davenport, Ia. "Knoxall," "O.  
 K.," "Speedy," "Western"  
 Getz Power Washer Co., Morton, Ill.  
 Interstate Washer Co., Middletown, Ind. "Perfec-  
 tion"  
 McGraw Machine Co., Lincoln, Neb. "Monitor"  
 Maytag Co., Newton, Ia. "Pastime"  
 Nineteen Hundred Corp., St. Joseph, Mich.  
 Richmond Cedar Wks., Richmond, Va. "Clipper,"  
 "F. F. V.," "Lightning," "Majestic," "Matchless"

**WASHING MACHINES, Clothes, Toy**

Buffalo Toy & Tool Wks., Buffalo, N. Y. "Dolly's  
 Washer"  
 Greist Mfg. Co., New Haven, Conn.  
 Jefferson Electric Co., Bellwood, Ill. "Jiffy-Jeff"  
 Naxon Utilities Corp., 2101 W. Walnut, Chicago,  
 Ill. "Dollyduds"  
 Wolverine Supply & Mfg. Co., Pittsburgh, Pa.

**WASHING MACHINES, Clothes, Water  
Motor**

Boss Washing Mach. Co., Norwood Station, Cin-  
 cinnati, O. "Banner," "Boss," "Champion,"  
 "Faultless," "Thermo"  
 Nineteen Hundred Corp., St. Joseph, Mich.

# BY THESE MARKS... SHALL YOU KNOW THEM

## THE OUTSTANDING TRADE MARKS IN PLUMBING SPECIALTIES

A background of thirty-five years of consistent sound manufacture and planned merchandising have placed these two trade marks above all others in the plumbing specialty field. It is easy for you to find out why.



### PLUMBING SUPPLIES

Tabular Goods of All Kinds  
Traps  
Wastes  
Tank Parts  
Showers  
Shower Heads  
Fittings (All Types)  
Supply Pipes  
Lavatory Supplies and Connectors  
Valves (All Types)  
Fixtures

### ELECTRICAL SUPPLIES

A Complete Line of Electrical Supplies—  
Equipment—Accessories—and Appliances

### REFRIGERATION SUPPLIES

Copper Tubing  
Aluminum Tubing  
Copper Sweat Fittings  
Brass Fittings  
Flared Fittings  
Gas Cocks and Valves

### GARDEN HOSE & ACCESSORIES

Lawn Sprinklers  
Garden Hose  
Hose Couplings  
Hose Nozzles  
Hose Attachments  
Sprayers  
Insecticides

### PLUMBING SPECIALTIES

Toilet Seats  
Faucets  
Faucet Combinations  
Faucet Handles  
Faucet Attachments  
Tools  
Brushes

### HEATING SUPPLIES & ACCESSORIES

Steam Valves  
Air Valves  
Floor & Ceiling Plates  
Gauges  
Hot Water Generators  
Boiler Chemicals  
Boiler Couplings—Stands—Fittings

### HOUSEHOLD SPECIALTIES

All Types of Rubber Goods  
Shower and Bath Sprays  
Shower Curtains  
Bath Room Accessories  
Sink Strainers  
Window Cleaners  
Chemicals (All Types)  
Tools  
Rubber Mats  
Complete Household Sundries

### RUBBER GOODS

Force Cups  
Tank Balls  
Stoppers  
Tubing  
Washers  
Bumpers  
Sheet Packing

### WASHERS

Boxed Assortments  
Rubber  
Fibre  
Cotton  
Asbestos  
Leather  
Metal  
DURATEX: America's Finest Faucet Washer



*America's Largest Stock of Plumbing Specialties*

**THE DURST MANUFACTURING CO., INC.**  
462 BROADWAY, NEW YORK CITY

*Mention Hardware Age When Writing*

**WASHING MACHINES, Dish**

Diets Mfg. Co., Harris & Pine Aves., Norwood, O.  
 "Drumfire"  
 Siph-O Products Corp., 60 India, Boston, Mass.  
 Steele & Johnson Mfg. Co., Waterbury, Conn. "Es-senjoy"  
 Wheeler (C. N.) Inc., Glen Ridge, N. J.

**WASHING MACHINES, Dish, Electric**

Jolt's Patent Fire Arms Mfg. Co., Hartford, Conn.  
 "Autosan"  
 Edison General Electric Appliance Co., Inc., 5600 W. Taylor, Chicago, Ill. "Hotpoint"  
 General Electric Co., Nela Park, Cleveland, O.  
 "GE"  
 Hobart Mfg. Co., Troy, O.  
 Standard Sanitary Mfg. Co., Pittsburgh, Pa.  
 Westinghouse Electric & Mfg. Co., Mansfield, O.

**WASHING MACHINES, Dog**

Super Metal Mfg. Co., Inc., 3923 Hudson Blvd., North Bergen, N. J. "Super"

**WASHSTANDS, Hand, Sanitary**

yon Metal Products, Inc., 136 Madison Av., Aurora, Ill. "Showerway"

**WASTE CANS—See Cans, Waste****WASTE COCKS—See Cocks, Stop and Waste****WASTE COTTON—See Wipings, Waste, Cotton****WASTE PAILS—See Cans, Waste****WASTE PAPER BASKETS—See Baskets, Waste Paper****WASTE RECEPTACLES, SELF-CLOSING—See Receptacles, Waste****WASTE WIPINGS—See Wipings, Waste, Cotton****WATCHES, Stop**

Brenet Watch Co., 264 W. 40th, New York, N. Y.  
 New Haven Clock Co., New Haven, Conn.  
 Pastor Stop Watch Co., Waterbury, Conn.  
 Teitrite Instrument Co., 57 E. 11th, New York, N. Y.

**WATCHES, Toy**

Winchester & Woods, Inc., 1212 W. Saratoga, Baltimore, Md.

**WATCHES, Wrist, Pocket and Lapel**

Aristocrat Clock Co., 245 Fifth Av., New York, N. Y.  
 "Ingraham"  
 Ingersoll-Waterbury Co., Waterbury, Conn. "Aero," "Ensign," "Ingersoll," "Junior," "Kelton," "Mickey Mouse," "Peggy," "Pendant," "Rist-Arch," "Sportster," "Topper," "Yankee"  
 New Haven Clock Co., New Haven, Conn.  
 Westclox Div. of General Time Instruments Corp., La Salle, Ill. "Dax," "Pocket Ben"

**WATER CARRYING BAGS—See Bags, Water Carrying****WATER CIRCULATING PUMPS—See Pumps, Water Circulating****WATER CLOSET LATCHES—See Latches, Lavatory****WATER CLOSETS—See Closets, Water****WATER COLORS—See Colors, Water****WATER COOLERS—See Coolers, Water****WATER DIPPERS—See Dippers, Milk, Water, Etc.****WATER ELEVATORS—See Elevators, Water****WATER FILTERS—See Filters, Water****WATER GAGES—See Gages, Water****WATER GENERATORS—See Generators, Hot Water****WATER GLASS—See Glass, Water****WATER HEATER CONTROLS—See Controls, Water Heater****WATER HEATERS, Gasoline and Kerosene—See Heaters, Water, Gasoline and Kerosene****WATER HEATERS, Fuel Oil Burning—See Heaters, Water, Fuel, Oil Burning****WATER HEATER REGULATORS—See Regulators, Water Heater****WATER HEATERS—See Heaters, Water, Gas Radiation****WATER HEATERS, ELECTRICAL—See Heaters, Water, Electric****WATER ROSE—See Hose, Air, Steam, Water, Etc.****WATER LEVEL HUMIDIFIER VALVES—See Valves, Humidifier, Water Level****WATER MIXERS—See Mixers, Water****WATER MOTOR CLOTHES WASHING MACHINES—See Washing Machines, Clothes, Water Motor****WATER PIPE—See Pipe, Cast Iron, Gas and Water****WATER POLO BALLS—See Balls, Polo, Water****WATERPROOFING COMPOUNDS—See Damp-proofing****WATERPROOF LEATHER DRESSINGS—See Dressings, Waterproof, Leather****WATER PUTTY—See Putty, Water****WATER SOFTENERS—See Softeners, Water****WATER STONES—See Stones, Oil and Water****WATER SUPPLY SYSTEMS, Deep and Shallow Well**

Aurora Pump Co., 106 Loucks, Aurora, Ill. "Apco"  
 Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
 Decatur Pump Co., Decatur, Ill. "Burks"  
 Delco Appliance Div. General Motors Sales Corp., 425 Lyell Av., Rochester, N. Y. "Delco"  
 Deming Co., Salem, O.  
 Dempster Mill Mfg. Co., Beatrice, Nebr.  
 Dorr Pump & Mfg. Co., 638 Gaslight Co. Bldg., Milwaukee, Wis.  
 Duro Co., Inc., 537 E. Monument Av., Dayton, O.  
 Electric Fence Co., 177 Knilians Bldg., White-water, Wis. "Electrite"  
 Everite Pump & Mfg. Co., Inc., Lancaster, Pa. "Everite"  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
 Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind. "Paul"  
 Goulds Pumps, Inc., Seneca Falls, N. Y. "CID"  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Hummer Mfg. Co., Springfield, Ill. "Hummer"  
 Jacuzzi Bros., Inc., 1450 San Pablo Av., Berkeley, Cal. "Jacuzzi"  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 Maat, Foss & Co., Springfield, O. "Buckeye"  
 Monarch Engineering Co., Dayton, O. "Autofo," "Monarch"  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O.  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Roots-Connorsville Blower Corp., Connorsville, Ind.  
 Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
 Rumsey Pump Corp., Seneca Falls, N. Y.  
 Shetler-Calkins Co., Clio, Mich. "SS"  
 Sta-Rite Products, Inc., Delavan, Wis.  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Uniflow Mfg. Co., Erie, Pa. "Uniflow"  
 Worthington Pump & Mch. Corp., 2 Park Av., New York, N. Y.

**WATER SUPPLY SYSTEMS, House, Automatic**

Aurora Pump Co., 106 Loucks, Aurora, Ill. "Apco"  
 Challenge Co., Batavia, Ill.  
 Dayton Pump & Mfg. Co., Dayton, O. "Dayton"  
 Decatur Pump Co., Decatur, Ill. "Burks"  
 Delco Appliance Div. General Motors Sales Corp., 425 Lyell Av., Rochester, N. Y. "Delco"  
 Deming Co., Salem, O.  
 Dempster Mill Mfg. Co., Beatrice, Nebr.  
 Dorr Pump & Mfg. Co., 638 Gaslight Co. Bldg., Milwaukee, Wis. "Dorr"  
 Douglas (W. & B.) Pump Co., 6245 State Rd., Phila., Pa.  
 Duro Co., Inc., 537 E. Monument Av., Dayton, O.  
 Everite Pump & Mfg. Co., Inc., Lancaster, Pa. "Everite"  
 Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
 Flint & Walling Mfg. Co., Kendallville, Ind. "Hoosier"  
 Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind. "Paul"  
 Gould Pumps, Inc., Seneca Falls, N. Y. "Cid," "Jet-O-Matic"  
 Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.  
 Hummer Mfg. Co., Springfield, Ill. "Hummer"  
 McDonald (A. Y.) Mfg. Co., Dubuque, Ia.  
 McKay Co., 478 N. Cleveland Av., St. Paul, Minn.  
 Micro-West Co., Inc., Bettendorf, Ia.  
 Monarch Engineering Co., Dayton, O. "Autofo," "Monarch"  
 Myers (F. E.) & Bro. Co., 902 Church, Ashland, O. "Ejecto," "Junior Self-Oiling," "Self-Oiling"  
 Nelson Bros. Co., Saginaw, Mich. "Nelson"  
 Pomona Pump Co., 206 E. Commercial, Pomona, Cal. "Little Chief"  
 Red Jacket Mfg. Co., Davenport, Ia.  
 Roots-Connorsville Blower Corp., Connorsville, Ind.  
 Roper (Geo. D.) Corp., Rockford, Ill. "Roper"  
 Rumsey Pump Corp., Seneca Falls, N. Y.  
 Shetler-Calkins Co., Clio, Mich. "SS"  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Uniflow Mfg. Co., Erie, Pa. "Uniflow"  
**WATER TOWERS—See Towers, Water and Wind-mill**

**WATER WINGS**

Ayyad Water-Wings, Inc., 1021 Grand, Hoboken, N. J. "Ayyad's"

**WATERERS, Hog**

Anderson Mfg. Co., Des Moines, Ia. "Ideal," "Tip Top"  
 Bernard (Phillip) Co., Sioux City, Ia. "O. K."  
 Butler Co., Butler, Ind. "Automatic"  
 Celina Mfg. Co., Celina, O.  
 Clearwater Tank Co., Chatsworth, Ill. "Nu-Way"  
 Close-To-Nature Co., Colfax, Ia.  
 Columbian Steel Tank Co., Kansas City, Mo.  
 Dempster Mill Mfg. Co., Beatrice, Nebr.  
 Drew Line Co., Fort Atkinson, Wis.  
 Flint & Walling Mfg. Co., Kendallville, Ind. "Hoosier"  
 Gardner Mfg. Co., Horicon, Wis. "Ideal"  
 Hastings Equity Grain Bin Mfg. Co., Hastings, Mich.  
 Hawkeye Steel Products Co., Waterloo, Ia. "Pride of the Farm"  
 Heller-Aller Co., Napoleon, O.

Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.

Kewanee Implement Co., Kewanee, Ill.  
 McCollough (W. A.) & Son, Webster City, Ia. "Square Deal"

Mit-Shel Stamping Mfg. Co., Quincy, Ill.  
 Moore Mfg. Co., Waterloo, Ia. "Waterloo"  
 National Mfg. Co., Des Moines, Ia. "Ideal"  
 Nebraska & Iowa Steel Tank Co., Omaha, Neb. "Eaton," "Non-Freezing"

North Dakota Metal Culvert Co., Fargo, N. D.  
 Novelty Iron Wks., Sterling, Ill. "Handy"  
 Oakes Mfg. Co., Inc., Tipton, Ind.  
 Only Mfg. Co., Hawarden, Ia.

Pioneer Mfg. Co., Middlebury, Ind. "Sanitary"  
 Quinn Wire & Iron Wks., Boone, Ia. "Daisy"  
 Rock Island Mfg. Co., Rock Island, Ill. "Dewey"  
 St. Paul Corrugating Co., St. Paul, Minn. "Pruden"  
 Star Tank Co., Goshen, Ind.

Starline, Inc., Harvard, Ill.  
 Sterling Foundry Co., Sterling, Ill. "Best"  
 Stover Mfg. & Engine Co., Freeport, Ill.  
 Superior Mfg. Co., 1725 Rockingham Rd., Davenport, Ia.

Theiman Harvester Co., Inc., Albert City, Ia. "Bull Dog," "Little Sioux," "Little Sioux Lamp," "New Hot Nipple" (Also Automatic)  
 Western Hog Oiler Co., Washington, Ia.

**WATERERS, Poultry—See Fountains, Poultry****WATERING BOWLS—See Bowls, Watering****WATERING POTS—See Pots, Watering****WATERLESS COOKERS—See Cookers, Waterless****WATERLESS TOILETS—See Toilets, Waterless****WATERPROOF APRONS—See Aprons, Waterproof****WATERPROOF CLOTHING—See Clothing, Waterproof****WATERPROOF COATING—See Dampproofing****WATERPROOF GLUE—See Glue, Waterproof****WATERPROOF PAINTS—See Paints, Waterproof****WATERPROOFING—See Dampproofing****WATERPROOFING FABRIC—See Fabrics, Waterproofing****WATERPROOFING ROOF PITCH—See Pitch, Roof, Waterproofing****WAX APPLICATORS—See Applicators, Wax****WAX, Bees—See Beeswax****WAX, Belt**

(See also Dressing, Belt)

Atkins (E. C.) & Co., Indianapolis, Ind. "Cantol"

**WAX, Grafting**

Clark (Walter E.) & Son, Milford, Conn. "Parapin," "Trowbridge"

Hunt (M. H.) & Son, Lansing, Mich.

Pugsley & Morrison, Yuba City, Cal.

Tyson, Edwin C., Flora Dale, Pa.

**WAX PAPER—See Paper, Wax****WAX PAPER DISPENSERS—See Dispensers, Wax Paper****WAX, Paraffine**

Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulfwax"

Kalamazoo Paraffine Co., Kalamazoo, Mich.

Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "Parowax"

Will & Baumer Candle Co., Inc., Syracuse, N. Y.

**WAX, Polish, Liquid**

All-Nu Products Co., Camden, N. J. "All-Nu"

American Products Co., 3265 Colerain Av., Cincinnati, O. "Veeco"

Armstrong Cork Co., Lancaster, Pa. "Linogloss"

Asco Chemical Co., 641 Lexington Av., B'klyn, N. Y. "Asco"

Baldwin Laboratories, Inc., Saegertown, Pa. "Dwinnax"

Baltimore Paint & Color Wks., Inc., Baltimore, Md. "Ladylike"

Barnett Chemical Co., 410 Sullivan, Chicago, Ill.

Beacon Co., 89 Bickford, Boston, Mass.

Boston Varnish Co., Boston, Mass. "Vita"

Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J. "Old English"

Cellowax Co., Key Highway & Montgomery, Baltimore, Md.

Clark Quality Products, Inc., 158 Hague, Rochester, N. Y. "Clark's Quick Shine"

Collins (D. A.) Mfg. Co., Inc., 148 39th, Bklyn., N. Y.

Congoleum-Nairn, Inc., Kearny, N. J.

Crescent Products Co., 315 N. 14th, Terre Haute, Ind. "Crescent Mirrorfinish"

Double B Products Co., Inc., 60 Putnam, Hartford, Conn. "Double B"

Dri-Brite, Inc., 4443 Cook Av., St. Louis, Mo. "Dri-Brite"

Du-All Mfg. Co., Geneva, O.

DuPont (E. I.) de Nemours & Co., Inc., Wilmington, Del. "Duco," "Du Pont," "No. 7"

Durham (Donald) Co., Des Moines, Ia. "National Hard-Wear"

Economics Laboratory, Inc., 914 Guardian Bldg., St. Paul, Minn. "Stain Wax"

El-Kay Mfg. Co., 906 16th, Oakland, Cal.

Flexrock Co., 23rd & Manning, Phila., Pa. "Flexrock Non-Slip"

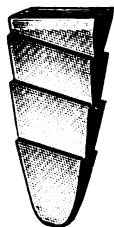
Floorola Products, Inc., York, Pa. "Floorola"



No. 2  
3/8"

**For  
Hammers  
Cuts shown  
exact size**

Sta-Fast Wedges are  
used by home tool  
users, mechanics,  
factories and rail-  
roads.

No. 3  
1/2"

## STA-FAST STEEL WEDGES

For Hammers, Hatchets and Axes

UNIFORM IN SIZE—A SIZE FOR EVERY NEED

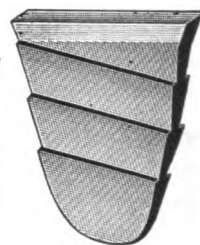
Note the special design of these wedges—they drive straight and *wedge* the handle securely. Hold like a screw—neither wedge, nor handle will *ever work loose*. STA-FAST Steel Wedges keep Hammer, Hatchet and Axe Handles *tight and safe* to use. No. 2 for Small Hammers, No. 3, Regular Carpenter and Machinist, No. 4 for Large Hammers and Small Hatchets, No. 5 for Hatchet and Sledge. Steady, profitable sellers. Also full line of Belt Fasteners.

Write for discount and samples.

**THE STANDARD BELT FASTENER COMPANY**

Unionville, Conn., U. S. A.

Also manufacturers of Standard Malleable and Steel Belt Fasteners, Self-Aligning Belt Fasteners and Belt Rivets.

No. 4  
3/4"No. 5  
1 inch

Axe and Hatchet  
Wedges (not shown)  
have a Special Lock-  
ing Feature which  
positively *locks the*  
*wedge* in the handle.

# LINGERWETT • WONDER-PASTE

**REMOVER**

FOR ALL INTERIOR WORK

Order from your dealer  
Information on request

**REMOVER**

FOR EXTERIOR & UPRIGHT SURFACES

WILSON-IMPERIAL COMPANY: 115 Chestnut St., Newark, N. J. (Dept. H-70)

Only  
\$14.90

**Safeway  
OIL HEATERS**

Only  
\$10.80

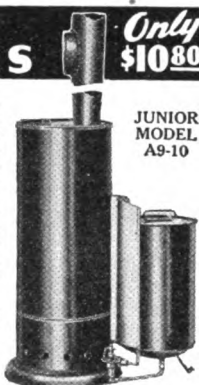


MODEL A9-13

**GLOBE AMERICAN  
CORPORATION**  
Macomb, Illinois

Time tried, time proven dependable. The sensationally priced heater that opened up a new and eager market. For homes, stores, hunting camps, lake cottages, filling stations. Built for the man wanting oil's convenience in a powerful, attractive yet inexpensive heater.

Bodies are of 22 ga. super blued steel. The silent pot type Golden Glow burner uses cheap distillate, seldom needs cleaning. Simple trouble-free barometric oil feed. Comes complete except for smoke pipe. Model A9-10 is of 10" diameter, 27" high, has 2 1/2 gal. tank, heats 2,700 cu. feet. Model A9-13 is of 18" diameter, 37" high, has 4 gal. tank, heats 4,000 cu. feet. Write for folder and liberal discounts. Exclusive agencies available in some areas. No new, untried experiment. Thousands in use across the U. S. A.

JUNIOR  
MODEL  
A9-10

EST. 1902

## 4x5 COPPER TANK FLOATS

**CORRUGATED & PLAIN  
ALSO FURNISHED**

In the Following Sizes: Plain

Spun, 2" 3" 4" 5" 6" 7" 8" 10" and 12"

WRITE FOR PRICES

**DETROIT METAL SPINNING CO.**  
625 MONROE DETROIT, MICH.

**If you are going to change your address**

please notify the CIRCULATION DEPARTMENT  
at least 3 weeks before you move.

**HARDWARE AGE, 100 East 42nd St., New York, N. Y.**



Trade-Marked and  
Grade-Marked For  
Your Protection

## TURNER, DAY & WOOLWORTH PROVEN VALUES

For over 80 years world's acknowledged  
leader in producing handles that are:

Uniform in grade • Perfect in pattern • Accurately sized  
plus financial responsibility and five fully equipped factories to assure  
unfailing service. Insure your handle sales and profits  
by giving your customers known value—in  
grade and quality.

**TURNER, DAY & WOOLWORTH  
HANDLE CO., INC.**

LOUISVILLE, KY.

Mention Hardware Age When Writing

## WAX, Polish, Liquid (Continued)

Franklin Research Co., 5134 Lancaster Av., Phila., Pa. "Rubber Gloss"  
 Fromeyer & Company, Cincinnati, O. "Jewel"  
 General Cement Mfg. Co., 1041 Kilburn Av., Rockford, Ill.  
 Glidden Co., Madison Av. & Berea Rd., Cleveland, O. "Jap-A-Lac," "Ren-O-Wax"  
 Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa. "Gulf Lustertone Preserver"  
 Harvey Research, 276 Devonshire, Boston, Mass.  
 International Metal Polish Co., Indianapolis, Ind. "Blue Ribbon"  
 International Products Corp., Trenton, N. J. "Lustertol"  
 Johnson (S. C.) & Son, Racine, Wis.  
 Knox & Morse Co., Glo-Ax Division, Cambridge, Mass. "Glo-Ax"  
 Landers, Frary & Clark, New Britain, Conn. "Universal"  
 Leiner (G. S.) & Co., 1280 Brook Av., New York, N. Y.  
 Liquid Veneer Corp., Buffalo, N. Y. "Selfshine"  
 Lustwax-Best Products Co., 1812 Main, Kansas City, Mo. "Lustwax"  
 Marietta Paint & Color Co., Marietta, O.  
 Martin-Senour Co., 2540 Quarry, Chicago, Ill.  
 Martin Varnish Co., Chicago, Ill.  
 Masury-Young Co., Charlestown, Mass. "Mycro-Gloss"  
 Midway Chemical Co., Div. American Home Products Corp., 257 Cornelson Av., Jersey City, N. J. "Aerowax"  
 Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn. "3-M"  
 Minwax Co., Inc., 11 W. 42nd, New York, N. Y.  
 Moore (E. B.) & Co., 185 N. Wabash Av., Chicago, Ill.  
 Mystic Foam Corp., 6607 Carnegie Av., Cleveland, O. "Mystic"  
 O-Cedar Corp., 4501 S. Western Av., Chicago, Ill. "O-Cedar"  
 Ogden Chemical Laboratories, 324 E. 3rd, Cincinnati, O. "Kemsol"  
 Paraffine Cos., Inc., San Francisco, Cal. "Pabco"  
 Perrow Chemical Co., Hurt, Va. "Old Dominion"  
 Pioneer Mfg. Co., Cleveland, O. "Eze Way"  
 Pittsburgh Plate Glass Co. Paint Div., Grant Bldg., Pittsburgh, Pa. "Mimax"  
 Premier Chemical Co., Cleveland, O. "Norbo"  
 Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.  
 Schiefelin & Co., 16 Cooper Sq., New York, N. Y. "Vernax"  
 Schwank (C. W.) Corp., 423 S. Hanover, Baltimore, Md. "Check," "Ritz," "Viking"  
 Sheffield Bronze Products & Stencil Co., 12405 Euclid Av., Cleveland, O. "Nu-Way"  
 Shepard & Moore, Inc., 208 St. Clair Av., N. W., Cleveland, O. "S & M"  
 Sherwin-Williams Co., Cleveland, O.  
 Shine-O Polish, 524 Spruce, Phila., Pa.  
 Swoony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "Tavern"  
 Stafford (S. S.), Inc., 609 Washington, New York, N. Y. "Renol"  
 Staples (H. F.) & Co., Inc., Medford, Mass. "Maatic Kote," "Mirror Kote," "Staco," "Staples"  
 Tammis Silica Co., 228 N. La Salle, Chicago, Ill.  
 Twin City Shellac Co., 340 Flushing Av., B'klyn, N. Y. "Dan-Dee"  
 Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y. "Satin Gloss"  
 Washburn (T. F.) Co., 2244 Elston Av., Chicago, Ill. "Washburn"  
 Waxaid Co., 117 S. Paca, Baltimore, Md. "Filmo"  
 Willert Products Co., Inc., 805 E. 139th, New York, N. Y. "No-Rub"  
 Windsor Wax Co., Inc., 58 Park Pl., New York, N. Y.  
 Woodfinishing Products Co., 32 Industrial, New York, N. Y.

**WAX POLISHES**—See Polishes, Wax, and Wax Polish, Liquid

**WAX, Prepared**—See Polishes, Floor; also Polishes, Furniture

**WAX REMOVERS**—See Removers, Wax

## WAX, Ski

American Grease Stick Co., Muskegon, Mich. "Door-Ease"  
 Chemurgic Corp., Giant Rd., Richmond, Cal. "Avalanche"  
 Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass. "Ferdico"  
**WAX TAPERS**—See Tapers, Wax  
**WAXERS, Floor, Electric**—See Machines, Polishing, Scrubbing, Waxing, Floor, Electric

## WEANERS, Calf and Colt

Fuller Mfg. Co., Seneca, Kan. "Fuller"  
 Gatch Wire Goods Co., 801 Buren, Baltimore, Md.  
 Imperial Bit & Snap Co., Racine, Wis. "Anti-Suck," "Reichert," "Sure-Cure," "Thistle"  
 Kees (F. D.) Mfg. Co., Beatrice, Neb.  
 North & Judd Mfg. Co., New Britain, Conn.  
 Quinn Wire & Iron Wks., Boone, Ia. "Daisy," "Shaw"  
 Simonsen Iron Wks., Sioux Rapids, Ia. "So-Boss"  
 Tucker-Dorsey Mfg. Co., 302 S. State, Indianapolis, Ind. "Blabb"  
 Wagner Specialty Co., Burlington, Wis. "Kant-Suk"  
**WEANERS, Colt**—See Weaners, Calf and Colt

## WEATHERSTRIP

Accurate Metal Weather Strip Co., 216 E. 26th, New York, N. Y. (Metal)  
 Alden Mfg. Co., Painesville, O.  
 Allmetal Weatherstrip Co., 229 W. Ohio, Chicago, Ill.  
 American Metal Weather Strip Co., Grand Rapids, Mich.  
 Athey Co., Chicago, Ill.  
 Baltz (Robert N.) & Co., 30 N. La Salle, Chicago, Ill. "E-Z-On"  
 Brawley, T. R., 275 20th, B'klyn, N. Y.  
 Bridgeport Fabrics, Inc., Bridgeport, Conn.  
 Burk & Fox, Forest, O. "Burfo"  
 Burlington Mills, Inc., Burlington, Wis.  
 Chamberlain Metal Weather Strip Co., Inc., 1254 La Brosse, Dept. H.A., Detroit, Mich. "Chamberlin," "Home Weather," "Nailless," "Nu-Slyde," "Snap-On," "Tack-On," "Weather-Seal"  
 Church (E. I.) & Co., Whitman, Mass. "Axtel" (Metal)  
 Commonwealth Felt Co., 76 Summer, Boston, Mass.  
 Continental Rubber Wks., Erie, Pa.  
 Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill. "Boss," "Crown," "Dennis," "Dennis-Clincher," "Dennis Double-Cushion," "Dennis Metal," "Draft-Seal," "Felt Clincher," "Flexible," "Fly-E-Z," "Security E-Z Tack," "Storm-Queen," "Zero" (Metal or Felt)  
 Diamond Metal Weather Strip Co., Columbus, O. "Capitol," "U-Put-On"  
 Eclat Rubber Co., Akron, O. "Frost King"  
 Felters Co., Inc., 210 South, Boston, Mass. "Kozy," "No-Draft"  
 Freeman (Chas. A.) Mfg. Co., Boston, Mass. "Invisible"  
 Gardner Wire Co., 5045 W. Lake, Chicago, Ill. "Black Bear," "Brown Bear," "Firm-Flex," "Holdfast," "Storm-Seal," "Weather-Seal," "White Bear" (Felt, Metal or Wood)  
 Henry Airtight Weather Strip Co., Martinsville, Ind.  
 Higgin Mfg. Co., Newport, Ky.  
 Jenkins Bros., 80 White, New York, N. Y.  
 Johnson Metal Products Co., Erie, Pa. (Metal)  
 Jubilee Mfg. Co., Omaha, Neb. "Easy-Fix" (Sponge Rubber)  
 Kuhlman Metal Weather Strip Co., St. Louis, Mo.  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Macklanburg-Duncan Co., Oklahoma City, Okla. "Nu-Koil," "Numetal," "Nu-Way," "On-Gard"  
 Miller Rubber Products Co., Inc., Akron, O.  
 Monarch Metal Weatherstrip Corp., 6333 Etzel Av., St. Louis, Mo. "MetaLane," "Monarch," "Tae-Ezy" (Metal)  
 Niagara Metal Weather Strip Co., Buffalo, N. Y.  
 Owen Rubber Products, Inc., Akron, O.  
 Philipp Mfg. Co., Easthampton, Mass.  
 Rhodes (James H.) & Co., 157 W. Hubbard, Chicago, Ill. "Red Muffler" (Hair Wool Felt)  
 Thermwood Products Co., Inc., 25 W. 30th, New York, N. Y. "Flexomold," "Servall"  
 Van Cleef Bros., Woodlawn Av. to 78th, Chicago, Ill. "Rub'r-Shim"  
 Victor Weatherstrip & Ventilator Co., Reading, Pa.  
 Wirfs-Bosley Corp., 3242 N. California Av., Chicago, Ill. "Air Seal," "Ajax," "Atlas," "Bomeco," "Bosley's," "Cushion Felt," "Cot-Felt," "Double Contact," "Flexible," "Heat-Seal," "Home Comfort," "Nu-Felt," "Nu-Seal," "Wind-Seal"  
 Wright Products Mfg. Corp., 2101 Kennedy, N. E., Minneapolis, Minn. "Bilt-Rite"  
 Youngstown Mfg. Co., 76 S. Prospect, Youngstown, O.

**WEATHERPROOFED SCREEN CLOTH**—See Cloth, Screen, Weatherproofed

**WEATHER VANES**—See Vanes, Weather

## WEBBING, Cotton

American Cord & Webbing Co., 394 B'way, New York, N. Y.  
 Anchor Webbing Co., Pawtucket, R. I. "Awebco"  
 Georgia Webbing & Tape Co., Columbus, Ga.  
 Hooper (Wm. E.) & Sons Co., Phila., Pa. "Hooperwood"  
 Mallison Braided Cord Co., Athens, Ga.  
 Shane Mfg. Co., West Maryland at Buchanan, Evansville, Ind.  
 Sturges Mfg. Co., Inc., Utica, N. Y.

**WEBBING STRAPS**—See Straps, Webbing

## WEDGES, Axe, Hammer and Hatchet

Fulton Products Co., Essex Bldg., Bernardsville, N. J.  
 Leetonia Tool Co., Leetonia, O.  
 Sawyer Belt Hook Co., Pawtucket, R. I. "Sawilco"  
 Smith (Landon P.), Inc., 180 Coit, Irvington, N. J. "Grady," "Red Devil"  
 Snow & Nealey Co., Bangor, Me. "Our Best"  
 Standard Belt Fastener Co., Unionville, Conn. "Sta-Fast"

## WEDGES, Box, Spoke and Tool

Bullard, E. W., Whitneyville, Conn. "Perfect Wedge"  
 Iron City Tool Works, Pittsburgh, Pa.  
 Roberts, George W., Centerville, Ind. "Paramount"  
 Woodruff (Walter W.) & Sons Co., Mt. Carmel, Conn.

## WEDGES, Coal

Iron City Tool Works, Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Leetonia Tool Co., Leetonia, O.  
 Salem Tool Co., Salem, O.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.

## WEDGES, Exploding

Hutchison Mfg. Co., Wilkinsburg, Pa.

## WEDGES, Steel

Acme Forge Wks., Inc., Seattle, Wash. "Acme"  
 Brunner & Lay, Chicago, Ill.  
 Bucabel Tool Mfg. Co., Inc., 220 Adams, B'klyn, N. Y.  
 Budd (Edward G.) Mfg. Co., 25th & Hunting Park Ave., Phila., Pa.  
 Evansville Tool Wks., Div. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Evansville"  
 Granite City Tool Co., Barre, Vt. "Safe-Hed"  
 Harboeg (Martin) Co., Pittsburgh, Pa.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Wks., Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Leetonia Tool Co., Leetonia, O.  
 Livingston Co., Rockland, Me. "Pope"  
 McInnes Steel Co., Corry, Pa.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa. "Tyron"  
 Plumb (Fayette R.), Inc., Phila., Pa.  
 Prouty (C.) & Co., Eldred, Pa. (Saw)  
 Sawyer Belt Hook Co., Pawtucket, R. I.  
 Stanley Tools Div. of Stanley Works, New Britain, Conn. "Stanley-Atha"  
 Trow & Holder Co., Barre, Vt.  
 Vulcan Tool Mfg. Co., Quincy, Mass.  
 Warren Axe & Tool Co., Warren, Pa. "Bull Dog"  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Warwood, Wheeling, W. Va.  
 What Cheer Tool Co., What Cheer, Ia.  
 Woodings-Verona Tool Wks., Verona, Pa.  
 Woodruff (Walter W.) & Sons Co., Mt. Carmel, Conn.

## WEDGES, Stone

Granite City Tool Co., Barre, Vt. "Safe-Hed"  
 Harboeg (Martin) Co., Pittsburgh, Pa.  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Leetonia Tool Co., Leetonia, O.  
 Trow & Holder Co., Barre, Vt.  
 Vulcan Tool Mfg. Co., Quincy, Mass.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Works, Verona, Pa.

**WEDGES, Tool**—See Wedges, Box, Spoke and Tool

## WEDGES, Wood Choppers

Acme Forge Works, Inc., Seattle, Wash.  
 Evansville Tool Wks., Div. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 Harboeg (Martin) Co., Pittsburgh, Pa.  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Works, Pittsburgh, Pa.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Leetonia Tool Co., Leetonia, O.  
 Oliver Iron & Steel Corp., Pittsburgh, Pa.  
 Peavey Mfg. Co., Brewer, Me.  
 Plumb (Fayette R.) Inc., 4887 James, Phila., Pa.  
 Sawyer Belt Hook Co., Pawtucket, R. I.  
 Snow & Nealey Co., Bangor, Me. "Our Best"  
 Stanley Tools Div. of Stanley Works, New Britain, Conn.

Warren Axe & Tool Co., Warren, Pa. "Bull Dog"

Warren Tool Corp., Warren, O. "Quikwerk"

Warwood Tool Co., Wheeling, W. Va.

Wing Wedge Co., Franklin, Neb.

Woodings-Verona Tool Works, Verona, Pa.

**WEDGES, Wooden**—See Wedges, Box, Spoke and Tool

**WEED BURNERS**—See Burners, Weed

**WEED CUTTERS**—See Cutters, Weed

**WEED KILLERS**—See Killers, Weed

## WEEDERS, Beet

American Fork & Hoe Co., Cleveland, O. "True-Temper"  
 Gardex, Inc., 215 E. Michigan, Michigan City, Ind. "Gardex"

**WEEDERS, Flower**—See Weeders, Garden and Lawn

## WEEDERS, Garden and Lawn

Abco Tool Co., 110 W. Lincoln Av., Peotone, Ill.  
 Akron-Selle Co., Akron, O.  
 Allen (S. L.) & Co., Inc., 401 Glenwood Av., Phila., Pa. "Iron King," "Planet Jr."  
 Alliance Mfg. Co., Alliance, O. "Doo-Klip"  
 American Fork & Hoe Co., Cleveland, O. "Eureka," "Gem," "True Temper"  
 Animal Trap Co. of America, Lititz, Pa. "Grip-Root," "Trump"  
 B. & J. Mfg. Co., Springfield, O. "Bid-o-Weed"  
 Barker Mfg. Co., David City, Neb.

## No. 24 Pulley Merchandising Display



Actual size of display 17" wide, 7½" deep and 13" high.

This exceedingly attractive display sells at sight. It is a powerful salesman in displaying these products directly before the customer.

Central pulleys are made of solid white brass. They are perfectly balanced, diamond bored and silver-aluminum finished. The grooves are accurately built to the belt having a perfect grip, silent and true running.

Central pulleys are absolutely guaranteed regardless of whatever uses they may be adopted for.

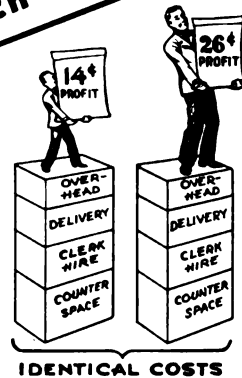
Write us for net quotations and the resale promotional proposition.

**Central Die Casting & Mfg. Co., Inc.**  
2935 West 47th Street Chicago, Ill., U. S. A.

# 86% MORE PROFIT

from each sale . . .

35c RETAIL



**WOODRUFF**  
TURF-MAKER

With identical costs for counter space, clerk hire, delivery, and overhead, and with the same mark-up, each pound of Woodruff Turf-Maker brings you 86% more profit. And Woodruff's selling plan convinces customers it is more economical to buy a mixture of permanent varieties — especially adapted to local conditions. To get these customers into your store, Woodruff furnishes FREE the most complete array of dealer helps: (1) Merchandiser Display (2) Lawn Library (3) Bag Displays (4) Window Displays (5) Window Posters (6) Dealer Mats (7) Analysis of mixture, with germination date (8) Brand identifying colored container.

WRITE TODAY FOR  
COMPLETE DETAILS.

GRASS SEED DIVISION  
**F. WOODRUFF** AND SONS, INC.  
MILFORD, CONN. TOLEDO, OHIO  
THE SIGN OF GOOD SEED

## ILLINOIS DUSTER & BRUSH CO.

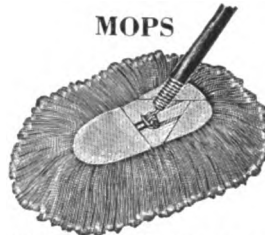
1926-44 WEBSTER AVE., CHICAGO  
Manufacturers for 35 Years

### BRUSHES



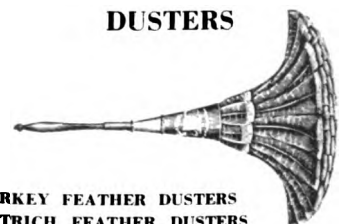
FLOOR BRUSHES—WINDOW BRUSHES  
COUNTER & BENCH BRUSHES  
FENDER BRUSHES—CAR WASHERS  
HOUSEHOLD BRUSHES

### MOPS



COTTON YARN MOPS AND  
HAND DUSTERS FOR EVERY PURPOSE

### DUSTERS



TURKEY FEATHER DUSTERS  
OSTRICH FEATHER DUSTERS  
WOOL DUSTERS  
WOOL WALL DUSTERS  
WHISK BROOMS

SQUEEGES—Window & Floor

SPECIALISTS TO THE HARDWARE TRADE

## ELECTRIC SOLDERING IRONS

Replaceable  
Elements

Low Priced for  
Hardware Trade

Write for  
Catalogue  
& Discounts



Adjustable  
in length

Pure Copper  
Tips

Cool Handles

High Efficiency

Underwriters  
Approved

Attractive Display Board free with order for one of each size of iron shown.

MADE BY  
**VULCAN ELECTRIC COMPANY**  
600 BROAD STREET, LYNN, MASS.

## Looking for EXTRA PROFITS?

Make big money with the Triggs-Michael Line of "SUCCESSORIES FOR SPORTSMEN." High Profit, Fast Turnover, Repeat Sales, National Advertising, low cost quality merchandise with a money-back guarantee means big profits!

**SUPERFLOAT**, fly line dressing  
**SUPERDRY**, dry fly dressing  
**SUPEROIL**, for guns, reels  
**SUPERKLEEN**, solvent for guns, reels  
**S. T. O. P.**, sun tan oil  
**REPELLEX**, insect repellent  
**SUPERSEAL**, waterproof leather dressing.

**Ferrule Cement**  
**Rod Varnish**  
**Color Preserver**  
**Leader Liquid**  
**SUPERGREASE**, for reels, guns  
**Silk Line Dressing**

Only partial list. Complete line household merchandise. One sale leads to another. Investigate now!

Write today:

THE TRIGGS-MICHAEL CO., DEPT. A, FORT WAYNE, IND.

Mention Hardware Age When Writing

Digitized by Google



# WEEDERS, Garden and Lawn (Cont'd)

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boycro"

K-R, Div., American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O. "Little Giant"

Mapson Mfg. Co., Chicago, Ill. "Marvel"

Master Products Corp., 702 Front Av., Cleveland, O. "Carter Weeder"

Chicago Flexible Shaft Co., Chicago, Ill.

Correct Mfg. Co., Rochester, Pa.

Decker Mfg. Co., Keokuk, Ia. "Sure Grip"

Deeco Mfg. Co., Oaks, Pa. "Little Wonder"

Diamond Point Push Hoe Co., Inc., 4188 Union Av., Los Angeles, Cal. "Diamond Point"

Donnis Mfg. Co., Reading, Pa.

Z. Lawn Edger Co., Los Angeles, Cal. (Weeder Cultivator)

Gardener's Friend Co., Div. of Cooke-Roberts Corp., Orange, Mass. "Wonder Weeder"

Gardex, Inc., 215 E. Michigan, Michigan City, Ind. "Gardex"

General Machine Co., Inc., 210 W. Michigan, Milwaukee, Wis. "Weed-Ezy"

Gugel (Walter A.) Co., 338 W. Erie, Toledo, O.

Goodell Co., Antrim, N. H.

Granite State Mowing Machine Co., Hinsdale, N. H. "Granite State Duo-Disc"

Hall Mfg. Co., Cedar Rapids, Ia.

Hannlin Metal Products Co., Inc., 58 W. Exchange, Akron, O.

Heckethorn Mfg. & Supply Co., Littleton, Colo. "Dandy Lion Digger"

Hills, Edwin, Plainville, Conn.

Imperial Bit & Snap Co., Racine, Wis.

Johnson, J. Oliver, Chicago, Ill. "Comco"

Johnson (William), Inc., 36 Brenner, Newark, N. J.

Kees (F. D.) Mfg. Co., Beatrice, Neb.

Kingsbury Mfg. Co., Keene, N. H.

Ketal Products Mfg. Co., 1762 Rainier Av., Seattle, Wash. "E-Z Out"

Michigan Wire Goods Co., Niles, Mich. "Androck"

National Specialties Co., 1902 Howell, Fort Wayne, Ind. "Noxem"

Norcross (C. S.) & Sons, Bushnell, Ill. "Norcross," "Bushnell," "Out-U-Kum"

Pirich (Geo.) Garden Tool Co., 428 University Av., N. E. Minneapolis, Minn. "Speed" (With & Without Seed Magazine)

Reichard (F. H.) Mfg. Co., Bangor, Pa. "Magic"

Skiddoo Co., Urbana, O.

Specialty Mfg. Co., Canton, O. "Diamond Point"

Rowe Mfg. Co., Galesburg, Ill. "RO-HO" (Combination)

Southington Hdw. Co., Southington, Conn. "Sohaco"

Stanley Wks., New Britain, Conn.

Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo.

Sythax Mfg. Co., Memphis, Tenn.

Tuck Mfg. Co., Brockton, Mass. "Cape Cod"

Union Fork & Hoe Co., Columbus, O. "Speedy," "Union"

United States Lock & Hdw. Co., Columbia, Pa.

Wrightsville Hdw. Co., Wrightsville, Pa.

**WEEDERS, Lawn—See Weeders, Garden and Lawn**

**WEEDING FORKS—See Forks, Weeding**

**WEEDING HOOKS—See Weeders, Garden**

# WEIGHTS, Sash

American Lead Co., Pittsburgh, Pa.

Bartlett (A. F.) & Co., Saginaw, Mich.

Belmont Smelting & Refining Works, Inc., 317 Belmont Av., B'klyn, N. Y.

Bowers, M. B., & Son, Hackettstown, N. J.

Chicago Expansion Bolt Co., 126 S. Clinton, Chicago, Ill. (Lead)

Drummond Mfg. Co., Louisville, Ky.

Elk Engineering Wks., Tannery, St. Marys, Pa.

Gascooke Stove & Mfg. Co., Greensboro, N. C.

Grey Iron Casting Co., Mt. Joy, Pa.

Hastings Foundry & Iron Wks., Hastings, Neb.

Hulbard Foundry & Mach. Wks., Lynchburg, Va.

Indiana Fdry. Co., Indiana, Pa.

Iron City Foundry Co., Lebanon, Pa. "I. C. F."

Jannay & Co., Montgomery, Ala.

Johnston & Jennings Co., 877 Addison Rd., Cleveland, O.

King Stove & Range Co., Sheffield, Ala.

Laets Fdry. Co., Bay City, Mich.

Lawrence Shot & Lead Co., Omaha, Neb.

Leavitt Mfg. Co., Urbana, Ill.

Levering Bros., Baltimore, Md.

Lissberger (Marks) & Son, 281 Borden Av., Long Island City, N. Y.

Manco Mfg. Co., Bradley, Ill.

Menzel & Jeffery Co., Minneapolis, Minn.

National-Boston Lead Co., Boston, Mass.

National Lead Co., 111 B'way, New York, N. Y. (Lead)

National Sash Weight Corp., 1701 Wiconico, Baltimore, Md.

Owensboro Fdry. Co., Inc., Owensboro, Ky. "Ideal"

Price Evans Fdry. Corp., Chattanooga, Tenn.

Pugh Foundry Co., Kansas City, Mo.

Quinn Wire & Iron Wks., Boone, Ia.

Rosnoke Iron & Bridge Wks., Rosnoke, Va.

Rochester Lead Wks., Rochester, N. Y.

Somerville Iron Fdry. Co., Somerville, Mass.

Thayer Foundry Co., Atchison, Kan.

Tuscaloosa Iron Wks., Tuscaloosa, Ala.

United Lead Co., 111 B'way, New York, N. Y.

Waterbury Foundry Co., Waterbury, Conn.

Western Foundry & Sash Weight Co., St. Louis, Mo. "Cruil"

Western Iron & Foundry Co., Wichita, Kan.

Withers Foundry & Mach. Wks., Atlanta, Ga.

York Foundry & Engine Wks., York, Neb.

**WELED BUILDING SHEATHING—See Sheathing, Building, Welded**

**WELED CHAINS—See Chains, Welded**

# WELDERS, Electric Arc, Portable

Dongan Electric Mfg. Co., 2987 Franklin, Detroit, Mich. "Donganarc"

Giant Grip Mfg. Co., Oshkosh, Wis. "Giant Grip"

Lincoln Electric Co., 18010 Colt Rd., Cleveland, O. "Shield-Arc," "Stable-Arc"

Vulcan Arc Welder Co., 3318 Washington Av., St. Louis, Mo.

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa. "Flex-Arc"

**WELDING COMPOUNDS—See Compounds, Welding**

**WELDING RODS—See Rods, Welding**

**WELDING TORCHES—See Torches, Brazing and Welding**

**WELDING WIRE—See Rods, Welding**

**WELDLESS CHAIN—See Chain, Weldless**

**WELL AUGERS—See Augers, Well**

**WELL BUCKETS—See Buckets, Well**

**WELL CHAIN—See Chain, Well**

**WELL CYLINDERS—See Cylinders, Well and Clsters**

**WELL DRILLING CABLE—See Cable, Well Drilling**

**WELL DRIVE POINTS—See Points, Drive, Well**

**WELL PUMPS—See Pumps, Chain; also Pumps, House; also Pumps, Wooden; also Pumps, Well, Hand and Power**

**WELL STRAINERS—See Strainers, Well**

**WELL WHEELS—See Wheels, Well**

**WHEEL BOLTS—See Bolts, Wheel**

**WHEEL GOODS—See article desired**

**WHEEL KNIVES—See Knives, Casing**

**WHEEL TOYS—See article desired; also Mechanical Toys**

**WHEELBARROW GRASS SEEDERS—See Seeders, Grass, Wheelbarrow**

**WHEELBARROW SPRAYERS—See Sprayers, Wheelbarrow**

**WHEELBARROW WHEELS—See Wheels, Wheelbarrow**

**WHEELBARROWS, All Types and Classifications**

American Steel Scraper Co., Sidney, O. "DeLuxe," "DeLuxe Handa," "Handa," "Pilot"

Asheboro Wheelbarrow Co., Asheboro, N. C.

Boyle Mfg. Co., 5100 Santa Fe Av., Los Angeles, Cal. "Boycro"

Buch Mfg. Co., Elizabethtown, Pa.

Case Crane & Kilbourne Jacobs Co., Columbus, O. "Ajax," "AX," "Blue Feather," "Columbus," "Domestic," "K & J," "Pan American," "Planet," "Star," "Victor"

Chattanooga Wheelbarrow Co., Chattanooga, Tenn. "Chattanooga"

Fairbanks Co., 393 Lafayette, New York, N. Y.

General Wheelbarrow Co., Div. Empire Plow Co., 3140 E. 65th, Cleveland, O. "Akron," "General"

Jackson Mfg. Co., Harrisburg, Pa. "Middy," "Scout"

Lansing Co., Lansing, Mich.

Orangeville Mfg. Co., Orangeville, Pa.

Phillips, Doup & Co., West Hoff, Lindenhurst, L. I. "National"

Puffer-Hubbard Mfg. Co., Minneapolis, Minn. "American," "Easy Grip"

Red Star Products Corp., 12910 Taft Av., Cleveland, O. "Cleveland," "Red Star"

Sargent, Osgood & Roundy Co., Randolph, Vt.

Sidney Steel Scraper Co., Sidney, O. "Burro," "Haslup," "U. S."

Slusser-McLean Scraper Co., Sidney, O.

Sterling Wheelbarrow Co., Milwaukee, Wis.

Syracuse Chilled Plow Co., Syracuse, N. Y.

Toledo Wheelbarrow Co., Toledo, O. "Bull Frog," "Buckeye," "Clipper"

**WHEELBARROWS, Children's**

Gendron Wheel Co., Toledo, O. "Pioneer"

Gibbs Mfg. Co., Canton, O.

Murray-Ohio Mfg. Co., Cleveland, O. "Steelcraft"

Paris Mfg. Co., South Paris, Me.

Smith (S. A.) Mfg. Co., Brattleboro, Vt.

South Bend Toy Mfg. Co., South Bend, Ind.

Steel Stamping Co., Lorain, O. "Buster," "Giant Toy," "Little Giant," "Mid-Giant"

Thompson (O. E.) & Sons, Ypsilanti, Mich. "Rolls-Racer"

Toy Kraft Co., Wooster, O.

Wester Mfg. Co., Boone, Ia.

Whitney Bros. Co., Marlboro, N. H.

**WHEELS, BUFFING—See Wheels, Polishing**

**WHEELS, Corundum—See Wheels, Grinding, Emery and Corundum**

**WHEELS, Emery—See Wheels, Grinding, Emery and Corundum**

**WHEELS, Grinding, Emery and Corundum**

Abrasive Products, Inc., South Braintree, Mass. "Jewel"

American Emery Wheel Wks., Providence, R. I.

American Grinder & Specialty Corp., Fond Du Lac, Wis.

Atkins (E. C.) Co., Indianapolis, Ind. "Acrolite," "Ferrolite"

Behr-Manning Corp., Troy, N. Y. "Norton"

Berea Abrasives, Div. Cleveland Quarries Co., 1184 Builders Exch. Bldg., Cleveland, O. "Beron," "Beror"

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.

Carborundum Co., Niagara Falls, N. Y. "Aloxite," "Carborundum"

Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill. "Chicago"

Cortland Grinding Wheels Corp., Chester, Mass. "Carbora," "Oxaluma"

De Sanno (A. P.) & Son, Wheatland, Phoenixville, Pa. "Radiac"

Detroit-Star Grinding Wheel Co., Detroit, Mich. "Staralon," "Staralox"

General Hdw. Corp., 3530 W. Pierce, Milwaukee, Wis.

Goodrich Grinding Wheel Co., 1500 W. Madison, Chicago, Ill.

Luther Grinder & Tool Co., Fond du Lac, Wis.

Mid-West Abrasive Co., 2189 Beaufait Av., Detroit, Mich. "Mid-West"

Modern Grinder Mfg. Co., Fond du Lac, Wis.

Richards-Wilcox Mfg. Co., Aurora, Ill.

Safety Grinding Wheel & Machine Co., Springfield, O. "Rex," "Safety," "Safe-T-Bond"

Simonds Saw & Steel Co., Fitchburg, Mass.

Sterling Grinding Wheel Co., Tiffin, O. "Sterlith," "Sterbon"

U. S. Abrasive Products, Inc., 1330 Jackson Blvd., Chicago, Ill. "Royal"

Vitrified Wheel Co., Westfield, Mass.

Western Hdw. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Western"

Westfield Grinding Wheel Co., Westfield, Mass.

White (L. & I. J.) Co., Division of the Simonds-Worden-White Co., Dayton, O. "Dayton"

Wisconsin Abrasive Co., 184 S. Second, Milwaukee, Wis. "Minalox"

**WHEELS, Grinding, Mounted**

Behr-Manning Corp., Troy, N. Y.

Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill. "Chicago"

Dremel Mfg. Co., Racine, Wis. "Moto-Tool"

Duro Metal Products Co., 2651 N. Kildare Av., Chicago, Ill.

Excel Auto Radiator Co., 320 E. 21st, Chicago, Ill. "Toolmaster"

Monarch Mfg. Co., 711 W. Lake, Chicago, Ill. "Monarch"

Skilaw, Inc., 3310 Elston Av., Chicago, Ill. "Skilaw"

Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"

**WHEELS, Grinding, on Shanks**

Behr-Manning Corp., Troy, N. Y.

Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill. "Chicago"

Dremel Mfg. Co., Racine, Wis. "Moto-Tool"

Duro Metal Products Co., 2651 N. Kildare Av., Chicago, Ill.

Excel Auto Radiator Co., 320 E. 21st, Chicago, Ill. "Toolmaster"

Monarch Mfg. Co., 711 W. Lake, Chicago, Ill. "Monarch"

Skilaw, Inc., 3310 Elston Av., Chicago, Ill. "Skilaw"

Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"

**WHEELS, Hand Truck**

Clark (Geo. P.) Co., Windsor Locks, Conn.

Electric Wheel Co., 1300 N. 28th, Quincy, Ill.

Fairbanks Co., 393 Lafayette, New York, N. Y.

French & Hecht, Inc., 601 E. 3rd, Davenport, Ia.

General Tire & Rubber Co., Akron, O. "Jumbo Jr."

Jarvis & Jarvis, Palmer, Mass.

Lansing Co., Lansing, Mich.

Mobile Pulley & Machine Wks., Mobile, Ala.

Muselman Products Co., 6242 St. Clair Av., Cleveland, O. "Doenut"

Orangeville Mfg. Co., Orangeville, Pa.

**WHEELS, Juvenile Vehicle**

General Tire & Rubber Co., Akron, O. "Jumbo Jr."

Muselman Products Co., 6242 St. Clair Av., Cleveland, O. "Doenut"

**WHEELS, Polishing**

Booth Felt Co., Inc., 463 19th, Brooklyn, N. Y.

Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill. "Chicago"

Commonwealth Felt Co., 74 Summer, Boston, Mass. "Perfection"

Dremel Mfg. Co., Racine, Wis. "Moto-Tool"

Excel Auto Radiator Co., 320 E. 21st, Chicago, Ill. "Toolmaster"

Hunt (C. B.) & Son, Salem, O. "Quick as Wink"

Millers Falls Co., Greenfield, Mass.

Ohio Buff & Mfg. Co., Cincinnati, O.

Osborn Mfg. Co., 5401 Hamilton Av., Cleveland, O. "Disc-Center," "Economy," "Master," "Monarch," "Monitor," "Osborn," "Riehl," "Triumph" (Tampico & Wire)

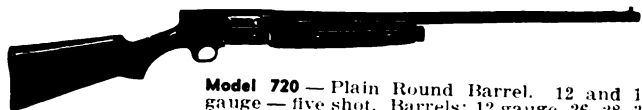
Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.

Speedway Mfg. Co., 1834 S. 52nd Av., Cicero, Ill. "Speedway"

Western Hdw. & Specialty Mfg. Co., 228 S. First, Milwaukee, Wis. "Western"

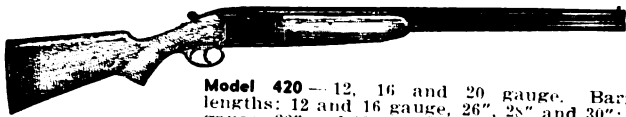
# FOX · SAVAGE · STEVENS

## SAVAGE AUTOMATIC SHOTGUNS



**Model 720** — Plain Round Barrel. 12 and 16 gauge — five shot. Barrels: 12 gauge, 26, 28, 30 and 32"; 16 gauge, 26, 28 and 30". Boring: cylinder, modified, or full choke. Retail Price **\$46.85**.  
**Model 726** — Plain round barrel — 12 or 16 gauge. 3 shot. Same specifications as Model 720 except three-shot, two in magazine, one in chamber. Retail Price **\$46.85**.

## SAVAGE OVER and UNDER SHOTGUNS



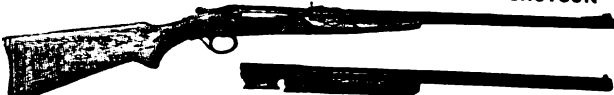
**Model 420** — 12, 16 and 20 gauge. Barrel lengths: 12 and 16 gauge, 26", 28" and 30"; 20 gauge, 26" and 28". Chokes: Modified and Full Positive lockup. Cannot shoot loose. Take-down. Extractor. Weight: 12 gauge about 7½ lbs., 16 gauge about 7½ lbs., 20 gauge about 6¾ lbs. Retail Price **\$35.30**.  
**Model 430** — Same as above, plus Selected Fancy Crotch Walnut Stock. Fluted comb. Stock and fore-end checkered. Jostam anti-flinch recoil pad. Retail Price **\$39.85**.

## SAVAGE Model 99 HI-POWER RIFLES



**Model 99-EG** — Solid Frame. Pistol grip stock. 22" barrel, calibers: .250/3000, .303, .30/30 and .22 Hi-Power; 24" barrel, caliber: .300 Savage. Weight about 7½ lbs. Retail Price **\$47.40**.  
**Model 99-G** — Take-down. Pistol grip stock, checkered. Fore-end checkered. Other specifications same as Model 99-EG. Retail Price **\$55.25**. Six other styles.

## SAVAGE UTILITY GUN RIFLE and SHOTGUN

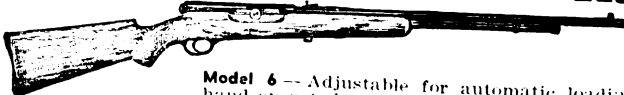


A complete rifle with an interchangeable shotgun barrel and fore-end.

Model No.	Rifle Barrel	Shotgun Barrel
221	30/30 caliber	12 gauge 30"
222	30/30 caliber	16 gauge 28"
223	30/30 caliber	20 gauge 28"
224	22 Hornet	12 gauge 28"
225	22 Hornet	16 gauge 30"
226	22 Hornet	16 gauge 28"
227	22 Hornet	20 gauge 28"

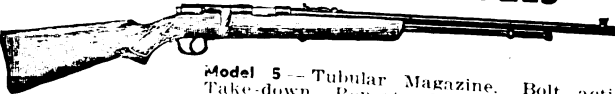
Barrels quickly interchangeable. Each model packed complete as a single unit. Retail Price **\$19.50**.

## SAVAGE AUTOMATIC .22 RIFLES



**Model 6** — Adjustable for automatic loading, hand operated repeater or single-shot. Tubular magazine. Holds 15 .22 Long Rifle cartridges regular or high speed, with lubricated bullets for automatic loading. For use as a single shot or bolt action repeater with .22 Short, Long or Long Rifle cartridges. Retail Price **\$16.40**.  
**Model 7** — Same as Model 6 except equipped with 5-shot clip magazine. Retail Price **\$14.40**.

## SAVAGE .22 CAL. RIFLES



**Model 5** — Tubular Magazine. Bolt action. Take-down. Repeater Magazine capacity: 15 .22 Long Rifle, 17 .22 Long or 21 .22 Short, regular or high speed cartridges. Retail Price **\$13.45**.  
**Model 4** — Clip Magazine. Bolt action. Take-down. Repeater. Magazine holds 5 .22 Long Rifle, 22 Long or .22 Short, regular or high speed cartridges. Retail Price **\$9.45**.  
**Model 3** — Bolt action. Single-shot. Take-down. Chambered for .22 Short, .22 Long or .22 Long Rifle, regular or high speed cartridges. Retail Price **\$5.45**.

## STEVENS .22 CAL. RIFLES



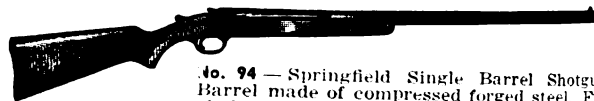
**No. 15** — Springfield. Single Shot. Youth's size. Retail price **\$4.55**.  
**No. 83** — Springfield Single-shot. Caliber .22 Long Rifle, .22 W.R.F. or .25 Stevens R.F. regular or high speed. Retail Price **\$5.05**.

**No. 84** — Springfield Five-shot Clip Magazine Repeating. Caliber .22 Long Rifle regular or high speed. Retail Price **\$9.10**.  
**No. 86** — Springfield Tubular Magazine Repeating. Magazine holds 15 .22 Long Rifle, 17 .22 Long or 21 .22 Short cartridges. Retail Price **\$11.55**.

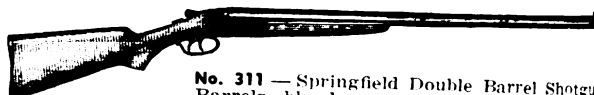
**No. 87** — Springfield Automatic Repeating Rifle. Tubular magazine holds 15 .22 Long Rifle cartridges, regular or high speed, with lubricated bullets, for automatic loading. Used as a single shot or bolt action repeater will shoot .22 Short, Long or Long Rifle cartridges. Retail Price **\$15.00**.

**No. 85** — Springfield Automatic Repeating Rifle. Same as No. 87 except equipped with 5-shot clip magazine. Retail Price **\$12.90**.

## STEVENS SHOTGUNS



**No. 94** — Springfield Single Barrel Shotgun. Barrel made of compressed forged steel. Full choke bored. 12, 16, 20 Ga., .410 Bore. Retail Price **\$8.70**.



**No. 311** — Springfield Double Barrel Shotgun. Barrels blued compressed forged steel. 12 gauge 32" and .410 bore have both barrels full choke. All other gauges and lengths are right barrel modified and left full choke. 12, 16, 20 Ga., .410 Bore. Retail Price **\$22.45**.



**No. 39** — Springfield Tubular Magazine Bolt Action .410 Bore Repeating Shotgun. 24" barrel chambered for 3" shells. 6 shot (2½" shell) five in tubular magazine, one in chamber; 5 shot (3" shell) four in tubular magazine and one in chamber. Retail Price **\$13.10**.



**Stevens No. 22-410 Over-and-Under .22 Rifle and .410 Shotgun**  
 Upper barrel—.22 L. R. regular or high speed. .22 Long or .22 Short may be used. Take-down. Retail Price **\$15.10**.



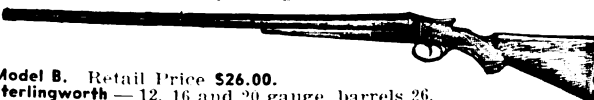
**Stevens No. 240 Over-and-Under .410 Bore Shotgun**  
 Stock and fore-end of handsome durable Tenite. White Colasta bead sight. Both barrels full choke. Retail Price **\$15.10**.



**Stevens No. 530-M Double Barrel Shotgun**  
 with stock and fore-end of handsome durable Tenite. 12-16-20 Gauge and .410 Bore. Retail Price **\$22.95**.

## FOX DOUBLE BARREL SHOTGUNS

Made by Savage Arms Corporation



**Model 8**. Retail Price **\$26.00**.  
**Sterlingworth** — 12, 16 and 20 gauge, barrels 26, 28, 30 or 32". Any desired boring. Retail Price **\$48.95**.  
**Sterlingworth** with Automatic Ejectors. Retail Price **\$61.80**.  
**Sterlingworth DeLuxe** with Recoil pad and ivory sights. Retail Price **\$52.00**.  
**Fox A Grade** — Handsomely engraved, 12, 16 and 20 gauge, barrels 26, 28, 30 or 32". Any borings, drop and length of stock optional. Retail Price **\$64.00**.  
**Fox AE Grade** — Same as above with Automatic Ejectors. Retail Price **\$77.75**.  
 Your jobber can make prompt delivery of the above fast-selling models. Write for illustrated dealer price lists showing complete lines of Savage, Stevens, and Fox Sporting Arms.

**SAVAGE ARMS CORPORATION, Dept. L-49 UTICA, NEW YORK**

Mention Hardware Age When Writing

## WHEELS, Roller Skate

Arco-Rollaway Skate Co., Inc., Marathon, N. Y.  
Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill. "Chicago." "Triple-Ware." "Zephyr"  
Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y. "Rollfast"  
Hustler Corp., Sterling, Ill.  
Kees (F. D.) Mfg. Co., Beatrice, Nebr. "Brownie," "Kees"  
Union Hdw. Co., Torrington, Conn.  
Winchester Repeating Arms Co., New Haven, Conn. "Winchester"

## WHEELS, Wagon

Bennet Mfg. Co., Westerville, O.  
Case Crane & Kilbourne Jacobs Co., Columbus, O.  
Electric Wheel Co., 1300 N. 28th, Quincy, Ill. "EWC" (Rubber & Metal)  
Empire Mfg. Co., Quincy, Ill.  
French & Hecht, Inc., 601 E. 3rd, Davenport, Ia.  
Havana Metal Wheel Co., Havana, Ill.  
Lansing Co., Lansing, Mich.  
Lebster (Phillip) & Son Co., Lancaster, Pa. "Star." "Warner"  
Mutual Wheel Co., Moline, Ill.  
Peru Wheel Co., Peru, Ill.

## WHEELS, Well

American Foundry & Mfg. Co., St. Louis, Mo.  
Colebrookdale Iron Co., Boyertown, Pa.  
Sargent & Co., New Haven, Conn.  
Weller Hardware & Fdry. Co., Horseheads, N. Y.

## WHEELS, Wheelbarrow

Atlas Car & Mfg. Co., Cleveland, O.  
Case Crane & Kilbourne Jacobs Co., Columbus, O. "K. & J." "Lewis"  
Electric Wheel Co., 1300 N. 28th, Quincy, Ill.  
French & Hecht, Inc., 601 E. 3rd, Davenport, Ia. (Rubber & Metal)  
General Tire & Rubber Co., Akron, O. "Jumbo Jr."  
Goodrich (B. F.) Co., Akron, O.  
Goodyear Tire & Rubber Co., Inc., Akron, O.  
Jackson Mfg. Co., Harrisburg, Pa.  
Lancaster Iron Works, Lancaster, Pa.  
Little (J. R.) Metal Wheel Co., Quincy, Ill.  
Musselman Products Co., 6242 St. Clair Av., Cleveland, O. "Donut"  
Orangeville Mfg. Co., Orangeville, Pa.  
Slusser-McLean Scraper Co., Sidney, O.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

WHET STONES—See Stones, Whet

WHIP SAWS—See Saws, Whip

WHIPPED CREAM MAKERS—See Makers, Whipped Cream

## WHIPS

American Whip Co., Westfield, Mass.  
Baltimore Leather Goods Co., Baltimore, Md.  
Bardall (J. C.) Co., Moundsville, W. Va.  
Barrett (W. G.) Co., Inc., Owensboro, Ky.  
Beaeker Mfg. Co., Minneapolis, Minn. "S & Q"  
Boyt Harness Co., Des Moines, Ia.  
Brauer Bros., Inc., St. Louis, Mo.  
Cargill-Cleveland & Co., Westfield, Mass.  
Craftsman Leather Specialty Co., Dayton, O.  
Crump (Benj. T.) Co., Inc., Richmond, Va.  
Duhamel Co., Rapid City, N. Dakota  
Friend (Chas.) & Son, Inc., 343 Jackson, St. Paul, Min.  
Gleckner (W. W.) Sons Co., Canton, Pa.  
Graton & Knight Mfg. Co., Worcester, Mass.  
Harper, Fred C., 1107 W. Montgomery Av., Phila., Pa.  
Harris-Kahn Saddlery Co., Cairo, Ill.  
Homann (Wm.) Saddlery Co., St. Louis, Mo.  
Hughes, Bozarth, Anderson Co., Oklahoma City, Okla.  
Independent Whip Co., Westfield, Mass.  
Kentucky Whip & Collar Co., Eddyville, Ky.  
Kopf Mfg. Co., 49 Warren, New York, N. Y.  
Merchants Supply Co., Ft. Wayne, Ind.  
New Braunfels Leather Co., Inc., New Braunfels, Tex.  
Padgett Bros. Co., Dallas, Tex. "Broncho"  
Pine, Geo. D., 89 Chambers, New York, N. Y.  
Rinson Mfg. Co., 55 W. 38th, New York, N. Y.  
Schwahn-Seyberth Co., Eau Claire, Wis.  
Shipley (Chas. P.) Saddlery & Merc. Co., Kansas City, Mo.  
Smith Worthington Saddlery Co., Hartford, Conn.  
Standard Whip Co., Westfield, Mass.  
Texas Tanning & Mfg. Co., Yoakum, Tex.  
Tolle (Gus) Co., New Braunfels, Tex.  
Underwood Whip Co., Westfield, Mass.  
Van Nostrand Saddlery Co., Muscatine, Ia. "Vanco"  
Whitman Saddle & Leather Goods Mfg. Co., Cincinnati, O.  
Windsor Whip Co., Windsor, N. Y.  
Wyeth Hdw. & Mfg. Co., St. Joseph, Mo.  
WHIPS, Carpet and Rug—See Beaters, Carpet and Rug  
WHIPS, Cream—See Beaters and Whips, Egg Cream, Etc.  
WHISK BROOM HOLDERS—See Holders, Broom, Whisk  
WHISK BROOMS—See Brooms, Whisk

## WHISTLES, Police

Field Mfg. Co., 303 5th Av., New York, N. Y.  
National Whistle Co., 724 S. Clara Av., Los Angeles, Cal.  
Union Hdw. Co., Torrington, Conn.

## WHISTLES, Referees' and Umpires'

Gotham Metal Works, 46 Walworth, B'klyn, N. Y.  
Rawlings Mfg. Co., St. Louis, Mo.  
Spalding (A. G.) & Bros., Chicopee, Mass.  
Stall & Dean Mfg. Co., Brockton, Mass.  
Union Hdw. Co., Torrington, Conn.

WHISTLES, Umpires'—See Whistles, Referees' and Umpires'

WHITE LEAD—See Lead, White

WHITE METAL WIRE CLOTH—See Cloth, Wire, Black, Brass, Bronze, Copper, Galvanized, Etc.

WHITE ZINC—See Paints

WHITEWASH BRUSHES—See Brushes, Kalsomine; also Brushes, Paint and Varnish

WHITEWASH SPRAYERS—See Sprayers, Paint

WICK CLEANERS—See Cleaners, Wick

WICK OIL STOVE AND RANGES—See Ranges, Kerosene; also Stoves, Kerosene

WICKETS, Cashiers'—See Cages and Wickets, Cashier

## WICKETS, Lawn

Stewart Iron Works Company, Inc., 408 Stewart Block, Cincinnati, O.

## WICKING, Asbestos

Asbestos Textile Co., Inc., 167 W. Wacker Drive, Chicago, Ill. "E-Z Lite." "Kwik-Lite"  
Carey (Philip) Co. (Lockland), Cincinnati, O.  
Maryland Asbestos Products Co., 2 E. Pratt, Baltimore, Md. "Supreme" (For Range Burners and Cook Stoves)  
Newton Mfg. Co., 144 Moody, Waltham, Mass. "Blue Gas." "Square Deal." "Verybeston"  
Raybestos-Manhattan, Inc. (Raybestos Div.), Bridgeport, Conn. "Raybestos Quikflame" (For Range Burners, Oil Stoves and Cook Stoves)  
Southern Asbestos Co., Charlotte, N. C. (For Range Burners and Cook Stoves)  
Standard Brake Lining Co., Gleasondale, Mass.  
Tomlinson Co., Lawrence, Mass. "Tomco" (For Range Burners and Cook Stoves)  
Triplewear Brake Linings Corp., 37 Kentucky Av., Paterson, N. J. "Flamemaster" (For oil stoves & burners)  
Union Asbestos & Rubber Co., 1821 S. 54th Av., Chicago, Ill. "Wovenstone"  
United Stove Co., Ypsilanti, Mich. "Stove-Life" (For Range Burners & Cook Stoves)  
Whitebestos, 1817 E. 14th, B'klyn, N. Y. (For Range Burners and Cook Stoves)  
WICKING, Candle—See Wicking, Cotton

## WICKING, Cotton

Atkins & Pearce Mfg. Co., Cincinnati, O.  
Bishop (Robert) Mfg. Co., South Boston, Mass. "Pioneer"  
California Cotton Mills Co., East Oakland, Cal.  
Carpenter (Geo. B.) & Co., 440 N. Wells, Chicago, Ill.  
Fricke (J. E.) Co., Phila., Pa.  
Jackson (Thos.) & Son Co., Reading, Pa.  
Lees Mfg. Co., 257 4th Av., New York, N. Y.  
Massasoit Mfg. Co., 8 White, New York, N. Y.  
Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "American." "Dixie." "Precision." "Princeton." "Striped Tiger." "Supreme"  
Toledo Pressed Steel Co., 397 Phillips Av., Toledo, O. "Toledo"  
Toohy (M. J.) & Co., Fall River, Mass.  
Westport Mfg. Co., Fall River, Mass.  
WICKING, Miners'—See Wicking, Cotton  
WICKLESS OIL STOVES AND RANGES—See Ranges, Kerosene; also Stoves, Kerosene

## WICKS, Lamp

Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
Georgia Webbing & Tape Co., Columbus, Ga.  
Jackson (T.) & Son Co., Reading, Pa.  
Lees Mfg. Co., 257 4th Av., New York, N. Y.  
Lydia Cotton Mills, Clinton, S. C.  
Miller Co., Meriden, Conn.  
Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "American." "Dixie." "Strip Tiger"  
Tuscaloosa Mills, Tuscaloosa, Ala.

## WICKS, Oil Heater and Stove

American Stove Co., Lorain Div., 1200 Long Av., Lorain, O. "Blue Bird." "Lorain"  
Atlas Asbestos Co., North Wales, Pa. "Glaswik"  
Huenefeld Co., 2701 Spring Grove Av., Cincinnati, O. "Wyr-Wov"  
Lindemann (A. J.) & Hoverson Co., Milwaukee, Wis. "Everitt"  
Maryland Asbestos Products Co., 2 E. Pratt, Baltimore, Md. "Supreme"  
Miller Co., Meriden, Conn.  
National Enameling & Stamping Co., 270 N. 12th, Milwaukee, Wis. "Nesco"

Newton Mfg. Co., 144 Moody, Waltham, Mass.  
"Kwickrings." "Kwickwicks"  
Perfection Stove Co., Inc., 7666 Platt Av., Cleveland, O. "Perfection"  
Raybestos-Manhattan, Inc. (Raybestos Div.), Bridgeport, Conn. "Raybestos Quikflame"  
Russell Mfg. Co., Middletown, Conn.  
Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y. "American." "Precision." "Striped Tiger"  
Southern Asbestos Co., Charlotte, N. C.  
Tomlinson Co., Lawrence, Mass. "Tomco"  
Top Notch Wick Co., 8 Henry, B'klyn, N. Y.  
Triplewear Brake Linings Corp., 37 Kentucky Av., Paterson, N. J. "Flamemaster"  
Union Asbestos & Rubber Co., 1821 S. 54th Av., Chicago, Ill. "Wovenstone"  
United Stove Co., Ypsilanti, Mich. "Stove-Life"  
Whitebestos, 1817 E. 14th, B'klyn, N. Y.

## WIGS, Doll

Bratting, Fred K., Bridgeport, Conn.  
Rosen & Jacoby, 34 W. 20th, New York, N. Y.

## WINCHES, Hand Power

Bridgeport, Chain & Mfg. Co., Bridgeport, Conn.  
Channon (J. N.) Corp., 1455 W. Hubbard, Chicago, Ill.  
Clyde Iron Works, Inc., Duluth, Minn.  
Dobbie Foundry & Mach. Co., Niagara Falls, N. Y. "Dobbie"  
Erie Hoist Co., Erie, Pa.  
Indiana Foundry Co., Indiana, Pa.  
Round (David) & Son, Cleveland, O.  
Stephens-Adamson Mfg. Co., 240 Ridgeway Av., Aurora, Ill.  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.  
Wright Mfg., Div. American Chain & Cable Co., Inc., York, Pa.

WINDMILL PUMPS—See Pumps, Hand and Windmill

WINDMILL REGULATOR PUMPS—See Pumps, Windmill Regulator

WINDMILL REGULATORS—See Regulators, Windmill

WINDMILL TOWERS—See Towers, Water and Windmill

## WINDMILLS

Aeromotor Co., 2500 Roosevelt Rd., Chicago, Ill.  
Appleton Mfg. Co., Batavia, Ill. "Goodhue"  
Baker Mfg. Co., Evansville, Wis. "Monitor"  
Beckman Bros., Des Moines, Ia. "B. B."  
Breyer Bros., Whiting & Co., Waupun, Wis.  
Butler Co., Butler, Ind.  
Challenge Co., Batavia, Ill. "Decoran"  
Davey (W. L.) Pump Corp., Rockford, Ill.  
Dempster Mill Mfg. Co., Beatrice, Neb.  
Elgin Windmill Co., Elgin, Ill. "Wonder"  
Fairbanks, Morse & Co., 600 S. Michigan Av., Chicago, Ill. "F-M"  
Flint & Walling Mfg. Co., Kendallville, Ind. "Star." "Zephyr"  
Heller-Allen Co., Napoleon, O. "Baker"  
Horicon Wind Mill Co., Horicon, Wis.  
Kalamazoo Tank & Silo Co., Kalamazoo, Mich. "Manvel"  
Kregel Windmill Co., Nebraska City, Nebr.  
McDaniel & Son, Litchfield, Ill. "New Era"  
Milfound Co., Waupun, Wis. "Althouse-Raymond." "Raymond." "Steel Giant." "Waupun Giant"  
Red Cross Mfg. Co., Bluffton, Ind.  
Stover Mfg. & Engine Co., Freeport, Ill. "Oil-Rite." "Samson"  
U. S. Wind Engine & Pump Co., Batavia, Ill. "Hal-laday Standard"  
Woodmanse Mfg. Co., Freeport, Ill. "Mogul." "Oil-Bath"

WIND POWER BATTERY CHARGERS—See Chargers, Battery, Wind Power

WIND SHIELD CLEANERS or WIPERS—See Cleaners, Wind Shield

## WINDERS, Springs, Hand

Blaner, John, 629 Meek, Sharon, Pa.

## WINDLASSES

Laughlin (Thos.) Co., 199 Fore, Portland, Me.  
"Duplex." "Enos." "Gypsy." "Kelley." "Pea-body"  
Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn. "Little Giant." "Navy"  
Willis (E. J.) Co., 91 Chambers, New York, N. Y. "Wilco"

WINDOW ADJUSTERS, Overhead—See Fittings, Greenhouse

WINDOW ANTI-RATTLERS—See Anti-Rattlers, Window

WINDOW BOLTS—See Bolts, Door and Window

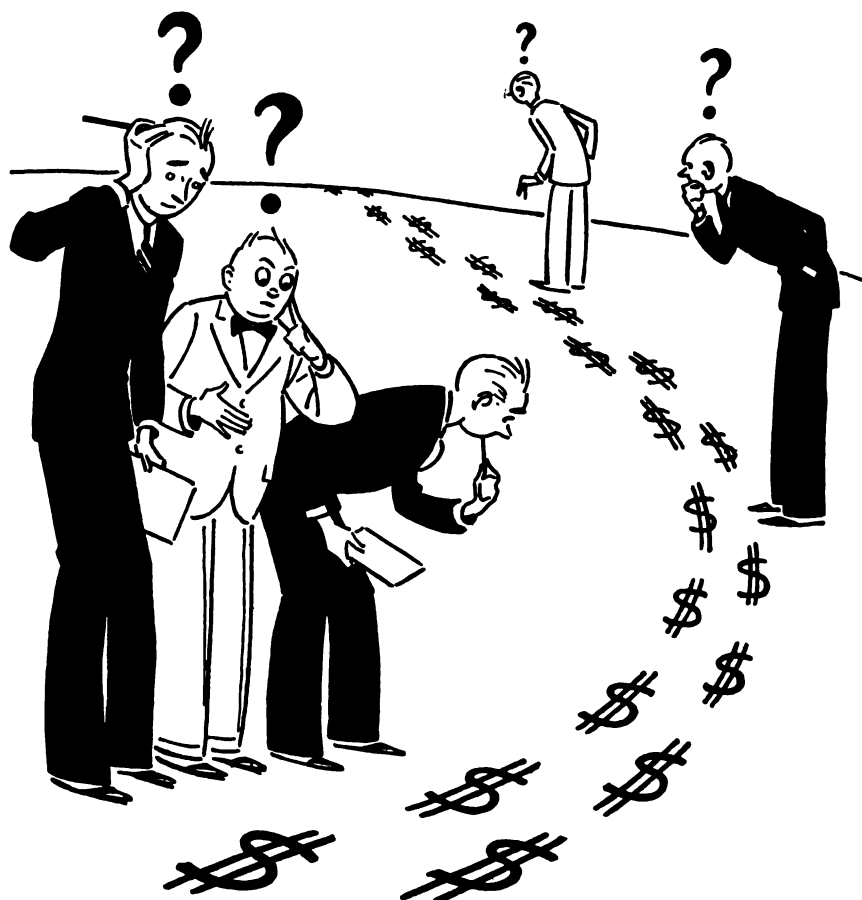
WINDOW BRUSHES—See Brushes, Window

WINDOW CASEMENT ADJUSTERS—See Adjusters, Window Casement

WINDOW CASINGS—See Casings, Door and Window, Metal

WINDOW CLEANERS—See Cleaners, Window





## You Can SAVE Those Lost Sales

By making certain that everyone in your store who meets your customers knows the merchandise they're selling and knows how to make the most of every sales opportunity.

HARDWARE AGE will keep them in touch with the best sales practices and the latest merchandising methods. Its service is the most helpful and comprehensive available to hardware men today. Encourage your sales personnel to read HARDWARE AGE regularly. It will give them a thorough grasp of current thought in the trade.

Help your men increase their sales by entering subscriptions for them today. The cost is only \$1 a year (Canadian Rate \$2. Foreign \$2.50). You will find the investment will pay you handsome dividends in a better informed and more alert sales force.

No formal order is necessary. Just fill in the coupon, attach list of names and addresses and mail today. We will send a copy of this big Merchandise Directory, at no extra cost to you, while the supply lasts and invoice you at a later date.

### USE THIS COUPON

HARDWARE AGE, 100 East 42nd Street, New York, N. Y.

Gentlemen: Please enter subscriptions for the names shown on the attached list. Also send Merchandise Directory at no extra cost to me. Bill me later at \$1. for each name listed. If personal subscription is only one desired, sign below, attach \$1. and mail today.

NAME \_\_\_\_\_

FIRM NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_

Mention Hardware Age When Writing

Digitized by Google

**WINDOW CLEANERS' BELT ANCHORS**—See Anchors, Belt, Window Cleaners'  
**WINDOW CLEANERS' BELTS**—See Belts, Window Cleaners'  
**WINDOW CLEANERS' SAFETY HOOKS**—See Anchors, Belt, Window Cleaners'  
**WINDOW CLEANING SPRAY**—See Compounds, Window Cleaning  
**WINDOW COAL CHUTES**—See Chutes, Window, Coal  
**WINDOW DISPLAYS**—See Displays, Window  
**WINDOW FLOWER BOXES**—See Boxes, Flower  
**WINDOW GLASS**—See Glass, Window  
**WINDOW GLASS RACKS**—See Racks, Window Glass  
**WINDOW HARDWARE**—See Casement Window Hardware; also Adjusters, Window, Casement  
**WINDOW HINGES**—See Hinges, Window  
**WINDOW INSECT CHASERS**—See Chasers, Insect, Screen Door and Window, Asbestos  
**WINDOW PULLS**—See Pulls, Window  
**WINDOW REFRIGERATORS**—See Refrigerators, Window  
**WINDOW SAFETY SEATS**—See Seats, Window, Safety  
**WINDOW SASH BALANCES**—See Balances, Sash  
**WINDOW SCREEN FRAMES**—See Frames, Window Screen, Knock-Down  
**WINDOW SCREEN HANGERS**—See Hangers, Window Screen  
**WINDOW SCREEN NAILS**—See Nails, Screen  
**WINDOW SCREENS**—See Screens, Window  
**WINDOW SCREENS**—See Screens, Window  
**WINDOW SHADE ADJUSTERS**—See Adjusters, Window Shade  
**WINDOW SHADE CLEANERS**—See Cleaners, Wall Paper  
**WINDOW SHADE CLOTH**—See Cloth, Window Shade  
**WINDOW SHADE PULLS**—See Pulls, Window Shade  
**WINDOW SHADE STOP PULLEYS**—See Pulleys, Stop, Window Shade  
**WINDOW SHADES**—See Shades, Window  
**WINDOW SHELVES**—See Shelves, Window  
**WINDOW SILENCERS**—See Anti-Rattlers, Window  
**WINDOW SPRAY CLEANERS**—See Compounds, Window Cleaning  
**WINDOW SPRINGS**—See Springs, Window  
**WINDOW SQUEEGES**—See Squeeges, Window  
**WINDOW STAYS**—See Stays, Window  
**WINDOW STOP ADJUSTERS**—See Adjusters, Window Stop  
**WINDOW TRIMS**—See Trims, Window  
**WINDOW VENTILATOR BRACKETS**—See Brackets, Ventilator, Window  
**WINDOW VENTILATORS**—See Ventilators, Window  
**WINDOWS, Basement**  
 Bayley (Wm.) Co., Springfield, O.  
 Detroit Steel Products Co., Detroit, Mich.  
 Gabriel Steel Co., Detroit, Mich.  
 Kewanee Mfg. Co., Kewanee, Ill.  
 Majestic Co., Huntington, Ind.  
 Milcor Steel Co., Milwaukee, Wis.  
 Quinn Wire & Iron Wks., Boone, Ia.  
 Shrauger & Johnson, Inc., Atlantic, Ia. "Chief"  
 Truscon Steel Co., Youngstown, O.  
 Vento Steel Sash Co., Muskegon Heights, Mich.  
**WINDOWS, Steel**  
 Adams Co., Dubuque, Ia.  
 Anderson Mfg. Co., Des Moines, Ia.  
 Bayley (Wm.) Co., Springfield, O.  
 Berger Mfg. Co., Div. Republic Steel Corp., Canton, O. "Berloy"  
 Campbell Metal Window Corp., 30 Rockefeller Plaza, New York, N. Y.  
 Clay Equipment Corp., Cedar Falls, Ia. "Air-Flo"  
 Detroit Steel Products Co., Detroit, Mich. "Fenestra"  
 Fireproof Products Co., Inc., 536 E. 133rd, New York, N. Y.  
 General Fireproofing Co., Youngstown, O.  
 Klawner Co., Niles, Mich.  
 Meiser Bros. Iron Co., St. Louis, Mo.  
 Ney Mfg. Co., Canton, O.  
 Shrauger & Johnson, Inc., Atlantic, Ia. "Chief"  
 Starline, Inc., 302 Front, Harvard, Ill.  
 Truscon Steel Co., Youngstown, O.  
 Vento Steel Sash Co., Muskegon Heights, Mich.  
**WINDSHIELD FAN DEFROSTERS**—See Defrosters, Windshield, Fan  
**WINDSHIELD WIPER BLADES**—See Blades, Windshield Wiper  
**WINE BARRELS**—See Barrels and Kegs, Cider, Wine, Etc.  
**WING NUTS**—See Nuts, Thumb or Wing  
**WING SCREWS**—See Screws, Wing  
**WINGS, WATER**—See Water Wings  
**WIPING CLOTHS**—See Cloths, Wiping  
**WIPING RAGS**—See Cloths, Wiping

**WIPINGS, Waste, Cotton**

Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 Bishop (Robert) Mfg. Co., South Boston, Mass.  
 "Kleanwipe," "Pioneer"  
 Bowman (D. F.) Co., New Albany, Ind.  
 Carpenter (Geo. B.) & Co., 410 N. Wells, Chicago, Ill.  
 Chicago Waste Co., 319 W. Ohio, Chicago, Ill.  
 Dallas Waste Mills, Dallas, Tex.  
 Devlin (Chas.) & Sons, Phila., Pa.  
 Diamond Waste & Wiper Co., Charlotte, N. C.  
 Domestic Sanitary Wipers Co., W. Pershing Rd. & Loomis, Chicago, Ill.  
 Egan Waste Co., 168 Front, New York, N. Y.  
 Fricke (J. E.) Co., 40 N. Front, Phila., Pa.  
 Friedlander (Julius) & Co., Columbus, Ga.  
 Fulton Bag & Cotton Mills, Inc., Atlanta, Ga.  
 Hoffman Lion Mills Co., Inc., Fall River, Mass.  
 Leshner Div. Carey (Phillip) Co., Hamilton, O. "Lesco"  
 Massasoit Mfg. Co., 8 White, New York, N. Y.  
 National Waste Co., 935 N. Halsted, Chicago, Ill.  
 Riverside Mills, Augusta, Ga.  
 Royal Mfg. Co., Rahway, N. J.  
 South Atlantic Waste Co., Charlotte, N. C.  
 Springfield Waste Co., Springfield, Mass.  
 Sweetland Waste Co., Canton Junction, Mass. "Snow-Drift"  
 Toohy (M. J.) & Co., Fall River, Mass.  
 Valley Waste Mills, La Grange, Ga.  
 Wallace (Rodney) Co., Fitchburg, Mass.  
 Woolford (N. B.) Oakum Co., 601 S. Luzerne Av., Baltimore, Md.  
**WIRE ARCHES**—See Trellises, Wire  
**WIRE BAG TIES**—See Ties, Bag, Wire  
**WIRE BAR TIES**—See Ties, Bar, Wire

**WIRE, Barbed**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "American," "Baker," "Gildren," "Lyman," "Waukegan"  
 Atlantic Steel Co., Atlanta, Ga. "Dixisteel"  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo. "Colorado," "Minnequa"  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Indiana Steel & Wire Co., Muncie, Ind.  
 Janesville Fence & Post Co., Janesville, Wis.  
 Jones & Laughlin Corp., Pittsburgh, Pa. "J & L," "Mastercraft"  
 Keystone Steel & Wire Co., Peoria, Ill. "Arrow," "Defender," "Hawthorne," "Kickapoo," "Red Brand," "Ruthless"  
 Kitzelman Bros., Muncie, Ind.  
 Leadclad Wire Co., Moundsville, W. Va. "Leadclad"  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Dualized," "Sterling"  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O. "Gulfsteel," "Republic"  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala. "Baker," "Ellwood," "Gildren," "Lyman," "USS American," "Waukegan"  
 Wheeling Steel Corp., Wheeling, W. Va.  
 Wickwire Bros., Cortland, N. Y.  
**WIRE BASKETS**—See Baskets, Wire  
**WIRE BELTING**—See Belting, Wire  
**WIRE BORDERS**—See Borders, Flower Bed  
**WIRE BRADS**—See Brads

**WIRE, Brass and Copper**

American Brass Co., Waterbury, Conn. "Anaconda"  
 American Electrical Wks., Phillipsdale, R. I.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. (Copper)  
 Anaconda Wire & Cable Co., 25 B'way, New York, N. Y.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Chase Brass & Copper Co., Waterbury, Conn.  
 Clendenin Bros., Inc., 110 South, Baltimore, Md.  
 Copperweld Steel Co., Glassport, Pa. (Copper Covered)  
 Federated Metals Corp., Chicago, Ill.  
 General Cable Corp., 420 Lexington Av., New York, N. Y.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Hayes (N. J.) Co., Baltimore, Md.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Michigan Copper & Brass Co., Detroit, Mich.  
 Murray Corp., Towson, Md.  
 Paramount Wire Co., Inc., 98 Bleecker, New York, N. Y.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Roebeling's (John A.) Sons Co., Trenton, N. J.  
 Scovill Mfg. Co., Waterbury, Conn.  
 Seymour Mfg. Co., Seymour, Conn.  
 Spargo Wire Co., Rome, N. Y.  
 Tate (E. N.) Co., 251 Causeway, Boston, Mass.  
 United Smelting & Aluminum Co., New Haven, Conn.  
 Waterbury Rolling Mills, Waterbury, Conn.

**WIRE, Brass, Spring**

American Brass Co., Waterbury, Conn. "Anaconda"  
 Hayes (N. J.) Co., Baltimore, Md.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Murray Corp., Towson, Md.  
 Scovill Mfg. Co., Waterbury, Conn.

**WIRE, Bronze**—See Wire, Phosphor Bronze  
**WIRE BROOMS**—See Brooms, Wire  
**WIRE BRUSHES**—See Brushes, Wire  
**WIRE CABLE**—See Rope or Cable, Wire  
**WIRE CAGES and WICKETS**—See Cages and Wickets, Cashiers'  
**WIRE CHAIRS**—See Chairs, Lawn  
**WIRE CLOTH**—See Cloth, Wire  
**WIRE CLOTH MEASURING MACHINES**—See Measuring Machines, Wire Cloth  
**WIRE CLOTH RACKS**—See Racks, Wire Cloth  
**WIRE, Copper**—See Wire, Brass and Copper

**WIRE, Coppered**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Consolidated Wire & Associated Corp., Chicago, Ill.  
 Continental Steel Corp., Kokomo, Ind.  
 Hayes (N. J.) Co., Baltimore, Md.  
 Laclede Steel Co., Arcade Bldg., St. Louis, Mo.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Roebeling's (John A.) Sons Co., Trenton, N. J.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
 Wickwire Bros., Cortland, N. Y.  
**WIRE CUTTERS**—See Cutters, Rod, Wire and Bar  
**WIRE DOLL BEDS**—See Beds, Doll  
**WIRE DRILLS**—Sets, Drill  
**WIRE FENCE**—See Fence, Wire  
**WIRE FISHING LINES**—See Lines, Fishing, Metal, Braided and Twisted

**WIRE FORMS**

American Spring & Mfg. Corp., Holly, Mich.  
 American Spring & Wire Specialty Co., 814 N. Spaulding Av., Chicago, Ill.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 Brooks (M. S.) & Sons, Chester, Conn.  
 Butcher & Hart Mfg. Co., Toledo, O.  
 Chicago Coil Spring Co., Chicago, Ill.  
 Cleveland Chain & Mfg. Co., Cleveland, O.  
 Cleveland Wire Spring Co., Cleveland, O.  
 Fischer (Chas.) Spring Co., 240 Kent Av., B'klyn., N. Y.  
 Hindley Mfg. Co., Valley Falls, B. I.  
 Hunter Pressed Steel Co., Lansdale, Pa.  
 Parker Wire Goods Co., Worcester, Mass.  
 Robertson Steel & Iron Co., 71 Elm, Cincinnati, O.  
 Roebeling's (John A.) Sons Co., Trenton, N. J.  
 Smith Bros. Machine Co., New Britain, Conn.  
 Stimpson (Edward B.) Co., 68 Franklin, B'klyn., N. Y.  
 Thomas Mfg. Co., Cedar Rapids, Iowa.  
 Titchener (E. H.) & Co., Binghamton, N. Y.  
 Western Wire Products Co., 4115 S. 18th, St. Louis, Mo.

**WIRE, Fuse, Electric**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Bussman Mfg. Co., St. Louis, Mo.  
 Chase-Shawmut Co., Newburyport, Mass.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Jefferson Electric Co., Bellwood, Ill.  
 Westinghouse Electric Co., E. Pittsburgh, Pa.  
**WIRE GAGES**—See Gages, Sheet Metal and Wire; also Gages, Drill  
**WIRE, Galvanized**—See Wire, Plain and Galvanized  
**WIRE GLASS**—See Glass, Wire

**WIRE GOODS**

Brooks (M. S.) & Sons, Chester, Conn.  
 Hindley Mfg. Co., Valley Falls, R. I.  
 Judd (H. L.) Co., Wallingford, Conn.  
 Merrill Mfg. Corp., Merrill, Wis.  
**WIRE GRIPS**—See Grips, Wire  
**WIRE HINGES**—See Hinges, Wire

**WIRE, Insulated**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O. "Americore," "Amerite," "Amparak"  
 Anaconda Wire & Cable Co., 25 B'way, New York, N. Y.  
 Belden Mfg. Co., Chicago, Ill.  
 Bishop Wire & Cable Corp., 420 E. 25th, New York, N. Y.  
 Boston Insulated Wire & Cable Co., Boston, Mass.  
 Collyer Insulated Wire Co., Pawtucket, R. I.  
 Consolidated Wire & Associated Corp., Chicago, Ill.  
 Copperweld Steel Co., Glassport, Pa.  
 Crescent Insulated Wire & Cable Co., Trenton, N. J.  
 Electrotrim, Inc., Union City, Ind.  
 General Cable Corp., 420 Lexington Av., New York, N. Y.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "Delta Beston," "G-E," "Red Core"  
 Goodrich-Lenhardt Mfg. Co., Hamburg, Pa. "M P"  
 Habirshaw Cable & Wire Corp., Yonkers, N. Y.  
 Hazard Insulated Wire Wks., Div. of Okonite Co., Wilkes-Barre, Pa.  
 Indiana Rubber & Insulated Wire Co., Jonesboro, Ind. "Paranite"  
 Kellogg Switchboard & Supply Co., Chicago, Ill.

THE NAME **SILVER LAKE** STAMPED ON EVERY FOOT

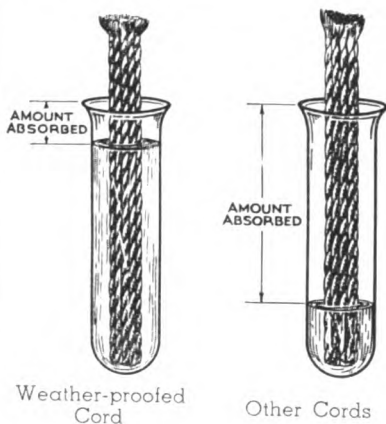
● PACKED IN CARTONS ●  
OUR WEATHER PROOFED THE  
BETTER SASH CORD



**SILVER LAKE CO.**

{ Mills — Chattanooga, Ga.  
Sales — 99 Chauncy St., Boston

LOWER PRICED GRADES  
EDDYSTONE  
PELHAM  
NUCORD  
BENGAL



### SILVER LAKE GOLDEN WEATHER-PROOFED SASH CORD

This new Weather-proofed Cord has been added to the popular Silver Lake line. It is protected against the weather by our special process which "seals" out moisture from the air and protects the cord as paint protects wood.

Besides being Weather-proofed, this special process makes the cord more flexible and easier running. Easily cleaned with a damp cloth.

Note the simple test here illustrated. It proves the ability of Silver Lake to resist moisture absorption.



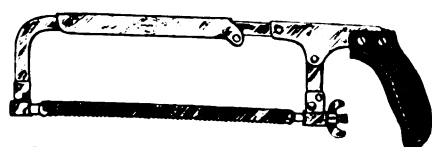
### MONARCH HACK SAW BLADES

Now A Complete Line of Monarch Hack Saws

Monarch High Speed  
Monarch Molybdenum  
Monarch Double Hardened  
Monarch Standard Tungsten  
Monarch Key Hole

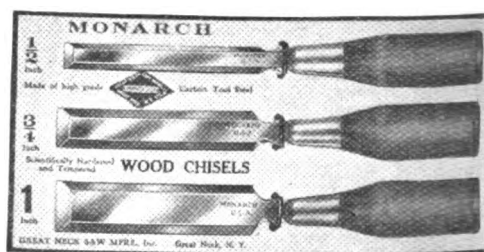
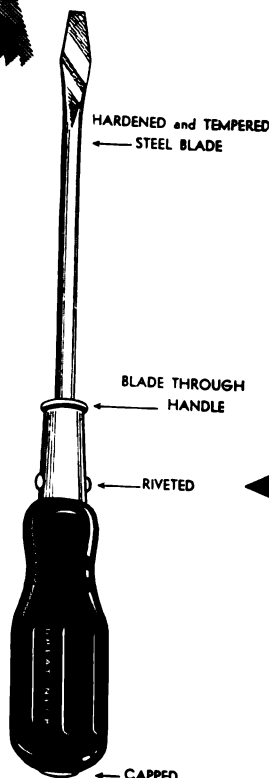
Also  
Challenger Brand Blades  
of  
High Grade Carbon Tool Steel

From these types you can select and recommend blades suitable for mechanics, plumbers, electricians, for every shop use and for general maintenance work.



### MONARCH HACK SAW FRAMES

No. 201 Adjustable Frame with comfortable pistol grip handle. Blade is tightened by wing nut locked in back of frame and may be faced in four directions. 1 in box, with-out blades.



### MONARCH WOOD CHISELS

Made of high grade carbon tool steel in three popular sizes— $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1".

- (a) with wooden handles especially adapted for use with mallet by protective leather washer and steel ferrule. 1 doz. per box or 3 on display card.
- (b) with Amber unbreakable handles for long hard usage. Packed 3 assorted per box.

### ← GREAT NECK SCREW DRIVERS

A mechanic's twistproof Screw Driver in all popular sizes. Wooden handles. Hardened and tempered steel blades. 1 doz. per box; also in attractive counter display box of 1 doz. each of the 3 most popular sizes.

Amberloid Screw Drivers in all standard sizes; hardened and polished tool steel shanks and unbreakable celluloid handles.

Phillips Screw Drivers for Phillips recessed screws. A complete line; hardened and polished tool steel shanks; hardwood handles.

**GREAT NECK SAW MFGRS., Inc., Office & Factory, Great Neck, L.I.**



**WIRE, insulated (Continued)**

Kerite Insulated Wire & Cable Co., 30 Church, New York, N. Y.  
 Lowell Insulated Wire Co., Lowell, Mass.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 National India Rubber Co., Bristol, R. I.  
 Okonite Co., Passaic, N. J.  
 Packard Electric Co., Warren, O.  
 Roebling's (John A.) Sons Co., Trenton, N. J.  
 Royal Electric Co., Inc., 91 Grand Av., Pawtucket, R. I. "Royal"  
 Simplex Wire & Cable Co., 79 Sidney, Cambridge, Mass.  
 United States Rubber Co., 1230 6th Av., New York.  
 Whitney Blake Co., New Haven, Conn.

**WIRE INSULATOR CLIPS**—See Clips, Insulator, Wire

**WIRE LAMP SHADE FRAMES**—See Frames, Lamp Shade, Wire

**WIRE LATH**—See Lath, Wire

**WIRE, Mattress**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Wickwire Bros., Cortland, N. Y.  
 Wickwire Spencer Steel Co., 500 5th Ave., New York, N. Y.

**WIRE NAILS**—See Nails, Wire

**WIRE NETTING**—See Netting, Wire

**WIRE PARTITIONS**—See Partitions, Woven Wire

**WIRE, Phosphor Bronze**

American Brass Co., Waterbury, Conn. "Anaconda"  
 General Cable Corp., 480 Lexington Av., New York, N. Y.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Phosphor Bronze Smelting Co., Phila., Pa.  
 Riverside Metal Co., Riverside, N. J. "Omega"

**WIRE, Picture**

American Wire Fabrics Corp., 500 Fifth Av., New York, N. Y. "Wisco"  
 Carpenter Mfg. Co., Norwich, Conn.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Murray Corp., Towson, Md. "Quality Marked"  
 Paramount Wire Co., Inc., 98 Bleeker, New York, N. Y. (Silk Covered)  
 Roebling's (John A.) Sons Co., Trenton, N. J.  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass. "Bull Dog"  
 Turner & Stanton Co., Norwich, Conn.  
 Wickwire Spencer Steel Co., 500 5th Av., New York, N. Y. "Wisco"

**WIRE PIPE HOOKS**—See Hooks, Pipe, Wire

**WIRE, Plain and Galvanized**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Hayes (N. J.) Co., Baltimore, Md.  
 Indiana Steel & Wire Co., Muncie, Ind.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"  
 Keystone Steel & Wire Co., Peoria Ill. (Galvanized)  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Laclede Steel Co., Arcade Bldg., St. Louis, Mo.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Mid-States Steel & Wire Co., Crawfordsville, Ind. "Galvannealed"  
 Murray Corp., Towson, Md.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
 Paramount Wire Co., Inc., 98 Bleeker, New York, N. Y.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Roebling's (John A.) Sons Co., Trenton, N. J.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Superior Steel & Wire Co., Knightstown, Ind.  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 Wheeling Steel Corp., Wheeling, W. Va. "Wheeling"  
 Wickwire Bros., Cortland, N. Y.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y. (Galvanized)  
 Youngstown Steel Products Co., Youngstown, O.  
**WIRE POULTRY NETTING MEASURING MACHINES**—See Measuring Machines, Wire Poultry Netting  
**WIRE PULLERS**—See Pullers, Wire; also Stretchers, Fence and Wire

**WIRE, Radio**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Belden Mfg. Co., Chicago, Ill.  
 Birnback Radio Co., Inc., 145 Hudson, New York, N. Y.  
 Consolidated Wire & Associated Corp., Chicago, Ill.  
 Copperweld Steel Co., Glassport, Pa.  
 Cornish Wire Co., Inc., 30 Church, New York, N. Y.  
 Florn (M. M.) & Son, Inc., Trenton, N. J.  
 Lowell Insulated Wire Co., Lowell, Mass.  
 Paramount Wire Co., Inc., 98 Bleeker, New York, N. Y.  
 Roebling's (John A.) Sons Co., Trenton, N. J.  
 Swan-Haverstock, Inc., Trenton, N. J.

**WIRE RAILINGS**—See Railings, Wire, Partition

**WIRE REINFORCEMENT, Concrete**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Continental Steel Corp., Kokomo, Ind.  
 Laclede Steel Co., Arcade Bldg., St. Louis, Mo.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**WIRE RIVETS**—See Rivets, Wire

**WIRE ROOF SIGNS**—See Signs, Metal

**WIRE ROPE**—See Rope or Cable, Wire

**WIRE ROPE CLIPS, DROP FORGED**—See Clips, Wire Rope, Drop Forged

**WIRE ROPE CLIPS, MALLEABLE**—See Clips, Wire Rope, Malleable

**WIRE ROPE FITTINGS**—See Fittings, Wire Rope

**WIRE ROPE SHACKLES**—See Shackles, Wire Rope

**WIRE ROPE SHEAVES**—See Sheaves, Wire and Manila Rope

**WIRE ROPE SOCKETS**—See Sockets, Wire Rope

**WIRE ROPE HOOKS AND THIMBLES**—See Hooks and Thimbles, Wire Rope

**WIRE ROPE TRAMWAYS**—See Tramways, Wire Rope

**WIRE SASH CORD**—See Cord, Sash, Wire

**WIRE SCREEN CLOTH**—See Cloth, Wire, Aluminum, Black, Brass, Bronze, Copper, Galvanized, Etc.

**WIRE SCREEN, GLASS SUBSTITUTE**—See Glass Substitute, Flexible

**WIRE SETTEES**—See Furniture, Garden, Lawn and Porch

**WIRE SLINGS**—See Slings, Wire and Manila Rope

**WIRE SOLDER**—See Solder, Bar and Wire

**WIRE SPlicERS**—See Splicers, Wire

**WIRE, Spooled**

American Brass Co., Waterbury, Conn. "Anaconda"  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Consolidated Wire & Associated Corp., Chicago, Ill.  
 General Electric Co., 1285 Boston Av., Bridgeport, Conn. "G-E"  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Paramount Wire Co., Inc., 98 Bleeker, New York, N. Y.  
 Prentiss (Geo. W.) & Co., Holyoke, Mass.  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 Turner & Stanton Co., Norwich, Conn.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**WIRE, Spring**—See Wire, Brass; also Wire, Steel

**WIRE SPRINGS**—See kind desired under Springs

**WIRE STAPLES**—See Staples, Wire; also Hasps and Staples

**WIRE, Stapling**

Acme Steel Co., Chicago, Ill.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Roebling's (John A.) Sons Co., Trenton, N. J.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Wickwire Bros., Cortland, N. Y.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**WIRE, Steel**

American Steel Co., Pittsburgh, Pa.  
 American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Bethlehem Steel Co., Bethlehem, Pa.  
 Buffalo Bolt Co., No. Tonawanda, N. Y.  
 Cary Spring Wks., 240 W. 29th, New York, N. Y.  
 Cedarburg Wire & Wire Nail Co., Cedarburg, Wis.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 Crucible Steel Co. of America, 405 Lexington Av., New York, N. Y.  
 Driscoll Wire Co., Shelton, Conn.  
 Gulf States Steel Co., Birmingham, Ala.  
 Hayes (N. J.) Co., Baltimore, Md.

Indiana Steel & Wire Co., Muncie, Ind.  
 Jones & Laughlin Steel Corp., Pittsburgh, Pa. "J & L"

Keystone Steel & Wire Co., Peoria, Ill.  
 Laclede Steel Co., Arcade Bldg., St. Louis, Mo.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"

Norton Iron Wks., Ashland, Ky.  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
 Paramount Wire Co., Inc., 98 Bleeker, New York, N. Y.

Philadelphia Steel & Wire Corp., Phila., Pa.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Pittsburgh Tool Steel Wire Co., Monaca, Pa.  
 Prentiss (G. W.) & Co., Holyoke, Mass.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Roebling's (John A.) & Sons Co., Trenton, N. J.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"

Washburn Wire Co., 550 E. 118th, New York, N. Y.  
 Wickwire Bros., Cortland, N. Y.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

Wilson Steel & Wire Co., Chicago, Ill.

Youngstown Steel Products Co., Youngstown, O.

**WIRE STEEL RODS**—See Rods, Wire Steel

**WIRE, Steel, Spring**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Bethlehem Steel Co., Bethlehem, Pa. "Cambria"  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Hayes (N. J.) Co., Baltimore, Md.  
 Indiana Steel & Wire Co., Muncie, Ind. "Imperial"  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Page Steel & Wire Div. American Chain & Cable Co., Inc., Monessen, Pa.  
 Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.  
 Republic Steel Corp., Republic Bldg., Cleveland, O.  
 Roebling's (John A.) Sons Co., Trenton, N. J.  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Washburn Wire Co., Inc., 550 E. 118th, New York, N. Y. "Waterbury Peerless" (Music)  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**WIRE, Stove Pipe**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Hayes (N. J.) Co., Baltimore, Md.  
 Laclede Steel Co., Arcade Bldg., St. Louis, Mo.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Murray Corp., Towson, Md.  
 Northwestern Steel & Wire Co., Sterling, Ill. "Sterling"  
 Paramount Wire Co., Inc., 98 Bleeker, New York, N. Y.  
 Reynolds Wire Co., Dixon, Ill. "Sun-Red Edge" (Rustproofed)  
 Sheffield Steel Corp., Sheffield Station, Kansas City, Mo. "Sheffield"  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
**WIRE STRETCHERS**—See Stretchers, Fence and Wire; also Pullers, Wire  
**WIRE STRIPPERS**—See Strippers, Wire  
**WIRE TACKS**—See Tacks, Wire  
**WIRE TANK BALL STEMS**—See Tank Ball Stems, Wire  
**WIRE TIE TWISTERS**—See Twistors, Wire Tie  
**WIRE TIGHTENERS**—See Tighteners, Wire

**WIRE, Tinned**

American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 Continental Steel Corp., Kokomo, Ind.  
 General Cable Corp., 420 Lexington Av., New York, N. Y.  
 Hayes (N. J.) Co., Baltimore, Md.  
 Laclede Steel Co., Arcade Bldg., St. Louis, Mo.  
 Malin & Co., Inc., 2514 Vestry Av., Cleveland, O.  
 Paramount Wire Co., Inc., 98 Bleeker, New York, N. Y.  
 Roebling's (John A.) Sons Co., Trenton, N. J.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
 Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 Wickwire Bros., Cortland, N. Y.  
 Wickwire Spencer Steel Co., 500 Fifth Av., New York, N. Y.

**WIRE TRELLISES**—See Trellises

**WIRE TYING MACHINES**—See Machines, Wire Tying

**WIRE, Welding**—See Rods, Welding

**WIRE WHEEL BRUSHES**—See Brushes, Wire Wheel

**WIRING CLEATS**—See Cleats, Wiring, Porcelain

**WIRING KNOBS**—See Knobs, Wiring, Porcelain

**WIRING TUBES**—See Tubes, Wiring, Porcelain

**WOLF DRAGS**—See Drags, Fox and Wolf

**WOOD ALCOHOL**—See Alcohol, Denatured

**WOOD BAND SAWS**—See Saws, Band, Wood Cutting

**WOOD BITS**—See Bits, Auger

# HERE'S HOW To Obtain Business NOW!

Distribute information of your products or services to all your prospects and customers at frequent intervals. Never let up educating them on the merits of what you have to offer.

Remember there is no greater or more important business than that of disseminating information—He who does this well—Prosper!

And if your information is to be sent to wholesale and retail hard-

ware dealers and other distributors in the hardware trade we feel certain we can help you.

For we have available to you an addressing and mailing service, and can supply you with mailing lists, that we do not hesitate to say will assure your Direct Mail Sales Promotion Advertising maximum success.

We shall be glad to give you the details.

## HARDWARE AGE

Direct Mail Addressing Department

100 East 42nd St. + New York, N. Y.

**WOOD, Airplane & Boat Model**

Cleveland Model & Supply Co., Inc., 4508-D87 Lorain Av., Cleveland, O. "C-D" (Strips & Sheets)

**WOOD BORING BRACE DRILLS**—See Drills, Wood Boring Brace

**WOOD BORING DRILL SETS**—See Sets, Drill

**WOOD CARVING TOOLS**—See Tools, Wood Carving  
**WOOD CHOPPERS' MAULS**—See Mauls, Wood Choppers'

**WOOD CHOPPERS' WEDGES**—See Wedges, Wood Choppers'

**WOOD CONSTRUCTION TOYS**—See Construction Toys

**WOOD "D" HANDLES**—See Handles, "D," Steel and Wood

**WOOD DYES**—See Stains, Oil; also Stains, Varnish

**WOOD FILLERS**—See Fillers, Wood; also Paints; also Varnishes

**WOOD FILLET**—See Fillet, Leather and Wood

**WOOD FLOOR BEAM BRACES**—See Braces, Wood Floor Beam

**WOOD HEATERS**—See Heaters, Wood

**WOOD HOLDERS**—See Holders, Wood

**WOOD HORSES**—See Horses, Steel and Wood

**WOOD ICE TUBS**—See Tubs, Ice, Wood

**WOOD INSULATOR BRACKETS**—See Brackets, Insulator, Wood

**WOOD INSULATOR PINS**—See Pins, Insulator, Wood

**WOOD JOINT FASTENERS**—See Fasteners, Wood Joint

**WOOD OR COAL CIRCULATING HEATERS**—See Heaters, Circulating, Coal or Wood

**WOOD OVERHEAD ACTING GARAGE DOORS**—See Doors, Garage, Overhead Acting, Steel or Wood

**WOOD PASTES**

Acme Oil Wks., 25 So. Front, Phila., Pa.  
Midway Chemical Co., Div. American Home Products Corp., 275 Cornelison Av., Jersey City, N. J.

"E-Z-Wood," "Radiant"  
Premier Chemical Corp., Cleveland, O. "Norbo"  
Ray-O-Vac Co., Madison, Wis. "Phix"

Savogren Co., India Wharf, Boston, Mass.  
Sheffield Bronze Powder & Stencil Co., 12405 Euclid Av., Cleveland, O. "Wood Fix"

So-Lo Works, Cincinnati, O. "Can-O-Wood"

Tilette Cement Co., Inc., 401 Lafayette, New York, N. Y.

Tongue (R. E.) & Bros. Co., Inc., Allegheny & Amber, Phila., Pa. "Retco"

Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.

**WOOD PLANES**—See Planes, Wood

**WOOD, Plastic**

Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J. "Plastic Wood"

**WOOD PRESERVERS**—See Preservers, Metal, Leather, Wood, Canvas, etc., see also Carbolignum and Cresote

**WOOD PULLEYS**—See Pulleys, Wood

**WOOD PUMP RODS**—See Rods, Pump, Wood

**WOOD SASH PUTTY**—See Putty, Sash, Wood

**WOOD SAW FRAMES**—See Frames, Wood Saw

**WOOD SAWS**—See Saws, Buck

**WOOD SCREWS**—See Screws, Wood

**WOOD SHELVING**—See Shelving, Wood

**WOOD STAINS**—See Stains, Oil; also Stains, Varnish; also Paints; also Varnishes

**WOOD STOVES**—See Stoves, Wood

**WOOD TANKS**—See Tanks, Wood

**WOOD TURNINGS**—See Turnings, Wood

**WOOD VENETIAN BLIND SLATS**—See Slats, Wood, Venetian Blind

**WOOD TOYS**

Anchor Toy Corp., Coudersport, Pa.  
Bar Zim Toy Mfg. Co., Inc., 930 Newark Av., Jersey City, N. J.

Clement Toy Co., North Weare, N. H.  
Fisher-Price Toys, Inc., East Turora, N. Y. "Chubby Chief" "Pushy-Piggy" "Woody-Wee"

Gibbs Mfg. Co., Canton, O.

Root (A. L.) Co., Medina, O. "Mak-A-Kit"

Stiles (H. A.) & Co., Boston, Mass.

Strombeck-Becker Mfg. Co., Moline, Ill. (Trains)

Toy Tinkers, Inc., Evanston, Ill.

Transogram Co., Inc., 200 Fifth Av., New York, N. Y. "Gold Medal"

**WOODEN BALLS**—See Balls, Wooden

**WOODEN BANKS, Toy**—See Banks, Wood

**WOODEN BARRELS**—See under Barrels

**WOODEN BARROWS**—See Wheelbarrows, All Types and Classifications

**WOODEN BOATS, Toy, Mechanically Operated**—See Boats, Toy, Mechanically Operated

**WOODEN BOWLS**—See Bowls, Wooden

**WOODEN BUCKETS**—See Pails and Buckets, Wooden

**WOODEN BUNGS**—See Bungs, Wooden

**WOODEN DOLL BEDS**—See Beds, Doll

**WOODEN DOLLS**—See Dolls, Wood

**WOODEN DOWEL PINS**—See Rods, Dowel, Wooden

**WOODEN DOWEL RODS**—See Rods, Dowel, Wooden

**WOODEN HAMMERS**—See Mallets, Wooden

**WOODEN HANDLE SPOONS**—See Spoons, Wooden Handle

**WOODEN HOSE MENDERS**—See Menders, Hose

**WOODEN KITS**—See Pails and Buckets, Wooden

**WOODEN KNOBS**—See Knobs, Wooden

**WOODEN MALLETS**—See Mallets, Wooden

**WOODEN MATS**—See Mats, Wooden, Flexible

**WOODEN MAULS**—See Mauls, Wooden

**WOODEN PAILS**—See Pails and Buckets, Wooden

**WOODEN PLUGS**—See Plugs, Wooden

**WOODEN PUMPS**—See Pumps, Wooden

**WOODEN SNOW SCOOPS**—See Scoops, Snow, Wooden

**WOODEN SPOONS**—See Spoons, Wooden

**WOODEN TOYS**—See kind desired

**WOODEN TUBS**—See Pails and Buckets, Wooden

**WOODEN WARE**—See Ware, Wooden

**WOODEN WEDGES**—See Wedges, Box, Spoke and Tool

**WOODWORKERS' CLAMPS**—See Clamps, Woodworkers'

**WOODWORKERS' VISES**—See Vises, Woodworkers'

**WOODWORKING MACHINERY**, Homecraft—See Machines, Woodworking, Homecraft; also Tools, Homecraft, Electric

**WOOL, Aluminum**

Springfield Metal Wool Co., 1880 Clifton Ave., Springfield, O.

**WOOL, Copper**

Belmont Smelting & Refining Works, Inc., 317 Belmont Av., B'klyn, N. Y.

**WOOL DUSTERS**—See Dusters, Wool

**WOOL FAT COMPOUNDS**—See Compounds, Wool Fat

**WOOL, Lead**

Alpha Metal & Rolling Mills, Inc., 360 Hudson Av., B'klyn, N. Y.

Belmont Smelting & Refining Works, Inc., 317 Belmont Av., B'klyn, N. Y.

National Lead Co., 111 B'way, New York, N. Y.

**WOOL, Rock**

(See also Insulation)

Acme Asbestos Covering & Flooring Co., 230 N. Elizabeth, Chicago, Ill. "Acme"

American Rock Wool Co., Wabash, Ind. "American"

Barrett Co., 40 Rector, New York, N. Y. "Barrett"

Carey (Philip) Co. (Lockland) Cincinnati, O. "Rocktex"

Celotex Corp., 919 N. Michigan Av., Chicago, Ill. "C-X"

Chamberlin Metal Weather Strip Co., Inc., 1254 La Brosse, Dept. HA, Detroit, Mich. "Chamberlin"

Columbia Mineral Wool Co., 9 S. Clinton, Chicago, Ill.

Eagle-Picher Lead Co., Temple Bar Bldg., Cincinnati, O.

Ehret Magnesia Mfg. Co., Valley Forge, Pa.

General Insulating & Mfg. Co., Alexandria, Ind.

Glendon Mineral Wool Co., 447 E. North, Bethlehem, Pa. "Glendon"

Homasote Co., Trenton, N. J.

Johns-Manville Corp., 22 E. 40th, New York, N. Y. "Banroc"

Keasbey & Mattison Co., Ambler, Pa.

Ludowice Celadon Co., 104 S. Michigan Av., Chicago, Ill. "Ludowice"

Masonite Corp., 111 W. Washington, Chicago, Ill.

National Gypsum Co., Inc., 192 Delaware Av., Buffalo, N. Y. "Gold Bond"

Norristown Magnesia & Asbestos Co., Norristown, Pa.

Rock Wool Products Co., Wabash, Ind.

Ruberoid Co., 500 Fifth Av., New York, N. Y.

Sall Mountain Co., 176 W. Adams, Chicago, Ill. "Sal-Mo"

Samson Plaster Board Co., Crosby Bldg., Buffalo, N. Y.

Standard Asbestos Mfg. Co., 818 W. Lake, Chicago, Ill.

Standard Asbestos Mfg. & Insulating Co., 10 N. Oliver, Kansas City, Mo.

Standard Lime & Stone Co., First Nat. Bank Bldg., Baltimore, Md.

Therminsul Corp. of America, Kalamazoo, Mich.

Union Fibre Co., Inc., Winona, Minn. "Union"

United States Gypsum Co., 302 W. Adams, Chicago, Ill. "Red Top" "Thermofill"

United States Mineral Wool Co., 299 Madison Av., New York, N. Y.

Wyodak Chemical Co., 4630 E. 71st, Cleveland, O. "WyO-Lite"

Zonolite Corp. of Montana, 5905 2nd, Detroit, Mich. "Zonolite"

**WOOL, Steel**

American Steel Wool Mfg. Co., Inc., 4224 Orchard, Long Island City, N. Y. "American," "Handi-Rolls," "Ideal"

Brillo Mfg. Co., 205 Water, B'klyn., N. Y. "Supreme"

Eagle Steel Wool Co., 6201 W. 65th, Chicago, Ill. International Steel Wool Co., Springfield, O. "Elephant," "Rid"

Rhodes (James H.) & Co., 157 W. Hubbard, Chicago, Ill. "Beaver"

Rinn (Albert E.) Co., Allentown, Pa. "Perfection"

Williams Co., London, O. "Sunray"

**WORK BENCHES**—See under Benches

**WORKING GLOVES**—See Gloves and Mittens, Canvas, Cotton, Leather, Etc.

**WORM CAST RAKES**—See Rakes, Putting Green

**WORM CHARMERS, Electric**

Premax Products Div. Chisholm-Ryder Co., Inc., 9900 College Av., Niagara Falls, N. Y. "Premax"

**WORM GEAR HOBS**—See Hobs

**WOVEN JUTE RUGS**—See Rugs, Jute, Woven

**WRAPPING COUNTERS**—See Fixtures, Display, Hardware

**WRAPPING PAPER**—See Paper, Wrapping

**WRAPPING PAPER CUTTERS**—See Cutters, Paper, Roll

**WRAPPING TWINE**—See Twine, Wrapping

**WREATHS, Christmas**

Hahn, Arthur W., 199 Lafayette, New York, N. Y.

Noma Electric Corp., 55 W. 13th, New York, N. Y. "Noma"

Pollock (Leo.) Corp., 644 B'way, New York, N. Y. "Polly"

Raylite Trading Co., Inc., 826 B'way, New York, N. Y. "Paramount"

**WRECKING BARS**—See Bars, Wrecking

**WRENCH SETS, OPEN END**—See Sets, Wrench, Open End

**WRENCH SETS, Socket**—See Sets, Socket Wrench

**WRENCHES, Adjustable**

Andree Wrench Co., Oak Park, Ill.

Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.

Bergman Tool Mfg. Co., Buffalo, N. Y. "Queen City"

Billings & Spencer Co., Hartford, Conn. "B & C," "Briggs," "Goes," "Knife Handle," "Triangle B"

Bridgeport, Hdw. Mfg. Corp., Bridgeport, Conn. "Bridgeport"

Bonney Forge & Tool Works, Allentown, Pa. "Bonney"

Chicago Mfg. & Distributing Co., 1958 W. 46th, Chicago, Ill. "Speednut"

Cincinnati Ball Crank Co., Cincinnati, O. "Fits-all," "Super Service"

Corry Wrench Co., Corry, Pa.

Crescent Tool Co., Jamestown, N. Y. "Crescent," "Crestology"

Danielson (J. P.) Co., Inc., Jamestown, N. Y.

Diamond Calk Horseshoe Co., 4622 Grand Av., Duluth, Minn. "Diamalloy," "Diamond"

Erie Tool Works, Erie, Pa.

Fairmount Tool & Forging Co., Cleveland, O.

Harrold (H. J.) Tool Co., Columbiana, O.

Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J. "Masterench"

Herbrand Co., Fremont, O.

Leystone Mfg. Co., Buffalo, N. Y. "Westcott S"

Marion Tool Corp., Marion, Ind.

P & C Hand Forged Tool Co., Portland, Ore.

Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"

Pratt (W. E.) Mfg. Co., Joliet, Ill. "Superior"

Robinson (M. W.) Co., 28 Warren, New York, N. Y. "Caril"

Trimon Mfg. Co., Inc., Roxbury (Boston), Mass. "Perfect Handle," "Popular Stillson," "Trimmo-Alloy"

Ushco Mfg. Co., Inc., Buffalo, N. Y. "Ushco Law-son"

Utica Drop Forge & Tool Corp., Utica, N. Y.

Vlchek Tool Co., 3006 E. 87th, Cleveland, O.

Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Railroad Special," "Superjustable," "W. & B."

**WRENCHES, Alligator**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.

Roebbling's (John A.) Sons Co., Trenton, N. J. "Roebbling"

Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Always Ready," "Bull Dog"

**WRENCHES, Back-Up**

Farrell-Cheek Steel Co., Sandusky, O.

**WRENCHES, Basin**

Johnson (William), Inc., 36 Brenner, Newark, N. J. "Buzzle"

Trimon Mfg. Co., Inc., Roxbury (Boston), Mass. "Trimmo"





**Carson**

now offers Bright Wire Goods and specialties packed  
for UNIT SALE. Something new for Dealer convenience  
... for LARGER, FASTER, MORE PROFITABLE SALES

Consult your jobber or write direct to  
**CHAS. O. LARSON CO. • STERLING, ILLINOIS**



Even the best of us can profit by observing what the other fellow is doing. This is particularly true in the hardware business. We have often been told of the successful outcome of some merchandising idea that was prompted by a **HARDWARE AGE** story.

## IT'S NEVER TOO LATE TO LEARN!

After you read your copy of **HARDWARE AGE** go through it again and see how many of the merchandising ideas, stories and editorial hints you can try in *your* store. Remember, something new is always interesting. You'll find plenty that is new in **HARDWARE AGE**.

## HARDWARE AGE

100 East 42nd Street  
New York, N. Y.

**WRENCHES, Bit Brace**

Bonney Forge & Tool Works, Allentown, Pa.  
Cincinnati Tool Co., Montgomery Rd., Cincinnati, O.  
"Hargrave"  
Eberhard Mfg. Co., Div. Eastern Malleable Iron Co., 2784 Tennyson Rd., S. E., Cleveland, O.  
Eberhard Mfg. Co., Cleveland, O.  
Stevens Walden, Inc., Worcester, Mass.

**WRENCHES, Box**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Barcollo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
Bonney Forge & Tool Wks., Allentown, Pa.  
Cornwell Quality Tools Co., Mogadore, O. "Cornwell"  
Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
Herbrand Co., Fremont, O.  
Hinsdale Mfg. Co., 249 N. Wolcott, Chicago, Ill.  
Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
International Chain & Mfg. Co., York, Pa. "Campbell"  
Lectrolite Corp., Defiance, O. "Lectrolite"  
New Britain Machine Co., New Britain, Conn.  
Owatonna Tool Co., Owatonna, Minn. "OTC"  
P & C Hand Forged Tool Co., Portland, Ore.  
Quality Tools Corp., New Wilmington, Pa. "Old-Forge"  
Sherman-Klove Co., Chicago, Ill.  
Thorsen Tool Co., San Francisco, Cal.  
Vlichek Tool Co., 3006 E. 87th, Cleveland, O.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Cromal," "Multisocket," "Superior," "Super-reinch"  
Wright Tool & Forge Co., Barberton, O.

**WRENCHES, Bridge Builders' & Iron Workers'**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Billings & Spencer Co., Hartford, Conn. "Coes"  
Bonney Forge & Tool Wks., Allentown, Pa.  
Iron City Tool Mfg. Co., Pittsburgh, Pa.  
Lowell Wrench Co., 54 Commercial, Worcester, Mass. "Lowell," "Red Face"  
Pensacola Tool & Supply Corp., Pensacola, Fla. "Pensacola"  
Stanley Tools Div., Stanley Works, New Britain, Conn. "Stanley-Atha"  
Warwood Tool Co., Wheeling, W. Va.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Superior," "Superector," "Superreinch"  
Woodings-Verona Tool Wks., Verona, Pa.

**WRENCHES, Chain**

(See also Wrenches, Pipe)

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill. "Ideal"  
Billings & Spencer Co., Hartford, Conn. "Triangle B"  
Bonney Forge & Tool Wks., Allentown, Pa.  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J.  
Trimont Mfg. Co., Inc., Roxbury (Boston), Mass. "Trimo"  
Walworth Co., 60 E. 42nd, New York, N. Y. "Bostong"  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan," "Vulcan Boll-Weevil," "Vulcan Superior"

**WRENCHES, Crocodile—See Wrenches, Alligator****WRENCHES, Engineers' and Machinists'**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill. (Vanadium)  
Barcollo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
Bergman Tool Mfg. Co., Buffalo, N. Y. "Queen City"  
Billings & Spencer Co., Hartford, Conn. "B & C," "Coes," "Triangle B"  
Bonney Forge & Tool Works, Allentown, Pa. "C-V"  
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn. "Blu Forge," "Hy-Bar," "Radio-Lectric"  
Cornwell Quality Tools Co., Mogadore, O. "Cornwell"  
Crescent Tool Co., Jamestown, N. Y. "Crescent," "Crestology"  
Duro Metal Products Corp., 2651-61 N. Kildare Av., Chicago, Ill. "Duro Chrome"  
Erie Tool Works, Erie, Pa.  
Fairmount Tool & Forging Co., Cleveland, O.  
Herbrand Co., Fremont, O.  
Hinsdale Mfg. Co., 249 N. Wolcott, Chicago, Ill.  
Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
Krauter & Co., Inc., 585 18th Av., Newark, N. J.  
Owatonna Tool Co., Owatonna, Minn. "OTC"  
P & C Hand Forged Tool Co., Portland, Ore.  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Plomb Tool Co., Los Angeles, Cal.  
Quality Tools Corp., New Wilmington, Pa. "Old-Forge"  
Rhode Island Tool Co., Providence, R. I.  
Stevens Walden, Inc., Worcester, Mass.  
Trimont Mfg. Co., Inc., Roxbury (Boston), Mass. "Perfect Handle," "Trimo"  
Vlichek Tool Co., 3006 E. 87th, Cleveland, O.  
Walworth Co., 60 E. 42nd, New York, N. Y.  
Wide Drop-Forge & Tool Co., Kansas City, Mo. "Wide"  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Superior," "Superreinch"  
Wright Tool & Forge Co., Barberton, O.

**WRENCHES, Fruit Jar**

(See also Openers, Jar, Rubber)  
Arcade Mfg. Co., Freeport, Ill.  
Boye Needle Co., Chicago, Ill.  
Brown, John Clark, 525 Lexington Av., New York, N. Y. "Wizard"  
Champion Hardware Co., Geneva, O.  
Coughlan (G. N.) Co., 422 Alden, Orange, N. J. "Easy-Aid"  
Dazey Churn & Mfg. Co., 4301 Warne Av., St. Louis, Mo. "Dazey Opn-Seal"  
Edlund Co., Burlington, Vt. "Edlund," "Top-off"  
Ennis Mfg. Co., Reading, Pa.  
Everedy Co., Frederick, Md. "Cap-Master"  
Girard-McIntosh Mfg. Co., Washingtonville, O.  
Glenny (Wm.) Glass Co., Cincinnati, O.  
Gordon Mfg. Co., 110 E. 23rd, New York, N. Y. "Wonder" (Combination Can and Bottle Opener)  
Handy Things Mfg. Co., Ludington, Mich.  
Marshalltown Mfg. Co., Marshalltown, Ia. "Saftey"  
Schartow Iron Products Co., Racine, Wis. "Universal"  
Schrivier (O. P.) Co., Cincinnati, O. "Sure Grip"  
Sommer (J. L.) Mfg. Co., 261 New Jersey Railroad Av., Newark, N. J. "Fit-All"  
Stockland Specialty Mfg. Co., Minneapolis, Minn.  
Thomas Products Co., 15473 Indiana Av., Detroit, Mich. "Perfecto"  
Turner & Seymour Mfg. Co., Torrington, Conn. "Bluestreak"  
Tyler Mfg. Co., Muncie, Ind.  
United Sales & Mfg. Corp., 1831 N. W. 23rd Place, Portland, Ore. "Captite," "Griptite"  
United States Lock & Hdw. Co., Columbia, Pa.  
Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Av., Chicago, Ill. "Grip-All"  
Wilson Mfg. Co., Niles, O.  
Wolverine Supply & Mfg. Co., Pittsburgh, Pa. "Little Giant"  
Yeoman-Hoag Co., Monticello, Ia.  
Zim Mfg. Co., 3047 W. Carroll Av., Chicago, Ill.

**WRENCHES, Hopper, Car**

Advance Car Mover Co., 112 N. Outgamie, Appleton, Wis. "Advance Safety"  
Barrett Machine Co., Pittsburgh, Pa.  
Bishop (C. L.) Co., Youngstown, O. (Universal Safety)  
Dayton Car Wrench Co., Dayton, O.  
Rowell Mfg. Co., 717 N. Union, Appleton, Wis. "Rowell" (Drop Bottom)  
Safety Wrench & Appliance Co., Worcester, Mass. "Swaco"  
WRENCHES, Iron Workers'—See Wrenches, Bridge Builders'

**WRENCHES, Lag Screw**

Dicke Tool Co., Downers Grove, Ill.  
Keystone Mfg. Co., Buffalo, N. Y.  
Klein (Mathias) & Sons, 3200 Belmont Av., Chicago, Ill. "Klein"  
Larson Tool & Stpg. Co., Attleboro, Mass.  
Lowell Wrench Co., 54 Commercial, Worcester, Mass. "Lowell"

**WRENCHES, Machinists'—See Wrenches, Engineers' and Machinists'****WRENCHES, Monkey—See Wrenches, Adjustable****WRENCHES, Nut—See Wrenches, Adjustable; also Wrenches, Engineers' and Machinists'****WRENCHES, Oil Well**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Lowell Wrench Co., 54 Commercial, Worcester, Mass. "Lowell"  
Plomb Tool Co., Los Angeles, Cal.  
Trimont Mfg. Co., Inc., Roxbury (Boston), Mass.

**WRENCHES, Pipe**

(See also Wrenches, Chain)  
Albany Hdw. Specialty Mfg. Co., Albany, Wis. "Gorilla," "Red & Redy"  
Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Billings & Spencer Co., Hartford, Conn. "B. & C.," "B. & S."  
Bonney Forge & Tool Works, Allentown, Pa.  
Champion DeArment Tool Co., Meadville, Pa.  
Chicago Mfg. & Distributing Co., 1958 W. 46th, Chicago, Ill. "Larco"  
Danielson (J. P.) Co., Inc., Jamestown, N. Y.  
Erie Tool Works, Erie, Pa. "Pipemaster"  
Greenfield Tap & Die Corp., Greenfield, Mass. "G T D," "Little Giant"  
Harris Wrench Co., Mount Airy, N. C. "Harris"  
Heller Brothers Co., 865 Mt. Prospect Av., Newark, N. J. "Masterench"  
Henry & Allen, Inc., 236 Wadsworth, Auburn, N. Y. "Red & Silver Nut"  
International Nuttyp Tool Corp., Oswego, N. Y.  
Peck, Stow & Wilcox Co., Southington, Conn. "Pexto"  
Ridge Tool Co., Elyria, O. "Ridgid," "Stillson"  
Robinson (M. W.) Co., 28 Warren, New York, N. Y. "Carli"  
Tobrin Tool Co., Plantsville, Conn.  
Trimont Mfg. Co., Inc., Roxbury (Boston), Mass. "Popular Stillson," "Trimo-Alloy"  
Ushco Mfg. Co., Inc., Buffalo, N. Y. "Ushco Law-son"  
Walworth Co., 60 E. 42nd, New York, N. Y. "Genuine Stillson," "Paramelee," "Walco"  
Whitaker Mfg. Co., Chicago, Ill.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Vulcan," "Vulcan Boll-Weevil," "Vulcan Superior"

**WRENCHES, Plier**

American Plier-Rench Corp., 4611 N. Ravenswood Av., Chicago, Ill. "Eifel-Gearred Plier-Rench"  
Hinsdale Mfg. Co., 249 N. Wolcott, Chicago, Ill.  
Noble & Westbrook Mfg. Co., East Hartford, Conn. "Carlson"  
P & C Hand Forged Tool Co., Portland, Ore.  
Pazzano Wrench Mfg. Co., Waltham, Mass. "Seven In One"  
Petersen Mfg. Co., De Witt, Nebr. "Vise-Grip"  
St. Pierre Chain Corp., Worcester, Mass. "St. Pierre"  
Vlichek Tool Co., 3006 E. 87th, Cleveland, O.

**WRENCHES, Railroad**

Billings & Spencer Co., Hartford, Conn. "B. & C.," "Coes"  
Iron City Tool Mfg. Co., Pittsburgh, Pa.  
Lowell Wrench Co., 54 Commercial, Worcester, Mass. "Lowell"  
Trimont Mfg. Co., Inc., Roxbury (Boston), Mass.  
Warwood Tool Co., Wheeling, W. Va.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Railroad Special"  
Woodings-Verona Tool Wks., Verona, Pa.

**WRENCHES, Ratchet**

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Billings & Spencer Co., Hartford, Conn. "Triangle B"  
Billmont Wrench Co., Chicago, Ill. "Billmont"  
Blackhawk Mfg. Co., Milwaukee, Wis.  
Bog Mfg. Co., Chicago, Ill.  
Bonney Forge & Tool Wks., Allentown, Pa.  
Cornwell Quality Tools Co., Mogadore, O. "Cornwell"  
Dicke Tool Co., Downers Grove, Ill.  
Duro Metal Products Co., 2651 N. Kildare Av., Chicago, Ill.  
Greene, Tweed & Co., 101 Park Av., New York, N. Y. "Favorite"  
Hinsdale Mfg. Co., 249 N. Wolcott, Chicago, Ill.  
Hoe Corp., Poughkeepsie, N. Y. "Roberts"  
Husky Tool Co., New Britain, Conn. "Husky"  
Indestro Mfg. Corp., 2675 Kildare Av., Chicago, Ill. "Indestro"  
Keystone Mfg. Co., Buffalo, N. Y.  
Lowell Wrench Co., Worcester, Mass. "Lowell," "Multiplex," "Red Face," "Red Socket" (Reversible)  
Owatonna Tool Co., Owatonna, Minn. "OTC"  
P & C Hand Forged Tool Co., Portland, Ore.  
Sherman-Klove Co., Chicago, Ill.  
Starrett (L. S.) Co., Athol, Mass.  
Stevens Walden, Inc., Worcester, Mass.  
Thorsen Tool Co., San Francisco, Cal.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Superector," "Superratchet"  
WRENCHES, Reamer—See Wrenches, Tap and Reamer

**WRENCHES, "S"**

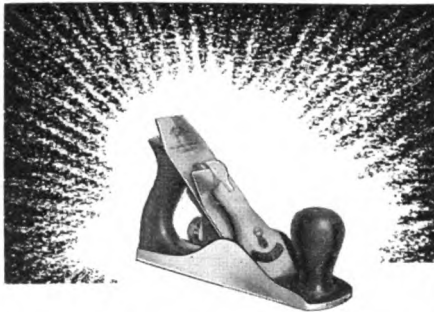
Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Billings & Spencer Co., Hartford, Conn. "B. & C.," "B. & S."  
Bonney Forge & Tool Works, Allentown, Pa.  
Champion DeArment Tool Works, Allentown, Pa.  
Erie Tool Works, Erie, Pa.  
Fairmount Tool & Forging Co., Cleveland, O.  
Keystone Mfg. Co., Buffalo, N. Y. "Westcott"  
Vlichek Tool Co., 3006 E. 87th, Cleveland, O.  
Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Superior," "Superreinch"

**WRENCHES, Screw, Hollow Set and Socket Head**

Allen Mfg. Co., 133 Shelton, Hartford, Conn.  
Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Brighton Screw & Mfg. Co., Cincinnati, O.  
Hartford Machine Screw Co., Hartford, Conn.  
Holo-Krome Screw Corp., Hartford, Conn.  
Rockford Screw Products Co., Rockford, Ill.  
Standard Pressed Steel Co., Jenkintown, Pa.

**WRENCHES, Socket**

American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J. "American Swiss"  
Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
Barcollo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
Billings & Spencer Co., Hartford, Conn. "B. & S."  
Billmont Wrench Co., Chicago, Ill. "Billmont"  
Blackhawk Mfg. Co., Milwaukee, Wis.  
Bonney Forge & Tool Works, Allentown, Pa.  
Bridgeport Hdw. Mfg. Co., Bridgeport, Conn. "Bridgeport"  
Chicago Tool & Kit Mfg. Co., Chicago, Ill. "C.T.K."  
Cincinnati Tool Co., Montgomery Rd., Cincinnati, O. "Hargrave"  
Cornwell Quality Tools Co., Mogadore, O. "Cornwell"  
Croissant Machine Wks., 39 Moss, Reading, Pa. "Molly"  
Duro Metal Products Co., 2651-61 N. Kildare Av., Chicago, Ill.  
Fairmount Tool & Forging Co., Cleveland, O.



## GET THIS PROFIT FOR YOURSELF

How Capewell's Extra Value Brings You Extra Business

- (A) Men demanding a top-flight plane, but insisting on moderate price, sparkle with interest when you show them Capewell... then pay their money into YOUR cash register.
- (B) Men who know and love good tools are delighted to find in Capewell:—  
a cutting edge that stands the gaff  
carefully finished, fine-iron bottom  
accurately made, indestructible frog  
a lever cap that holds  
just the right weight and balance

WRITE TODAY FOR FURTHER FACTS AND PRICES

**CAPEWELL**  
MFG. CO., HARTFORD, CONNECTICUT

**New HANSON VIKING, JR.**

THE NEW Hanson Viking Junior is sweeping the country. You will be amazed at the way this new handy scale will sell. Put this display carton on your counter and watch them go.

Retail at 29c

Housewives, Mechanics, Fishermen, etc., need this scale. Order this display carton of 12 scales from your Jobber today. Packed 6 cartons to case.

Size overall: 6 1/2" high, 1" wide  
Capacity: 25 lbs. by 1/2 lb.

MODEL 890

HANSON SCALE CO.  
525 N. Ada St. Chicago, U.S.A.

ANOTHER VIKING JUNIOR - MODEL 8905  
7 1/2" high 1 1/4" wide overall. Capacity 50 lb. graduated by 1-lb. Retail at 49c.

**HANSON SCALES**  
BATHROOM • KITCHEN  
NURSERY • DIET • POSTAL

The Picnic Grill that's Sweeping the Country!

Pat. Draft Feature  
Aluminum Finish  
Maximum Heat  
on Minimum  
Fuel

\$1 \$2 \$3  
Order from Your  
Jobber, or write  
us.

The Jacob Halter Sons Co., Cleveland, Ohio.

"Eagle" Anvil

Sturdy, highest quality tool steel face Blacksmith anvil, made for nearly a century for most exacting users.

Sizes: 10 to 1,000 lbs.

"Fisher" Double Screw Parallel Leg Vise

None made stronger. Stands severest strains. Holds work parallel at any opening. 3 sizes: Jaws open 7 1/2", 9" and 12". Write—

**FISHER & NORRIS**  
Eagle Anvil Works, Trenton, N. J.

ADAMS CURTAIN FIREPLACE SCREENS also "EVERYTHING FOR THE FIREPLACE"

No. 229 Series  
Manufactured by  
**THE ADAMS COMPANY**  
Established 1883  
100 East 4th Street Dubuque, Iowa

Chicago Rawhide and Indian Tan LACES

Better Laces—flexible, tough, durable—that retain their fibre strength and toughness. — Specially tanned without lime, acids or injurious chemicals. Uniform thickness, accurate widths. Proof-tested for strength. Each dozen pair in a Counter Display Box. They sell themselves; build repeat business.

Write for Price Circular  
Chicago Rawhide Mfg. Co.  
1285 Elston Ave, Chicago, U.S.A.

Proven a "Best Seller" by over 2 million women

Already used and enthusiastically recommended by over 2 million women, this surface oven, with this attractive assembly, is now being advertised to over 5 million women—the cream of the buying market. Tie into the Ade-O-Matic national campaign and handle a "best seller" that keeps on selling. Write today for details.

**ADE-O-MATIC COMPANY**  
406 N. Michigan Ave., Chicago, Ill.

Complete surface oven—Cover, Rack and ADE-O-MATIC

**KENE STABILIZED SOLUTION VITAMIN B1 FOR PLANTS**

\$1.00 minimum retail makes 1,300 gallons \$8.00 doz.

\$.35 minimum retail makes 300 gallons \$2.80 doz.

Through your Wholesaler or Direct.

**ACME SCIENTIFIC COMPANY**  
RICHMOND, VIRGINIA

## Looking for a Hardware Store?

THE place to find it is under the heading of Business Opportunities in the Classified Opportunities Section of the regular issues of Hardware Age.

By watching the for-sale ads you'll be reasonably sure to secure a good paying business at a fair price or better still, let the trade know the kind of a store you are looking for.

## HARDWARE AGE

Classified Opportunities Dept.

100 East 42nd St.,

New York City

Mention Hardware Age When Writing



## WRENCHES, Socket (Continued)

Walling (J. P.), Inc., Worcester, Mass. "Wakefield"  
 Wierbraun & Co., Fremont, O.  
 Winslow Mfg. Co., 249 N. Wolcott, Chicago, Ill.  
 Wusky Tool Co., New Britain, Conn. "Husky"  
 Wusky Clamp Mfg. Co., 200 Bradford, B'klyn. N. Y.  
 Wustro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
 Wustro Mfg. Co., Buffalo, N. Y.  
 Wustro Tool & Stamping Co., Attleboro, Mass.  
 Wustro Wrench Co., 54 Commercial, Worcester, Mass.  
 "Lowell," "Red Face," "Red Socket"  
 Wustro Britain Mach. Co., New Britain, Conn.  
 Wustro England Pressed Steel Co., Natick, Mass.  
 "Nepco"  
 Watonna Tool Co., Owatonna, Minn. "OTC"  
 W & C Hand Forged Tool Co., Portland, Ore.  
 Wark Metalware Co., Inc., Orchard Park, N. Y.  
 "Xcel"  
 Lomb Tool Co., Los Angeles, Cal.  
 Herman-Klove Co., Chicago, Ill.  
 Stevens Walden, Inc., Worcester, Mass. "Spintite"  
 Hosen Tool Co., San Francisco, Cal.  
 Hosen Tool Co., 3006 E. 87th, Cleveland, O.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Bantam," "Extra Heavy Duty," "Heavy Duty," "Standard," "Superior," "Supersocket"  
 Wright Tool & Forge Co., Barberton, O.

## WRENCHES, Spark Plug

Ward Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
 Jackhawk Mfg. Co., Milwaukee, Wis.  
 Bridgeport Hdw. & Mfg. Corp., Bridgeport, Conn.  
 "Bridgeport"  
 Chicago Tool & Kit Mfg. Co., 429 W. Superior, Chicago, Ill. "C. T. K."  
 Fairmount Tool & Forging Co., 10611 Quincy Av., Cleveland, O.  
 Herbrand Co., Fremont, O.  
 Phoenix Hdw. Mfg. Co., 49 Illinois, Buffalo, N. Y.  
 Stevens Walden, Inc., Worcester, Mass.  
 Hosen Tool Co., 3006 E. 87th, Cleveland, O.

## WRENCHES, Spud, Closet

American Pipe Tool Co., Harrison & Kolmar Av., Chicago, Ill.  
 Bernz (Otto) Co., Inc., Rochester, N. Y. "Always Reliable"  
 Carpenter & Paterson, Inc., East Boston, Mass. "Witch"  
 Good Bros., Inc., 4336 Orchard, Phila., Pa.  
 Sawyer Belt Hook Co., Pawtucket, R. I.  
 Frimont Mfg. Co., Inc., Roxbury (Boston), Mass. "Trimo"

## WRENCHES, Spud, Radiator

American Pipe Tool Co., Harrison & Kolman Av., Chicago, Ill.  
 Seaton & Cadwell Mfg. Co., New Britain, Conn.  
 Carpenter & Paterson, Inc., East Boston, Mass. "Witch"  
 Good Bros., Inc., 4336 Orchard, Phila., Pa.  
 Vye Tool & Mach. Wks., 4120 Fullerton Av., Chicago, Ill.  
 Sawyer Belt Hook Co., Pawtucket, R. I.  
 Frimont Mfg. Co., Inc., Roxbury (Boston), Mass. "Trimo"

## WRENCHES, Strap

Belden Machine Co., New Haven, Conn. "Hayden"  
 Erie Tool Wks., Erie, Pa.  
 Reed Mfg. Co., Erie, Pa.  
 Warnock Mfg. Co., Worcester, Mass. "Warnock"

## WRENCHES, Tap and Reamer

Alert Tool Co., 1722 Venango, Phila., Pa.  
 Alvord-Polk Reamer & Tool Co., Millersburg, Pa.  
 Armstrong Mfg. Co., Bridgeport, Conn. "Armstrong"  
 Bay State Tap & Die Co., Mansfield, Mass.  
 Bergman Tool Mfg. Co., Buffalo, N. Y. "2 in 1"  
 Billings & Spencer Co., Hartford, Conn. "B. & S."  
 Bonney Forge & Tool Wks., Allentown, Pa.  
 Brubaker (W. L.) & Bros., Millersburg, Pa.  
 Butterfield & Co., Div., Union Twist Drill Co., Derby Line, Vt.  
 Card (S. W.) Mfg. Co., Div., Union Twist Drill Co., Mansfield, Mass. "Horsehead"  
 Champion Blower & Forge Co., Lancaster, Pa.  
 Conant & Donelson, Div. of Mayhew Steel Products, Inc., Conway, Mass. "Reliable"  
 Dikeman Mfg. Co., Norwalk, Conn.  
 Fleming (J. P.), Inc., Worcester, Mass. "Flemco"  
 Greenfield Tap & Die Corp., Greenfield, Mass. "GTD"  
 Hanson (Henry L.), Inc., 25 Union, Worcester, Mass. "Ace"  
 Hart Mfg. Co., Cleveland, O. "Duplex"  
 Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill. "Indestro"  
 Keystone Mfg. Co., Buffalo, N. Y.  
 Keystone Reamer & Tool Co., Millersburg, Pa.  
 Mayhew Steel Products Co., Shelburne Falls, Mass.  
 Millers Falls Co., Greenfield, Mass.  
 Morse Twist Drill & Mach. Co., New Bedford, Mass.  
 North Bros. Mfg. Co., N. E. cor. American and Lehigh Av., Phila., Pa. "Yankee" (Ratchet)  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Pratt & Whitney Co., Hartford, Conn.  
 Robinson (M. W.) Co., 28 Warren, New York, N. Y. "Rolls"

Standard Tool Co., 6700 Central Av., Cleveland, O.  
 Starrett (L. S.) Co., Athol, Mass.  
 Union Tool Co., Orange, Mass.  
 Vermont Tap & Die Corp., Lyndonville, Vt. "Star"  
 Walworth Co., 60 E. 42nd, New York, N. Y.

## WRENCHES, Tappet

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
 Billings & Spencer Co., Hartford, Conn.  
 Blackhawk Mfg. Co., Milwaukee, Wis.  
 Bonney Forge & Tool Works, Allentown, Pa.  
 Chicago Tool & Kit Mfg. Co., 429 W. Superior, Chicago, Ill. "C-T-K"  
 Cornwell Quality Tools Co., Mogadore, O. "Cornwell"  
 Fairmount Tool & Forging Co., 10611 Quincy Av., Cleveland, O.  
 Herbrand Co., Fremont, O.  
 Hinsdale Mfg. Co., 249 N. Wolcott, Chicago, Ill.  
 Lectrolite Corp., Defiance, O. "Lectrolite"  
 P & C Hand Forged Tool Co., Portland, Ore.  
 Plomb Tool Co., 2209 Santa Fe Ave., Los Angeles, Cal.  
 Stevens Walden, Inc., Worcester, Mass.  
 Vichek Tool Co., 3006 E. 87th, Cleveland, O.  
 Wilde Drop Forge & Tool Co., Inc., 2936 Fairmount Ave., Kansas City, Mo.  
 Williams (J. H.) & Co., 225 Lafayette, New York, N. Y. "Superrench"  
 Wright Tool & Forge Co., Barberton, O.

## WRENCHES, Track

Armstrong Bros. Tool Co., 300 N. Francisco Av., Chicago, Ill.  
 Hubbard & Co., Pittsburgh, Pa.  
 Iron City Tool Mfg. Co., Pittsburgh, Pa.  
 Keystone Mfg. Co., Buffalo, N. Y.  
 Klein-Logan Co., Pittsburgh, Pa.  
 Lowell Wrench Co., Worcester, Mass. "Lowell"  
 Verona Tool Wks., Verona, Pa.  
 Warren Tool Corp., Warren, O. "Quikwerk"  
 Warwood Tool Co., Wheeling, W. Va.  
 Woodings-Verona Tool Wks., Verona, Pa.  
 WRINGER ROLL, REPLACEMENTS—See Rolls  
 Wringer, Rubber, Replacement  
 WRINGER STICKS—See Sticks, Wringer, Clothes

## WRINGERS, Clothes

American Wringer Co., Woonsocket, R. I. (Power Washing Machine)  
 Brammer Mfg. Co., Davenport, Ia.  
 Corcoran Mfg. Co., Covington, Ky. (Power Washing Machine)  
 Chamberlain Corp., Waterloo, Ia. (Power)  
 Lovell Mfg. Co., Erie, Pa. "Acme," "Bicycle," "Brighton," "Crescent," "Daisy," "Domestic," "Erie," "Hotel," "Improved," "Invincible," "Lovell," "Pioneer," "Relief," "Republic," "Rival," "Superb," "Superior," "Universal"  
 Mullins Mfg. Corp., Salem, O. "Mullins"  
 Nineteen Hundred Washer Co., St. Joseph, Mich.  
 Troy Laundry Mch. Co., Chicago, Ill.

## WRINGERS, Clothes, Toy

Wolverine Supply & Mfg. Co., Pittsburgh, Pa.  
 "Sandy Andy"  
 (Chrome)

## WRINGERS, Mop

Atlantic Stamping Co., Rochester, N. Y.  
 B. B. Specialty Co., Minneapolis, Minn. "Perfection"  
 Boller (Peter) Machine Wks., 120 N. Aberdeen, Chicago, Ill. "All Steel," "Challenge," "Derby," "Derby Pull-Thru," "Household Pull-Thru," "Iron Clad," "Lawlor," "Perfect"  
 Christensen (H. K.) Mfg. Co., Ft. Atkinson, Wis. "Oval Double Cone"  
 Cope-Swift Co., Inc., Detroit, Mich. "Little Handy"  
 Dobbins Mfg. Co., St. Paul, Minn.  
 Eagle Woodware Mfg. Co., Hamilton, O. "Eagle," "Victor" (Also Mop Trucks)  
 Economy Mop Wringer Co., 1936 W. 21st, Chicago, Ill.  
 Ely Mfg. Co., Girard, Pa. "Automatic," "Reliance"  
 Erie City Mfg. Co., Erie, Pa. "Arrow"  
 Erie Gas Mantle Mfg. Co., Erie, Pa. "Mary Ann"  
 Erie Mop & Wringer Co., East Rochester, N. Y.  
 G. E. Metal Products Co., 55 Great Jones, New York, N. Y.  
 Geerpress Wringer, Inc., Muskegon, Mich. "Gear-Press"  
 Gilchrist Co., 286 Brank, Newark, N. J.  
 Home Comfort Co., St. Paul, Minn. "Family"  
 Ideal Can Co., Everett, Mass.  
 Lisk Mfg. Co., Ltd., Canandaigua, N. Y.  
 Lovell Mfg. Co., Erie, Pa. "Leader"  
 Market Forge Co., Everett, Mass. "Brockton"  
 Smith System Heating Co., Minneapolis, Minn. "Ellis"  
 Success Mfg. Co., Gloucester, Mass.  
 Vaparine Co., 216 B. W. Kinzie, Chicago, Ill. (Spiral Wire)  
 White Mop Wringer Co., Fultonville, N. Y. "White Cant Splash"  
 WRIST BANDS, Leather—See Bands, Wrist, Leather  
 WRIST COMPASSES—See Compasses, Coat, Pocket & Wrist  
 WRIST WATCHES—See Watches, Wrist and Pocket  
 WRITERS, Show Card—See Showcard Writers  
 WRITING INKS—See Inks, Writing

## WROUGHT IRON HARDWARE

Braun (J. G.) Co., 609 S. Paulina, Chicago, Ill.  
 Corbin, P. & F., New Britain, Conn.  
 Craftsmen, 108 Broad, Boston, Mass.  
 Earle Hardware Mfg. Co., Reading, Pa.  
 Hess (Chas.) Co., 49-14 Metropolitan Av., B'klyn, N. Y.  
 Hopewell Mfg. Co., Hopewell, N. J.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 National Hardware Co., 8630 103rd Av., Ozone Park, N. Y. "National"  
 Parker (S.) Hdw. Mfg. Corp., 27 Ludlow, New York, Peter (Jas.) & Son, Phila., Pa.  
 Reading Hardware Corp., Reading, Pa.  
 Sack, Inc., 95 B'way, Cambridge, Mass.  
 Skillman Hardware Mfg. Co., Trenton, N. J.  
 Standard Iron & Wire Wks., Chattanooga, Tenn.  
 Tilley, Charles A., Williamsburg, Mass.  
 United Specialties Mfg. Co., Ltd., Richmond Hill, N. Y.

WROUGHT STEEL PIPE—See Pipe, Wrought Steel  
 YACHT ANCHORS—See Anchors, Boat, Ship, Etc.

## YARDS, Play

American-Acme Co., Emigsville, Pa.  
 Baby Bathinette Corp., 404 Platt, Rochester, N. Y.  
 Berger Mfg. Co., 11 Lorne, Dorchester (Boston), Mass.  
 Gem Crib & Cradle Co., Gardner, Mass.  
 Gem Mfg. Corp., Bascom, O.  
 Holmquist-Swanson, Chicago, Ill.  
 Lehman Co. of America, Cannelton, Ind.  
 Lynch (W. D.) Co., Inc., Lancaster, Pa.  
 Rothill, W. S., Chicago, Ill.

## YARDSTICKS

(See also Rules)

Lucas Rule Co., Silver Springs, N. Y.  
 Lufkin Rule Co., Saginaw, Mich.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.  
 Westcott Rule Co., Seneca Falls, N. Y.

## YARDSTICKS, Advertising

American Mfg. Concern, Falconer, N. Y.  
 Mills-Reynolds Co., Akron, O.  
 Stanley Tools Div., Stanley Works, New Britain, Conn.

ZINC COATED NAILS—See Nails, Zinc Coated  
 ZINC and COPPER ORNAMENTS—See Ornaments, Copper and Zinc

ZINC NAILS—See Nails, Zinc

## ZINC, Plate

American Zinc Products Co., Inc., Greencastle, Ind. "Old Chateau"  
 Ball Bros. Co., Muncie, Ind.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn., N. Y.

## ZINC, Ribbon

American Zinc Products Co., Inc., Greencastle, Ind. "Old Chateau"  
 American Nickeloid Co., Peru, Ill. (Nickel & Chrome)  
 Ball Bros. Co., Muncie, Ind.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn., N. Y.  
 Clendenin Bros., Inc., 110 South, Baltimore, Md.  
 Grasselli Chemicals Dept., DuPont (E. I.) De Nemours & Co., Inc., Wilmington, Del.  
 Illinois Zinc Co., Chicago, Ill.  
 Matthiessen & Hegeler Zinc Co., La Salle, Ill.  
 Milcor Steel Co., Milwaukee, Wis.  
 New Jersey Zinc Co., 160 Front, New York, N. Y. "Horse Head"

## ZINC, Sheet

American Zinc Products Co., Inc., Greencastle, Ind. "Old Chateau"  
 American Nickeloid Co., Peru, Ill. (Nickel & Chrome)  
 Apollo Metal Works, Chicago, Ill. (Plated)  
 Ball Bros. Co., Muncie, Ind.  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn., N. Y.  
 Clendenin Bros., Inc., 110 South, Baltimore, Md.  
 Grasselli Chemicals Dept., DuPont (E. I.) De Nemours & Co., Inc., Wilmington, Del.  
 Illinois Zinc Co., Chicago, Ill.  
 Matthiessen & Hegeler Zinc Co., La Salle, Ill.  
 Milcor Steel Co., Milwaukee, Wis.  
 New Jersey Zinc Co., 160 Front, New York, N. Y. "Horse Head"

## ZINC, Slab

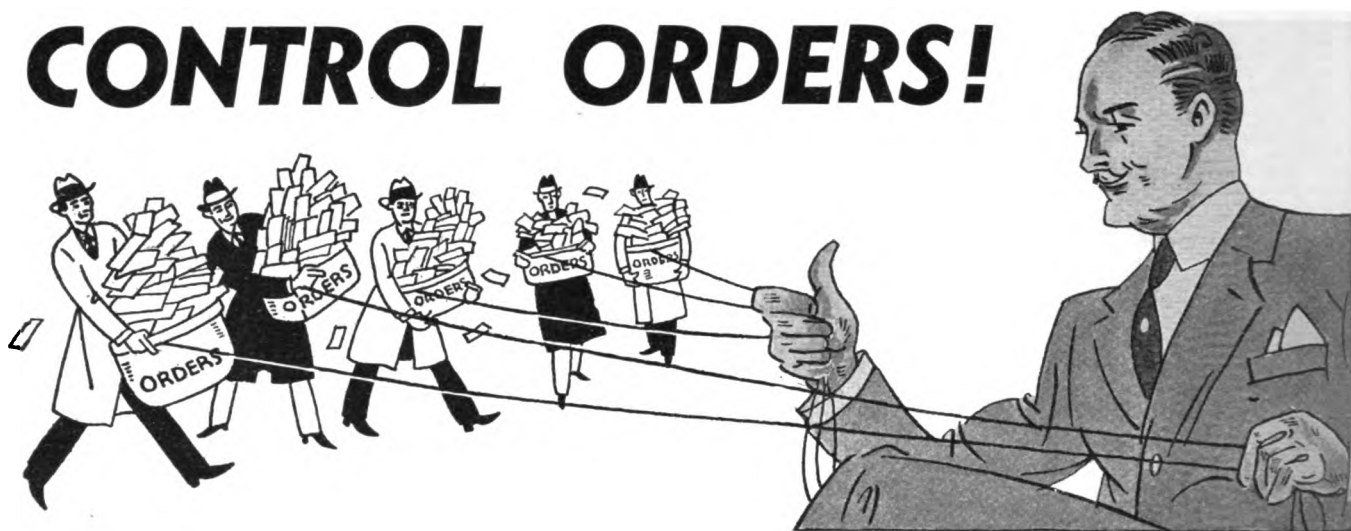
American Zinc Products Co., Inc., Greencastle, Ind. "Old Chateau"  
 Belmont Smelting & Refining Wks., Inc., 317 Belmont Av., Bklyn., N. Y.  
 Eagle-Picher Lead Co., Cincinnati, O.  
 Federated Metals Corp., Chicago, Ill.  
 Grasselli Chemicals Dept., DuPont (E. I.) De Nemours & Co., Inc., Wilmington, Del.  
 Illinois Zinc Co., Chicago, Ill.  
 New Jersey Zinc Co., 160 Front, New York, N. Y. "Horse Head Special"

ZINC WHITE—See Paints

ZIPPER CARRY-ALL BAGS—See Bags, Carry-All

ZONE MARKING PAINT—See Paints, Zone Marking

# CONTROL ORDERS!



**KEEP WITHIN YOUR GRASP  
THE POWER TO REGULATE THEM**

## **HARDWARE AGE DIRECT MAIL ADDRESSING DEPT.**

Is designed to help you do this—It will address and mail your Catalogs, Booklets, Circulars, Letters, Broadsides, Post Cards, etc., with maximum effectiveness, due to all names and addresses being verified and corrected right up to the minute of addressing and mailing, to all or part of the following lists:—

483 Shelf Hardware Jobbers in the United States.

150 Heavy Hardware Jobbers in the United States.

(These are in addition to 373 Shelf Hardware Jobbers who handle heavy hardware.)

16136 Major Hardware Retailers whose sales exceed \$20,000.00 annually and who in the aggregate account for the greater part of the retail business of the hardware trade.

18432 Minor Hardware Retailers whose sales are less than \$20,000.00 annually.

10355 Builders' Supplies Dealers.

1010 Department Stores handling Hardware and Housefurnishings.

**Write for Prices and other Details.**

**HARDWARE AGE  
DIRECT MAIL ADDRESSING DEPT.  
100 East 42nd Street - - New York, N. Y.**

*Mention Hardware Age When Writing*

# MANUFACTURERS' TRADE NAMES

An Alphabetical Index for ready reference  
confined to **HARDWARE AGE ADVERTISERS**

## A

- ONE Siding, Milcor Steel Co., S. 41st Ave. and W. Burnham, Milwaukee, Wis.
- A Saw Clamps, Hack Saw Frames, Grass Hooks, Saw Joints, Saw Setting Hammers, Car Movers, Saw Guards, Hack Saws, Hand Saws, Non-Breakable Hack Saws, etc., Atkins (E. C.) & Co., Indianapolis, Ind.
- E LINCOLN HATCHETS, Kelley Axe & Tool Works of the American Fork & Hoe Co., 1673 Euclid Av., Cleveland, O.
- ERDEEN Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- W Shovels, Spades and Scoops, Handles, Forks, Hoes and Rakes, Post Hole Diggers, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- & J. Kitchen Tools, Bathroom Fixtures, Beaters, A. & J. Kitchen Tool Co., 1949 N. Cicero Av., Chicago, Ill.
- Thermostats, Oil Control Valves, Furnace and Boiler Heat Regulator Sets, Automatic Products Co., 2442 N. 32nd, Milwaukee, Wis.
- CO Anchor Chain, American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.
- CO-MORROW Pressure Lubricators, American Chain & Cable Co., Inc., York, Pa.
- E LIGHTWEIGHT Shovel, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- E Cylinder Locks and Padlocks, Chicago Lock Co., 3024 N. Racine Ave., Chicago, Ill.
- E Electric Clothes Washing Machines, Dexter Co., Fairfield, Ia.
- E Lawn Trimmers, F. & N. Lawn Mower Co., Richmond, Ind.
- E Mechanics Tools, Taps, Dies, Reamers & Screw Extractors, Hanson, Henry L., Inc., 25 Union, Worcester, Mass.
- E Oil Ranges, Cook Stoves, Huenefeld Co., Cincinnati, O.
- E Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- E Padlocks, Master Lock Co., 926 W. Juneau Ave., Milwaukee, Wis.
- E Scissors, Acme Shear Co., 150 Joseph, Bridgeport, Conn.
- EHI Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- ME Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- ME Bed & Furniture Casters, Trunk Casters, Schatz Mfg. Co., Castor Div., Poughkeepsie, N. Y.
- ME Butcher Block Brushes, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.
- ME Can Openers, Goodell Co., Antrim, N. H.
- ME Corrugated Wood Joint Fasteners, Acme Steel Co., 2838 Archer Ave., Chicago, Ill.
- ME Cultivator Hoes, Union Fork & Hoe Co., Columbus, Ohio.
- ME Cutting Nippers, Capewell Mfg. Co., Hartford, Conn.
- ME Flour Sifters, Flue Stoppers, National Enameling & Stamping Co., Milwaukee, Wis.
- ME Folding Step Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- ME Hammers, Hatchets, Bricklayers Scutches, Evansville Tool Works Div. of the American Fork & Hoe Co., 1623 Euclid Av., Cleveland, Ohio.
- ME Inspectors Lanterns, Diets (R. E.) Co., 60 Laight, New York, N. Y.
- ME Post Hole Diggers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- ME Screen Door Hinges, Cleveland Lock Works, Inc., Div. Consolidated Iron-Steel Mfg. Co., 1290 E. 53rd, Cleveland, O.
- ME Screen Wire Cloth, Hanover Wire Cloth Co., Hanover, Pa.
- ME Shears, Acme Shear Co., 150 Joseph, Bridgeport, Conn.
- ME Snow Shovels, Rugg Mfg. Co., Greenfield, Mass.
- ME Stove Pipe, Reeves Mfg. Co., Dover, Ohio.
- JRN Leather Soles & Heels, Shoe Taps, Horseshoe Pads, Wilder & Company, 1038 N. Crosby, Chicago, Ill.
- JRN Safety Razor Blade Holders, McGill Metal Products Co., Marengo, Ill.
- JRN Taps & Dies, Greenfield Tap & Die Corp., Greenfield, Mass.
- JRN Wood Carving Tools (British), Alfred Field & Co., Inc., 98 Chambers, New York, N. Y.
- JUSTICAL KRAKNO Cinema Sound Screen Paint, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, O.
- IONITE Furnished Line, Enterprise Mfg. Co., Dept. HA, Akron, O.
- ALOX Abrasive Paper, Behr-Manning Corp., Troy, N. Y.
- AMS Kitchen Saws, Ohlen-Bishop Co., Columbus, O.
- ELITE Paint & Varnish Removers, Glidden Co., Madison Ave. and Berea Rd., Cleveland, Ohio.
- E-O-MATIC Griddles, Baking Ovens, Corn Poppers, Ade-O-Matic Co., 400 N. Michigan Av., Chicago, Ill.
- A-THERMATIC Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave., Cincinnati, O.
- UST Door Holders, Grand Specialties Co., 3101 W. Grand Av., Chicago, Ill.
- USTABLE Barn Door Hangers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- USTABLE NU-GRIP Steel Fishing Rods, Gephart Mfg. Co., 224 W. Illinois, Chicago, Ill.
- UST-O-MATIC Electric Heating Pads, Water Heaters, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- IRAL Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- IRATION Shears, Acme Shear Co., 150 Joseph, Bridgeport, Conn.
- IAN Wire Fence, Mid-State Steel & Wire Co., Crawfordsville, Ind.
- LIATIC Gut Leaders, Enterprise Mfg. Co., Akron, O.
- JLT Laundry Stoves, Gray & Dudley Co., 222 3rd Ave., N. Nashville, Tenn.
- ADVANCE Hand & Wind Mill Pumps, Myers (F. E.) & Bros. Co., Ashland, Ohio.
- ADVANCE Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- AERO Extension Ladders, Flint (A. W.) Co., New Haven, Conn.
- AERO Furniture Polish, Midway Chemical Co., Div. American Home Products Corp., 257 Cornelison Ave., Jersey City, N. J.
- AEROLATOR Air Conditioners, Norge Div., Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich.
- AEROLITE Grinding Wheels, Atkins (E. C.) & Co., Indianapolis, Ind.
- AEROLITE Safety Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- AERO-MIST Window Cleaning Spray, Midway Chemical Co., Div. American Home Products Corp., 257 Cornelison Ave., Jersey City, N. J.
- AEROMOP Polishing Mops, Wool Dusters, Midway Chemical Co., Div. American Home Products Corp., 275 Cornelison Av., Jersey City, N. J.
- AEROWAY Polishing Mops, Midway Chemical Co., Div. American Home Products Corp., 275 Cornelison Av., Jersey City, N. J.
- AEROWAX Wax Polish, Midway Chemical Co., Div. American Home Products Corp., 275 Cornelison Av., Jersey City, N. J.
- AETNA Iron & Steel Squares, Southington Hdwe. Co., Southington, Conn.
- AETNA Lawn Sprinklers, Allen (W. D.) Mfg. Co., 666 W. Lake, Chicago, Ill.
- AETNA Sash Cord, Samson Cordage Wks., 89 Broad, Boston, Mass.
- AGRICO Chemical Fertilizer, American Agricultural Chemical Co., 50 Church, New York, N. Y.
- AGRTOL Dynamite, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- AIREX Air Valves, International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.
- AIR-FLO Fly Swatters, Auburn Rubber Corp., Auburn, Ind.
- AIR-FLO Radiator Shields, National Enameling & Stamping Co., Milwaukee, Wis.
- AIRFLOW CATALYST Gas Range Flue Deflectors, Ward Mfg. Co., 107 E. Milwaukee Ave., Detroit, Mich.
- AIR-FLOW Hand Lawn Mowers, Heineke & Co., 1900 S. 8th, Springfield, Ill.
- AIRLINE Acid Core Solder, Gardiner Metal Co., 4820 S. Campbell Av., Chicago, Ill.
- AIR-LITE Glass Window Ventilators, National Screen Co., Inc., Suffolk, Va.
- AIR MASTER Hand Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- AIR-MET Reflective Insulation, Ruberoid Co., 500 Fifth Ave., New York, N. Y.
- AIR PILOT Cold Blast Lanterns, Tubular Lanterns, Embury Mfg. Co., Warsaw, N. Y.
- AIR SEAL Weatherstrip, Wirfs-Bosley Corp., 3242 N. California Ave., Chicago, Ill.
- AIR SHOT Drain Pipe & Trap Cleaners, National Metal Products Co., 710 Linden Ave., Waterloo, Ia.
- AIR-WAY Casement Window Hardware, Richards Wilcox Mfg. Co., Aurora, Ill.
- AJAX Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- AJAX Breast & Dredge Chains, American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.
- AJAX Cold Chisels, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- AJAX Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- AJAX Ladder, Roof and Shingling Brackets, Ajax Building Bracket Co., 1851 Rydal Mount Rd., Cleveland Heights, O.
- AJAX Leather Belting and Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- AJAX Spring Hinges, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.
- AJAX Weatherstrip Wirfs-Bosley Corp., 3242 N. California Ave., Chicago, Ill.
- AKERITE Surf Casting Reels, Enterprise Mfg. Co., Dept. HA, Akron, O.
- AKRON Fishing Reels, Spoons & Spinners, Enterprise Mfg. Co., Dept. H A, Akron, Ohio.
- ALABASCO Kalsomine, Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.
- ALABASTINE Paints, Enamels, Varnishes, etc., Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.
- ALABASTEX Texture Paints, Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.
- ALABAS-TONE Cold Water Paints, Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.
- ALADDIN Vacuum Bottles, Thermal Containers, Lunch Kits, Aladdin Industries, Inc., 223 W. Jackson Blvd., Chicago, Ill.
- ALADDIN Sani-Seal Thermal Insulated Jugs, Aladdin Industries, Inc., 223 W. Jackson Blvd., Chicago, Ill.
- ALADDIN Sani-Seal Vacuum Bottles, Aladdin Industries, Inc., 223 W. Jackson Blvd., Chicago, Ill.
- ALASKA Ice Cream Freezer, Alaska Freezer Co., Inc., Winchendon, Mass.
- ALBA-LITE Mill White Paints, Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.
- ALBA-LUX Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- ALBION Caulking and Glazing Gun, Albion Mfg. Co., Albert & Martha, Phila., Pa.
- ALDURA Wire Screen Cloth, New York Wire Cloth Co., 500 5th Ave., New York, N. Y.
- ALENCO Belt Lacing, Leather Belting, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- AL FOSS Pork Rind Strips, American Fork & Hoe Co., Geneva, Ohio.
- ALFRED'S Ice Skates & Shoes, Skate Protectors, Skate Sharpening Holders Johnson (Alfred) Skate Co., 2846 W. North Ave., Chicago, Ill.
- ALFALFA Double-Harpoon Hay Forks, Ney Mfg. Co., Canton, O.
- ALFRESCO Cold Water Paints, Reardon Co., St. Louis, Mo.



- ALGONQUIN Safety Razors, Gillette Safety Razor Co., 15 W. 1 St., Boston, Mass.
- ALL AMERICAN Insulated Picnic Jugs and Ice Boxes, Metal Industries, Inc., 908 Senate Av., Indianapolis, Ind.
- ALL AMERICAN Scale Model Railroad, Cleveland Model & Supply Co., Inc., 4508-D87 Lorain Av., Cleveland, O.
- ALL AMERICAN Steel Tapes, Eagle Rule Mfg. Corp., 514 Hunts Point Av., New York, N. Y.
- ALL-CHAIN Furniture Braces, Buckeye Glide Co., Inc., 181 E. 23rd, New York, N. Y.
- ALL ELECTRIC Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- ALLEN Hollow Set Screws, Socket Head Shoulder Cap Screws, Socket Head Pipe Plugs, Tap Extensions, Allen Mfg. Co., Hartford, Conn.
- ALLEN Glue, Cement, Solder, Flux, Soldering Paste, Sal Ammoniac, Soldering Coppers, Water Softeners, etc., Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Ave., Chicago, Ill.
- ALLEN-RANDALL Bolt & Rivet Clippers, Porter (H. K.), Inc., Everett, Mass.
- ALLEN'S Gas Heaters, Parlor Furnaces, Allen Mfg. Co., Nashville, Tenn.
- ALLEN'S OAK Coal and Wood Heaters, Allen Mfg. Co., Nashville, Tenn.
- ALLEN'S PRINCESS Coal & Wood Ranges, Allen Mfg. Co., Nashville, Tenn.
- ALLEN'S STREAMLINE Coal and Wood Ranges, Allen Mfg. Co., Nashville, Tenn.
- ALL-HARD Hack Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- ALLIGATOR Belt Fasteners, Belt Lacing, Belt Cutters, Flexible Steel Lacing Co., 4616 Lexington, Chicago, Ill.
- ALLIGATOR Porcelain Wiring Knobs, Porcelain Products, Inc., Findlay, O.
- ALLIGATOR Sliding Door Locks & Latches, Allith-Prouty, Inc., Danville, Ill.
- ALL IN ONE Can Openers, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.
- ALL PURPOSE Broilers, Union Steel Products, Albion, Mich.
- ALL-PURPOSE Chisel & Punch Sets, Vlehek Tool Co., 8006 E. 87th, Cleveland, Ohio.
- ALL-PURPOSE Racks and Hooks, Autoyre Co., Oakville, Conn.
- ALL-STEEL Pruning Shears, Lopping Shears & Hedge Shears, Seymour Smith & Son, Inc., Oakville, Conn.
- ALLWAY Hack Saw Frames, Ultra Mfg. Co., 226 E. 144th, New York, N. Y.
- ALLWAY Handy Keyhole Hack Saws, Allway Mfg. Co., 226 E. 144th, New York, N. Y.
- ALLWAY Master Compass Saws, Keyhole Saws, Ultra Mfg. Co., 226 E. 144th, New York, N. Y.
- ALOXITE Razor Hones, Scythes, Niages, Grinding Wheels, Abrasive Papers, etc., Carborundum Co., Niagara Falls, N. Y.
- ALPHA Dairy Power Plant, De Laval Separator Co., 165 B'way, New York, N. Y.
- ALPINA Roof Ventilators, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- ALPINE Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- ALTHEA Silk Lines, Enterprise Mfg. Co., Dept. HA, Akron, O.
- ALUMALITE Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- ALUMIKOTE Aluminum Paints, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.
- ALUMINA Wire Screen Cloth, Reynolds Wire Co., Dixon, Ill.
- ALUMINEX Aluminum Ware, Buckeye Aluminum Co., Wooster, Ohio.
- ALUMINUM STRIPE Fence Posts, Keystone Steel & Wire Co., Peoria, Ill.
- ALUMINUM-VICTORY Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- ALUMI-SODER Aluminum Solder, Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Ave., Chicago, Ill.
- ALUM-NIZE Files, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- ALUNDUM Abrasive Grains, Scythe Stones, Behr-Manning Corp., Troy, N. Y.
- ALUNDUM Abrasive Paper & Cloth, Armour Sandpaper Works, 1355 W. 31st, Chicago, Ill.
- ALWAYS RELIABLE Torches, Bernz (Otto) Co., Inc., Rochester, N. Y.
- AMBASSADOR Hand Lawn Mower, Coldwell Lawn Mower Co., Newburgh, N. Y.
- AMBASSADOR DE LUXE Hand Lawn Mower, Coldwell Lawn Mower Co., Newburgh, N. Y.
- AMBERLOID Screw Drivers, Great Neck Saw Mfrs., Inc., Great Neck, L. I.
- AMBERTUF Screw Drivers, Mayhew Steel Products, Inc., Shelbourne Falls, Mass.
- AMCO All Weather Rope, American Mfg. Co., Noble & West, B'klyn, N. Y.
- AMCO Soldering Paste and Flux, American Solder & Flux Co., 2152 E. Norris, Phila., Pa.
- AMERICAN AX Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- AMERICAN Barbed Wire, Fence Posts and Wire Fence, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
- AMERICAN Barbed Wire, Wire Fence, Wire Nails, Carpet Tacks, Corn Cribbs, Wire Cable & Rope, Fence Posts, Small Springs, Farm Gates, Hexagon Poultry Netting, Trellises, etc., American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- AMERICAN BEAUTY Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Bork-Warner Corp., New Castle, Ind.
- AMERICAN BEAUTY Washing Machines, Getz Power Washer Co., Morton, Ill.
- AMERICAN Boy Steel Fishing Rods, American Fork & Hoe Co., Geneva, O.
- AMERICAN Cordaxe & Twine, American Mfg. Co., Noble & West, B'klyn, N. Y.
- AMERICAN Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- AMERICAN Door Holders, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.
- AMERICAN Electric Hand Saw, Wax Polishes, American Floor Surfacing Machine Co., 518 S. St. Clair, Toledo, O.
- AMERICAN FIELD Hunting Clothing, Hettrick Mfg. Co., 1401 Summit, Toledo, O.
- AMERICAN Files & Rasps, Nicholson File Co., Providence, R. I.
- AMERICAN Food Choppers, Enterprise Mfg. Co. of Pa., Third & Dauphin, Phila., Pa.
- AMERICAN Gardener Garden Cultivators, American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.
- AMERICAN Gas Water Heaters, Hotstream Heater Co., 8007 Grand Ave., Cleveland, O.
- AMERICAN Gasoline Water Heaters, Ranges, Stoves, Gasoline Room Heaters, etc., American Gas Machines Co., Inc., Albert Lea, Minn.
- AMERICAN Hay Knives, Ney Mfg. Co., Canton, O.
- AMERICAN HORSE Hand Horse Clippers, American Shearers Mfg. Co., Nashua, N. H.
- AMERICAN MAID Scythes, North Wayne Tool Co., Oakland, Me.
- AMERICAN Metal Tile, Milcor Steel Co., S. 41st Ave. & Burnham, Milwaukee, Wis.
- AMERICAN PONTIAC Gas Water Heaters, Hotstream Heater Co., 8007 Grand Av., Cleveland, O.
- AMERICAN READYKOOK Gasoline Stove, American Gas Machine Co., Inc., Albert Lea, Minn.
- AMERICAN Screen Wire Cloth, American Wire Fabrica Corp., 41 E. 42nd, New York, N. Y.
- AMERICAN Shears, Acme Shear Co., 150 Joseph, Bridgeport, Conn.
- AMERICAN Swiss Mechanics' Tools & Knurls, American Swiss File & Tool Co., 410 Trumbull, Elizabeth, N. J.
- AMERICAN TIGER BRAND Wire Cable, Columbia Steel Co., 235 Montgomery, San Francisco, Cal.
- AMERICAN Tin Plate, Carnegie-Illinois Steel Corp., Pittsburgh, Pa.
- AMERICAN Wall Boards, Bird & Son, Inc., East Walpole Mass.
- AMERICAN White Pipe Joint Cement, Passonno-Hutcheon Co., 9808 Meach Av., Cleveland, O.
- AMERICORE Insulated Wire, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- AMERITE Insulated Wire, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- AMEROCK Cabinet and Chest Hardware, American Cabinet Hardware Corp., Rockford, Ill.
- AMES Forks, Hoes and Rakes, Ames Baldwin Wyoming Co., Parkersburg, W. Va.
- AMPARAK Insulated Wire, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- AMPRO Casting Reels, Enterprise Mfg. Co., Dept. HA, Akron, O.
- AMSCO Chamois, American Sponge & Chamois Co., Inc., 47 Ann, New York, N. Y.
- ANACONDA Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- ANACONDA Sheet Brass, Copper, Tubing, Wire and Screen Wire Cloth, etc., American Brass Co., Waterbury, Conn.
- ANCHOR Asphalt Paint & Roofing, Barrett Co., 40 Rector, New York, N. Y.
- ANCHOR Carving Pins, Hollis Co., Inc., 207 Market, Newark, N. J.
- ANCHOR Chrome Face Steel Tapes, Lufkin Rule Co., Saginaw, Mich.
- ANCHOR Cutlery, Cake Turners, Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
- ANCHOR Glue, Cudahy Packing Co., Anchor Glue Div., Dept. 1, Chicago, Ill.
- ANCHOR Hatchets, Plumb (Fayette R.), Inc., 4837 James, Phila., Pa.
- ANCHOR Manila Rope, American Mfg. Co., Noble & West, B'klyn, N. Y.
- ANDERSON Can Openers, Goodell Co., Antrim, N. H.
- ANDERSON Farm Gates, Mid-States Steel & Wire Co., Crawfordsville, Ind.
- ANDERSON Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- ANDROCK Hardware & House Furnishing Specialties, Washburn Co., Worcester, Mass.
- ANDY Sponges and Chamois, American Sponge & Chamois Co., Inc., 47 Ann, New York, N. Y.
- ANKER-HOLTH Cream Separators, Anker-Holth Mfg. Co., Inc., 2700 Conner, Port Huron, Mich.
- ANN WASHINGTON Coal Stoves, Gray & Dudley Co., 222 3rd Ave. N., Nashville, Tenn.
- ANNA Sponges and Chamois, American Sponge & Chamois Co., Inc., 47 Ann, New York, N. Y.
- ANSONIA Finger Nail Clippers, H. C. Cook Co., Ansonia, Conn.
- ANTCHEK Ant Traps, Rotenone Products Co., Inc., East Orange, N. J.
- ANT-DED Ant Powder, Midway Chemical Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J.
- ANT FLOWERS Ant Exterminator, Midway Chemical Co., Div. American Home Products Co., 257 Cornelison Av., Jersey City, N. J.
- ANT GAS Ant Exterminator, Hammond Paint & Chemical Co., Beacon, N. Y.
- ANTHONY Wire Fence, American Steel & Wire Co., 208 So. La Salle, Chicago, Ill.
- ANTI-SAG Screen Door Braces, Daniel (Edward W.) Co., 4062 St. Clair Av., Cleveland, O.
- ANTI-SUCK Calf Weaners, Imperial Bit & Snap Co., Racine, Wis.
- ANTROL Insecticides and Ant Exterminators, Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J.
- ANTUBE Ant Exterminator, Buckeye Chemical & Specialty Co., 131 E. 23rd St., New York, N. Y.
- ANT-X Ant Exterminators, Nott Mfg. Co., 87 Frankfort, New York, N. Y.
- APACHE Hand Lawn Mowers, Rugg (E. T.), Co., Newark, O.
- APACHE Riding Saddle Pads, American Pad & Textile Co., Greenfield, Ohio.
- APARTMENT Bathroom Scales, Hanson Scale Co., 528 North Ada, Chicago, Ill.
- APEX Coated Fabrics, Apex Coated Fabrics Co., Inc., 16 E. 22nd, New York, N. Y.
- APEX Screen Wire Cloth, Hanover Wire Cloth Co., Hanover, Pa.
- APOLLO Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- AQUA Film Shower Curtains, International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.
- AQUA-TITE Roofing and Siding, Continental Steel Corp., Kokomo, Ind.
- AQUAMATIC Hose Nozzles, Smith (D. B.) & Co., Utica, N. Y.
- ARCADE Files & Rasps, Nicholson File Co., Providence, R. I.
- ARCTIC BAY Tarpaulins, Hettrick Mfg. Co., 1401 Summit, Toledo, Ohio.
- ARGO Poultry Brood Coops, Mit-Shel Stamping Mfg. Co., Quincy, Ill.
- ARGYLE Nail Hammers, Collins Co., Collinsville, Conn.
- ARISTOCRAFT Aluminum Cooking Utensils, Griswold Mfg. Co., Erie, Pa.
- ARISTOCRAT AXES, Evansville Tool Wks. Div. of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- ARISTOCRAT Flexible-Rigid Steel Rules, Lufkin Rule Co., Saginaw, Mich.
- ARISTOCRAT Oil Burning Circulating Heaters, Quaker Mfg. Co., 221 W. Erie, Chicago, Ill.
- ARISTOCRAT Steel Fishing Rods, American Fork & Hoe Co., Geneva, O.
- ARIZONA Electric Radiant Heater, General Electric Co., 1285 Boston Av., Bridgeport, Conn.
- ARKANSAS Pocket Hones, Behr-Manning Corp., Troy, N. Y.
- ARLINGTON Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- ARM & HAMMER Leather Belting, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- ARMOR D Handles, Steel & Wood, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.

ARMOR-LITE Safety Glass, American Window Glass Co., 1609 Farmers Bank Bldg., Pittsburgh, Pa.  
 ARMOR SPAR Spar Varnish, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood), Cincinnati, Ohio.  
 ARMORED Cable Cutter, Wiss (J.) & Sons Co., 33 Littleton Ave., Dep. A., Newark, N. J.  
 ARMOUR Abrasive Paper and Cloth, Armour Sandpaper Works, 1355 W. 31st, Chicago, Ill.  
 ARMPLEX Door Closers, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.  
 ARMSTRONG Drop Forged Wrenches, Armstrong Bros. Tool Co., 300 N. Francisco Ave., Chicago, Ill.  
 ARMSTRONG Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 ARMSTRONG BROS. Pipe Tools, Armstrong Bros. Tool Co., 300 N. Francisco Ave., Chicago, Ill.  
 AROUND THE CORNER Garage Door Sets, Frantz Mfg. Co., Sterling, Ill.  
 ARROW Barbed Wire, Keystone Steel & Wire Co., Peoria, Ill.  
 ARROW EXPRESS Shot Gun Shells, Remington Arms Co., Inc., Bridgeport, Conn.  
 ARROW Files & Rasps, Heller Brothers Co., 856 Mt. Prospect Ave., Newark, N. J.  
 ARROW Gaff Hooks, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 ARROW Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.  
 ARROW Hickory Handles, Bruner-Ivory Handle Co., Hope, Ark.  
 ARROW Leather Belting, Allen (W. D.), Mfg. Co., 566 W. Lake, Chicago, Ill.  
 ARROW POINT Spades, Scoops, & Shovels, Wood Shovel & Tool Co., Piqua, Ohio.  
 ARROW SPECIFIED Shot Gun Shells, Remington Arms Co., Inc., Bridgeport, Conn.  
 ARROW Window Cleaners, Floor Cleaners, Squeegees, Paint Scrapers, Safety Razor Blade Holders, Squeegee Pole Connectors, Mop Sticks, Greenview Mfg. Co., 2557 Greenview Ave., Chicago, Ill.  
 ARTISAN Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.  
 ARTISTIC Flower Holders, Carpenter (E. W.) Mfg. Co., 1565 Railroad Ave., Bridgeport, Conn.  
 ARTIC Ice Cream Freezers, White Mountain Freezer Co., Inc., Nashua, N. H.  
 ARTWOOD Repair Handles, Wood Shovel & Tool Co., Piqua, Ohio.  
 ARVIN Automobile Heaters, Electric Heaters, Radio Receiving Sets, Noblitt-Sparks Industries, Inc., Columbus, Ind.  
 ASHLAND Hand & Wind Mill Pumps, Force Pumps, Pump Jacks, Power Pumps, Tank Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 ASS Skin Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.  
 ASSOCIATED Gasoline Engines, Associated Manufacturers, Inc., Waterloo, Ia.  
 ATHEA Fishing Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 ATLAPAC Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 ATLAS Ash & Garbage Cans, Reeves Steel & Mfg. Co., Dover, Ohio.  
 ATLAS Bench Lathes, Arbor Presses, Drill Presses, Motors, Vices and Grinders, Atlas Press Co., 841 N. Pitcher, Kalamazoo, Mich.  
 ATLAS Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.  
 ATLAS Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 ATLAS Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.  
 ATLAS Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 ATLAS Post Hole Digger, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 ATLAS Post Hole Diggers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.  
 ATLAS Screw Drivers, Forsberg Mfg. Co., Bridgeport, Conn.  
 ATLAS Weatherstrip, Wirtz-Bosley Corp., 3242 N. California Ave., Chicago, Ill.  
 ATLASITE Casters, Bassick Co., Bridgeport, Conn.  
 AUBURN Kneeling Pads, Rubber Soles, Auburn Rubber Corp., Auburn, Ind.  
 AUB-RUBER Rubber Toys, Auburn Rubber Corp., Auburn, Ind.  
 AUCLAND Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 AUNT JOSIE Clothes Lines, Puritan Cordage Mills, Louisville, Ky.  
 AURORA Dinner Pails, National Enameling & Stamping Co., Milwaukee, Wis.  
 AURORA Power Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.  
 AURORA QUEEN Barn Door Hangers, Western Products, Inc., New Castle, Ind.  
 AURORA VICTOR Barn Door Hangers, Western Products, Inc., New Castle, Ind.  
 AUSTRALIAN Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 AUT-O-DOR Garage Door Openers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 AUTO-KRAT Ironing Boards, Ironing Tables, Wash Boards, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.  
 AUTOMATIC Laundry Queen, Electric Clothes Washing Machines, Automatic Washer Co., Newton, Ia.  
 AUTOMATIC Lock Casement Window Stays, Casement Hardware Co., 404 North Wood, Chicago, Ill.  
 AUTOMATIC JR. Hand Lawn Mower, Blair Mfg. Co., Springfield, Mass.  
 AUTOPLA Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 AUTO-SET Rat & Mouse Traps, Animal Trap Co. of America, Lititz, Pa.  
 AUTO SO-LO Plastic Rubber, Tire Kits, So-Lo Works, Cincinnati, Ohio.  
 AUTOSPRAY Garden & Field Sprayers Brown (E. C.) Co., Rochester, N. Y.  
 AUTO-VACUUM Ice Cream Freezer, Beverage Bottle Cooler, Alaska Freezer Co., Inc., Winchendon, Mass.  
 AVALANCHE Snow Pushers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.  
 AVON Scissors, Acme Shear Co., 150 Joseph, Bridgeport, Conn.  
 A-Z Saw Set, Atkins (E. C.) & Co., Indianapolis, Ind.  
 AZTEC Asbestos Products, Asbestos Textile Co., Inc., 167 W. Wacker Drive, Chicago, Ill.

## B

BA Abrasive Cloth, Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.  
 BA Abrasive Papers & Cloths, Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.  
 BB Hand Horse Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 BBA Sheep Shears (British), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 BBN Sheep Shears (British), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 B&C Wrenches, Billings & Spencer Co., Hartford, Conn.  
 B&S Wrenches, Pliers, Screw Drivers, Billings & Spencer Co., Hartford, Conn.  
 B. W. H. Mechanical Rubber Goods, Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 BX Flexible Steel Armored Cable, General Electric Co., 1285 Boston Ave., Bridgeport, Conn.  
 BABCOCK Spruce Ladders, Babcock (W. W.) Co., Bath, N. Y.  
 BABY BEN Alarm Clocks, Westclox Div. of General Time Instruments Corp., La Salle, Ill.

BABY COPPERLITE Flashlights, Ray-O-Vac Co., Madison, Wis.  
 BABY GRAND Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.  
 BABY Non-Skid Screw Driver, Bridgeport Hardware Mfg. Co., Bridgeport, Conn.  
 BABY RING Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 BABY Shockless Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 BABY Terrier Crate Opener, Bridgeport Hardware Mfg. Co., Bridgeport, Conn.  
 BACK-SAVER Scythe Snaths, Sta-Tite Snath Co., W. Shelbyville, Ind.  
 BACO Casters, Bassick Co., Bridgeport, Conn.  
 BACONCRISP Broilers, Hamlin Metal Products Co., 50 W. Exchange, Akron, O.  
 BADGER Aluminum Ware, West Bend Aluminum Co., West Bend, Wis.  
 BADGER Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 BAILEY Planes, Stanley Tools Div., Stanley Works, New Britain, Conn.  
 BAK-O-GRILL Electric Table Stoves, Electric Grills, National Enameling & Stamping Co., Milwaukee, Wis.  
 BAKER Barbed Wire, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 BAKER Barbed Wire, Tennessee Coal, Iron & R.R. Co., Birmingham, Ala.  
 BALDWIN'S Alloy Steel Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 BALL DEVIL Pot Cleaners, Smith (Landon P.), Inc., 130 Colt, Irvington, N. J.  
 BALQUIL Fishing Floats, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BALTZLY Stove Trucks, Arcade Mfg. Co., Freeport, Ill.  
 BAMBOLITE Rod Varnish, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 BANKO Axes, Scythes (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.  
 BANKROL Time Locks, Yale & Towne Mfg. Co., Stamford, Conn.  
 BANNER Drag Scrapers, American Steel Scraper Co., Sidney, O.  
 BANNER Fence Posts, Tennessee Coal, Iron & R.R. Co., Birmingham, Ala.  
 BANNER Gaff Hooks, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 BANNER Hand Lawn Mowers, Heinicke & Co., 1900 S. 8th, Springfield, Ill.  
 BANNER Measuring Tapes, Caliper & Dividers, Lufkin Rule Co., Saginaw, Mich.  
 BANNER Sprayers, Smith (D. B.) & Co., Utica, N. Y.  
 BANNER Steel Fence Posts, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 BANTAM Spades and Scoops, American Fork & Hoe Co., Cleveland, Ohio.  
 BANZAI Enamel Paints, Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa.  
 BARB ELEC Electric Fence Controllers, Diller Electric Mfg. Co., Kokomo, Ind.  
 BARBAK Disinfectants, American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, New York, N. Y.  
 BARCALO Tools, Barcalo Mfg. Co., Louisiana & Nelson, Buffalo, N. Y.  
 BARNEY THE BEAR Sandpapers and Cloths, Behr-Manning Corp., Troy, N. Y.  
 BARNHIDE Barn Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.  
 BAROUIDES Barometers, Taylor Instrument Companies, Rochester, N. Y.  
 BARRE Pneumatic Tools, Trow & Holden Co., 45 South Main, Barre, Vt.  
 BARRETT Cattle Spray Insecticides, Rock Wool, Barrett Co., 40 Rector, New York, N. Y.  
 BARRETT CRECNOID Insecticides, Barrett Co., 40 Rector, New York, N. Y.  
 BARRETT Glass Cutters, Barrett, Wm. L., Bristol, Conn.  
 BARRETT-HOLT Roof Connections, Barrett Co., 40 Rector, New York, N. Y.  
 BARRETT WEJJEV Hose Couplings, Cleveland Brass Mfg. Co., 4606 Hamilton Ave., Cleveland, Ohio.  
 BARTON Electric Clothes Washing Machines, Electric Ironers, Barton Corp., West Bend, Wis.  
 BASCO Battery Chargers, Key Blanks, Locks, Lighting Plants and Gasoline Engines, Briggs-Stratton Corp., 2711 N. 13th, Milwaukee, Wis.  
 BASSICK Household Furniture Casters, Rubber Cushion Slides, etc., Bassick Co., Bridgeport, Conn.  
 BAT-R-UP Baseball Game, Stampit Corp., Brookfield, Ill.  
 BATTLE CREEK Hose Nozzles, Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 BAY STATE Cross Cut Saws, Simonds Saw & Steel Co., Fitchburg, Mass.  
 BAY STATE Hand Lawn Mower, Blair Mfg. Co., Springfield, Mass.  
 BAY STATE Shot Gun, Harrington & Richardson Arms Co., Worcester, Mass.  
 BEACON Camp Lamps, Wall Lanterns, Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 BEACON Clothes Lines, Silver Lake Co., 99 Chauncy, Boston, Mass.  
 BEALL'S XTRA BRAND Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 BEAN X Bean Stringer & Slicer, Coughlan (G. N.), 422 Alden, Orange, N. J.  
 BEAR VALLEY Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BEARCAT Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BEAVER Brand Blasting Fuses, Ensign Bickford Co., Simsbury, Conn.  
 BEAVER Clothes Lines, Samson Cordage Wks., 89 Broad, Boston, Mass.  
 BEAVER Cross Cut Saws, Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 BEAVER Files & Rasps, Nicholson File Co., Providence, R. I.  
 BEAVER 21 Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 BEDROCK Fishing Tackle Assortments, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BED ROCK Planes, Stanley Tools Div., Stanley Works, New Britain, Conn.  
 BEE BRAND Insect Powder, Insecticides, Disinfectants, McCormick Sales Co., McCormick Bldg., Baltimore, Md.  
 BEEBE Cultivator Hoes, Union Fork & Hoe Co., Columbus, Ohio.  
 BELL Coffee Percolators, West Bend Aluminum Co., West Bend, Wis.  
 BELMONT Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 BELMONT Babbitt Metal, Lead Plumbers Goods, Bar, Block and Pig Tin, Solder, Zinc, Sal Ammoniac, etc., Belmont Smelting & Refining Works, Inc., 317 Belmont Ave., Brooklyn, N. Y.  
 BELTED BULLET Rifle Cartridges, Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn.  
 BENDIX MOWERAKE Lawn Mower Rake or Comb, Eclipse Mach. Co., Elmira, N. Y.  
 BENDIX RED CAP Hose Couplings, Eclipse Mach. Co., Elmira, N. Y.  
 BENGAL Sash Cord, Silver Lake Co., 99 Chauncy, Boston, Mass.  
 BEN HUR Wire Fence, Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 BENT Grass Hand Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.  
 BENT Grass Special Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.  
 BENTLAWN Hand Lawn Mower, Coldwell Lawn Mower Co., Newburgh, N. Y.

- BENTLAWN DELUXE Hand Lawn Mower, Coldwell Lawn Mower Co., Newburgh, N. Y.
- BEREA Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch., Cleveland, O.
- BERG Cutlery (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- BERG'S Pliers, Nippers, Hand Vises (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- BERKLEY Electric Coffee Urns, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- BERLOY Sheet Metal Products, Berger Mfg. Co. Div. Republic Steel Corp., Canton, Ohio.
- BERMALO Paints, Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.
- BERNARD Carryawl Kit, Hand Metal Punches, Schollhorn (Wm.) Co., 418 Chapel, New Haven, Conn.
- BERNARD Pliers, Nippers, Punches, Pruning Shears, Garden Markers, Tools, Seal Press, Schollhorn (Wm.) Co., 414 Chapel, New Haven, Conn.
- BERON Grinding Wheels, Abrasive Bricks & Sticks, Knife Sharpeners, Jointer Stones, Bench Stones, Slip Stones, etc., Berea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch., Cleveland, O.
- BEROX Grinding Wheels, Abrasive Bricks & Stones, Knife Sharpeners, Jointer Stones, Bench Stones, Slip Stones, etc., Berea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch., Cleveland, O.
- BEST Barrel Pumps, Smith (D. B.) & Co., Utica, N. Y.
- BEST-BODIED ENAMELIZED Paint, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- BEST Locks and Latches, Best Universal Lock Co., 730 E. Washington, Indianapolis, Ind.
- BEST-MAIDE Tool, Sickle & Knife Grinders, Luther Grinder & Tool Co., Fond Du Lac, Wis.
- BESTWAY Camp Broilers, Frankfurter and Hamburger Roasters, Broilers, Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, Ohio.
- BETHANIZED Wire and Wire Fence, Bethlehem Steel Co., Bethlehem, Pa.
- BETHLEHEM Barbed Wire, Plain & Galv. Wire, Staples, Wire Nails, Bolts, etc., Bethlehem Steel Co., Bethlehem, Pa.
- BETTER MADE Minnow Pails, Mit-Shel Stamping Mfg. Co., Quincy, Ill.
- BETTER Rat & Mouse Traps, McGill Metal Products Co., Marengo, Ill.
- BETTY ANN Ironing Boards & Tables, Rich Ladder & Mfg. Co., 1028 Depot, Cincinnati, O.
- BETTY BRIGHT Self Wringing Mops, Parker Mfg. Co., 819 Woodland Ave., Warren, Ohio.
- BEVELRITE Knife Grinders, Behr-Manning Corp., Troy, N. Y.
- BICYCLE LOCK Padlocks, Master Lock Co., 926 W. Juneau Ave., Milwaukee, Wis.
- BIDDY-WAY Brooders, Makomb Steel Products Co., Macomb, Ill.
- BIG BEAR Machinists Vises, Parker (Chas.) Co., Meriden, Conn.
- BIG BEN Alarm Clocks, Westclox Div. of General Time Instruments Corp., La Salle, Ill.
- BIG CHIEF Power Ice Cream Freezers, White Mountain Freezer Co., Inc., Nashua, N. H.
- BIG FIST Spades, Sprocks & Shovels, Wood Shovel & Tool Co., Piqua, Ohio.
- BIG 4 Barn Door Hangers, National Mfg. Co., Sterling, Ill.
- BIG FOUR Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- BIG VALUE Rubber Soles and Heels, etc., Auburn Rubber Corp., Auburn, Ind.
- BILLINGS Pipe Vises, Billings & Spencer Co., Hartford, Conn.
- BILTMORE Ice Skates & Shoes, Johnson (Alfred) Skate Co., 2846 W. North Ave., Chicago, Ill.
- BILT-RITE Weatherstrip, Wright Products Mfg. Corp., 2101 Kennedy, N. E., Minneapolis, Minn.
- BILTWELL Ash & Garbage Cans, Reeves Steel & Mfg. Co., Dover, Ohio.
- BIRD BATH Lawn Sprinklers, Allen (W. D.), Mfg. Co., 566 W. Lake, Chicago, Ill.
- BIRDIE Squids, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- BIRDSEYE Electric Incandescent Bulbs, Wabash Appliance Corp., 335 Carroll, Brooklyn, N. Y.
- BIRGE Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- BISSELL Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.
- BITE-RITE Files, Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- BITREADLE Foot Power Grindstones, Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- RIZ Artificial Fish Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- BLACK BEAR Weatherstrip, Gardner Mfg. Co., 5045 W. Lake, Chicago, Ill.
- BLACK BEAUTY Bicycles, Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y.
- BLACK BEAUTY Bicycle Tires, Mansfield Tire & Rubber Co., Mansfield, O.
- BLACKBIRD Floor Brushes, Osborn Mfg. Co., Cleveland, Ohio.
- BLACK CAT Roof Cement & Coatings, Foster (Benjamin) Co., 20th & Erie Ave., Philadelphia, Pa.
- BLACK CHIEF Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- BLACK DIAMOND Corn Knives, North Wayne Tool Co., Oakland, Me.
- BLACK DIAMOND Files & Rasps, Nicholson File Co., Providence, R. I.
- BLACK DIAMOND Roofing, Barrett Co., 40 Rector, New York, N. Y.
- BLACK DIAMOND Scythe Stones, Behr-Manning Corp., Troy, N. Y.
- BLACK DIAMOND Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- BLACK FLAG Roach and Flea Powder, Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelison Av., Jersey City, N. J.
- BLACK HEAD Nail Hammers, Mayhew Steel Products, Inc., Shelburne Falls, Mass.
- BLACK HANDLE Glass Cutters, Fletcher, Terry Co., Forestville, Conn.
- BLACK HAWK Hand Lawn Mowers, Rugg (E. T.) Co., Newark, O.
- BLACK JACK Stock Tank Heater, Starline, Inc., Harwood, Ill.
- BLACK KING Files & Rasps, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.
- BLACK KNIGHT Padlocks, Independent Lock Co., Fitchburg, Mass.
- BLACK LEAF 40 Insect Exterminators, Tobacco By-Products & Chemical Corp., Inc. Louisville, Ky.
- BLACK RAVEN Axes, Hatchets, Scythes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- BLACK SHIELD Sheathing, Barrett Co., 40 Rector, New York, N. Y.
- BLACKWIN Screw Drivers, Irwin Auger Bit Co., Wilmington, O.
- BLAIR Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- BLAIR JR. Toy Lawn Mower, Blair Mfg. Co., Springfield, Mass.
- BLAIR'S VICTOR Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- BLAKE & LAMB Trappers Trowels, Fleshing Knives, Fox & Wolf Drags, Hawkins Co., So. Britain, Conn.
- BLAKE & LAMB LONG SPRING Animal Traps, Hawkins Co., So. Britain, Conn.
- BLAKE & LAMB TRAPPER BOY Scout Axes, Hawkins Co., So. Britain, Conn.
- BLAKE & LAMB UNDER SPRING Animal Traps, Hawkins Co., So. Britain, Conn.
- BLAKE Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- BLAKE Pipe Vises, Combination Pipe & Bench Vises, Prentiss Vise Co., Little Falls, N. Y.
- BLAK-EN-AL Paints, Lowe Bros. Co., Dayton, Ohio.
- BLIZZARD Cold Blast Lanterns, Tubular Lanterns, Diets (R. E.) Co., N. Laight, New York, N. Y.
- BLIZZARD Hay Knives, North Wayne Tool Co., Oakland, Me.
- BLIZZARD Special Snow Shovels, Rugg Mfg. Co., Greenfield, Mass.
- BLIZZARD Sprayers, Smith (D. B.) & Co., Utica, N. Y.
- BLOODS Axes, Scythes, Bush Hooks, Grass Hooks, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- BLOUNT Door Closers, Independent Lock Co., Fitchburg, Mass.
- BLUFF CITY Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- BLU-FORGE Wrenches, Nail Sets, Bridgeport Hardware Mfg. Co., Bridgeport, Conn.
- BLU-MOL Hack Saws, Millers Falls Co., Greenfield, Mass.
- BLUE ARROW Cutlery, Russell Harrington Cutlery Co., Southbridge, Mass.
- BLUE BIRD Clothes Lines, Samson Cordage Wks., 89 Broad, Boston, Mass.
- BLUEBIRD Clothes Line Reels, Patent Novelty Co., Fulton, Ill.
- BLUE BIRD Curtain Rods, Judd (H. L.) Co., Inc., Wallingford, Conn.
- BLUEBIRD Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- BLUE BIRD Poultry Fountains, Mit-Shel Stamping Mfg. Co., Quincy, Ill.
- BLUE-BILL Squeezes, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- BLUE BOND Rubber Cements, So-Lo Works, Cincinnati, Ohio.
- BLUE BONNET Bale Ties, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- BLUE BONNET Bale Ties, Tennessee Coal, Iron & R.R. Co., Birmingham, Ala.
- BLUE END Folding Rules, Master Rule Mfg. Co., 817 E. 186th, New York, N. Y.
- BLUE END Hack Saws, Cross Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- BLUE HEART Awning Rope, Tent Rope, Yacht Lariat Rope, Manila Rope, Transmission Rope, Hooven & Allison Co., Xenia, Ohio.
- BLUE JACKET Hand Saws, Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- BLUEJAY Model Airplane Kit, Cleveland Model & Supply Co., Inc., 4508-D St. Lorain Av., Cleveland, O.
- BLUE LABEL Tool Steel, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.
- BLUE MONOGRAM Tennis Rackets, (Canadian) Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.
- BLUE POLISHED Plate Glass, Pittsburgh, Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- BLUE RIBBON Bicycles, Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y.
- BLUE RIBBON Glass Cutters, Glass Pliers, Barrett, Wm. L., Bristol, Conn.
- BLUE RIBBON Jugs, Knapp, Monarch Co., 3501 Bent Ave., St. Louis, Mo.
- BLUE RIBBON Lamp Chimneys, Kerr Hubbard & Kelly, Sand Springs, Okla.
- BLUE RIBBON Rubber Soles, Rubber Cement, Schacht Rubber Mfg. Co., Huntington, Ind.
- BLUE RIBBON Wire Fence, Keystone Steel & Wire Co., Peoria, Ill.
- BLUE RIVER Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- BLUE ROCK Targets, Chamberlin Target & Trap Wks. of Remington Arms Co., Inc., Bridgeport, Conn.
- BLUE STAR Paints, Lowe Bros. Co., Dayton, Ohio.
- BLUE STREAK Can Openers, Mincers, Jar Openers, Pea Shellers, Potato Mashers, Turner & Seymour Mfg. Co., Torrington, Conn.
- BLUE STREAK Stove Pipe Damper, Arcade Mfg. Co., Freeport, Ill.
- BLUE-STRIPE Abrasive Cloths and Papers, Clover Mfg. Co., Norwalk, Conn.
- BLUE WHIRL Egg Beaters, Turner & Seymour Mfg. Co., Torrington, Conn.
- BLUWIN Auger Bits, Irwin Auger Bit Co., Wilmington, Ohio.
- BOBBITE Celluloid Float, Enterprise Mfg. Co., Dept. HA, Akron, O.
- BOLO Raking Owens, Griswold Mfg. Co., Erie, Pa.
- BOLT-FAST Door & Window Bolts, Casement Hardware Co., 404 North Wood, Chicago, Ill.
- BOMBAY Vacuum Ice Cube Coolers, Manning, Bowman & Co., Meriden, Conn.
- BOMECO Weatherstrip, Wirts-Bosley Corp., 3242 N. California Ave., Chicago, Ill.
- BOMMER Spring Butt Hinges, Double and Single Action, Door Pivots, Latchery Latches, Bolts, Hinges, Floor Checking Hinges, Door Springs, Screen Door Hinges & Sets, Bommer Spring Hinge Co., 263 Casson Ave., B'klyn, N. Y.
- BONANZA Apple Parers, Goodell Co., Antrim, N. H.
- BOND Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- BOND Flashlights, Batteries, Hand Lanterns, Flashlight Holder, Bond Electric Corp., New Haven, Conn.
- BONDEX Cements, Paints, Waterproof Paints, Reardon Co., St. Louis, Mo.
- BONZAI Enamel Paints, Pittsburgh Plate Glass Co., Paint & Varnish Division, 486 Market, Milwaukee, Wis.
- BOOSTER Warm Air Furnace Fans, Victor Electric Products, Inc., 772 Easting Rd., Cincinnati, Ohio.
- BORERKILL Nicotine Paste Insecticides, Lethelin Products Co., Inc., Wood Ridge, N. J.
- BORE-X-GUN Rorer Control Gun, Smith (D. B.) & Co., Utica, N. Y.
- BOR-IN Lock Sets, Lockwood Hdw. Mfg. Co., Fitchburg, Mass.
- BOSLEY'S Weatherstrip, Wirts-Bosley Corp., 3242 N. California Ave., Chicago, Ill.
- BOSS Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- BOSS Coal, Wood & Kerosene Stoves and Ranges, Portable Ovens, Kerosene Water Heaters, Coal or Wood Circulating Heaters, etc., Huenefeld Co., 2701 Spring Grove Ave., Cincinnati, Ohio.
- ROSS Clothes Washing Machines, Ross Washing Machine Co., Cincinnati, O.
- BOSS Gloves, Mittens and Corn Huskers, Boss Mfg. Co., Kewanee, Ill.
- BOSS Glue, Cudahy Packing Co., Anchor Glue Div., Dept. 1, Chicago, Ill.
- BOSS Hose Nozzles, Sherman (H. B.) Mfg. Co., Battle Creek, Mich.
- BOSS Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- BOSTON Electric Wire Cutters, Porter (H. K.) Inc., Everett, Mass.
- BOSTON Heel Plates, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- BOSTONIAN Floor and Wall Dusters, Tate (E. H.) Co., 251 Causeway, Boston, Mass.
- ROUNDOIR Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.
- BOULEVARD Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- BOURNE-FULLER Tool Steel, Republic Steel Corp., Upson Nut Division, Cleveland, Ohio.
- BOX TERRIER Crate Opener, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- BRADEN Brick Trowels (British) Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.
- BRADMASTER Magnetic Brad Driver, Maxwell Mfg. Co., Inc., 200 Hudson, New York, N. Y.
- BRANCH PIPE Hand & Wind Mill Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.



BRASS King Nossles, Sherman (H. B.) Mfg. Co., Battie Creek, Mich.  
 BRASS LEADER Wash Boards, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.  
 BRASS Tiger Padlocks, Master Lock Co., 926 W. Juneau Ave., Milwaukee, Wis.  
 BREAKLESS DEVON MINNOW, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 BREEZESPREADER Electric Fans, Victor Electric Products, Inc., 772 Reading Rd., Cincinnati, Ohio.  
 BRESSANT HAIR CLIPPERS, Brown & Sharp Mfg. Co., Providence, R. I.  
 BREXEV Enamel Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.  
 BRIDGEPORT Mechanics' Hand Tools, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 BRIDGEPORT Sash Chains, Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 BRIEREDGE Scythes, Kelley Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 BRIGGS Wrenches, Billings & Spencer Co., Hartford, Conn.  
 BRIGHTEN-UP Varnish Stains, Sherwin-Williams Co., Cleveland, Ohio.  
 BRIGHTON Ash and Garbage Cans, Witt Cornice Co., 2114 Winchell Ave., Cincinnati, O.  
 BRITENOL Mill White Paints, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 BROAD SHADOW Shingles, Barrett Co., 40 Rector, New York, N. Y.  
 BROILOASTER Charcoal Broilers, Majestic Co., Huntington, Ind.  
 BROILOASTER Charcoal Broilers, Royal Mfg. Co., Bowling Green, Ohio.  
 BRONCO Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 BRONX Garden Hand Sprayers, Smith (D. B.) & Co., Utica, N. Y.  
 BRONZ-Lite Flashlights, Bond Electric Corp., New Haven, Conn.  
 BROOKS Corn Hooks, North Wayne Tool Co., Oakland, Me.  
 BROOKSIDE Whisk Brooms, Amsterdam Broom Co., Amsterdam, N. Y.  
 BROOM RAKE Lawn Rakes, Stampit Corp., Brookfield, Ill.  
 BROTHERHOOD Gloves, Wells-Lamont Smith Corp., 1791 Howard, Chicago, Ill.  
 BROWN BEAR Weatherstrip, Gardner Wire Co., 5045 W. Lake, Chicago, Ill.  
 BROWN BETTY Casseroles, Pie Plates, etc., Everedy Co., Frederick, Md.  
 BROWN Dog Lead Chains, Halter Chains, Coll Chains, Harness Snaps, Cattle and Horse Ties, Weldless Chains, Tie Chains, Key Rings, Chain Swivels, Transom Chains, Well Chains, etc., Bridgeport Chain & Mfg. Co., Bridgeport, Conn.  
 BROWN PATTERN Weldless Chain, Ney Mfg. Co., Canton, O.  
 BROWNIE Ice & Roller Skates, Kees (F. D.) Mfg. Co., Beatrice, Nebr.  
 BROWNIE Padlocks, Master Lock Co., 926 Juneau Ave., Milwaukee, Wis.  
 BROWNIE 19 DELUXE Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 BROWNIE 19 REGULAR Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 BROWNIE 21 DELUXE Aerial Kits, Porcelain Products, Inc., Findlay, O.  
 BROWNIE 21 DELUXE Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 BROWNIE 21 REGULAR Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 BROWNING Plasterers' Trowels, Atkins (E. C.) & Co., Indianapolis, Ind.  
 BROWNING Plasterers' Trowels, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 BROWNING Plasterers' Trowels, Marshalltown Trowel Co., Marshalltown, Ia.  
 BRUME-RAE Lawn Rakes, Union Fork & Hoe Co., Columbus, Ohio.  
 BRUSH-NU Paint Brush Cleaner, Brush-Nu Co., 618 Hanover, Baltimore, Md.  
 BUCKEYE All Chain Furniture Braces, Buckeye Glide Co., 181 E. 23rd, New York, N. Y.  
 BUCKEYE Aluminum Ware, Buckeye Aluminum Co., Wooster, O.  
 BUCKEYE ANTUBE Ant Exterminators, Buckeye Chemical & Specialty Co., 181 E. 23rd, New York, N. Y.  
 BUCKEYE Cobblers Lasts & Stands, Fate-Root-Heath Co., 1833 High, Plymouth, Ohio.  
 BUCKEYE Coll Chain, Dog Lead Chains, Hammock & Porch Chains, Tie Out Chains, Weldless Chains, Dog Couplers, Cattle and Horse Ties, Cleveland Chain & Mfg. Co., Cleveland, Ohio.  
 BUCKEYE Dash Lanterns, Diets (R. E.) Co., 60 Lighth, New York, N. Y.  
 BUCKEYE Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.  
 BUCKEYE Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BUCKEYE Ironing Boards and Tables, Wash Boards, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.  
 BUCKEYE Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 BUCKEYE Pruners, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 BUCKEYE Screw Drivers, Irwin Auger Bit Co., Wilmington, O.  
 BUCKEYE SPRING-KUSHION Noiseless Furniture Slides, Buckeye Glide Co., 181 E. 23rd, New York, N. Y.  
 BUCKEYE Stove Pipe, Wood Heaters, Reeves Steel & Mfg. Co., Dover, Ohio.  
 BUCKHORN Rifles, Stevens (J.) Arms Co., Div. Savage Arms Corp., Chicopee Falls, Mass.  
 BUCKING Cross Cut Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 BUCK JONES Air Rifles, Air Shot Guns, Daisy Mfg. Co., Plymouth, Mich.  
 BUCK ROGERS Water Pistol, Daisy Mfg. Co., Plymouth, Mich.  
 BUCKSPIN Baits, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 BUCKTAIL Artificial Fish Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BUDDIE HOOK Fishing Tackle Assortments, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BUFFALO Artificial Fish Baits, Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BUG-A-BOO Fly, Mosquito and Moth Repellents, Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y.  
 BUGGED Insect Exterminators, Midway Chemical Co., Div. American Home Products Corp., 275 Cornelison Av., Jersey City, N. J.  
 BULL DOG Bolt & Rivet Clippers, Porter (H. K.) Inc., Everett, Mass.  
 BULL DOG CORD Garden Hose, Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 BULL DOG Cup Hooks, Drapery Pins, Emergency Keys, Picture Wire, Picture Hangers, Skewers, Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 BULL DOG Cutting Nippers, Utica Drop Forge & Tool Co., Utica, N. Y.  
 BULL DOG Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BULL DOG Friction Tape, Garden Hose, Rubber Belting, Rubber Mats, etc., Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 BULL DOG Gold Edge Transmission Belting, Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 BULL DOG Hose Couplings, Clamps, Menders, etc., Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.

BULL DOG Logging Tools, Warren Axe & Tool Co., Warren, Pa.  
 BULL DOG Machinists & Woodworkers Vises, Prentiss Vise Co., Little Falls, N. Y.  
 BULL DOG Paper Clips and Fasteners, H. C. Cook Co., Ansonia, Conn.  
 BULL DOG Snips, Wiss (J.) & Sons Co., 33 Littleton Ave., Dept. A, Newark, N. J.  
 BULL DOG Spades & Scoops, American Fork & Hoe Co., Cleveland, Ohio.  
 BULL DOG Spring Clip Clothes Pins, U. S. Clothes Pin Co., Montpelier, Vt.  
 BULL DOG Window Cleaning Compounds, Paints, Paint & Varnish Removers, Gillespie Varnish Co., 131 Dey, Jersey City, N. J.  
 BULLDOG Chains, Hodell Chain Co., 9334 Cooper Ave., Cleveland, Ohio.  
 BULLDOZER Power Pumps, Power Spray Pumps, Power Deep Well Pumping Heads, Pressure Tank Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 BULLET-BEAM Flashlights, Ray-O-Vac Co., Madison, Wis.  
 BULL-FROG CHROME Leather Soles & Heels, Sole Strips, Wilder & Company, 1038 N. Crosby, Chicago, Ill.  
 BULL PUP Valve Lifter, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 BULLSEYE Gun Powder, Hercules Powder Co., Inc., Wilmington, Del.  
 BULLS EYE Hickory Handle, Bruner-Ivory Handle Co., Hope, Ark.  
 BULLS HEAD Abrasive Paper, Armour Sandpaper Works, 1355 W. 31st, Chicago, Ill.  
 BURDEN Horse & Mule Shoes, Burden Iron Co., Troy, N. Y.  
 BURFO Asbestos & Slate Tools, Ajax Building Bracket Co., 1551 Rydal Mount Rd., Cleveland, Ohio.  
 BURLIE Artificial Fish Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 BURNER BASKET Rubbish Burner, Cyclone Fence Co., Waukegan, Ill.  
 BURNER MILL, Waste Paper, De Baskets, Cyclone Fence Co., Waukegan, Ill.  
 BURNET Wood Heaters, Huenefeld Co., 2701 Spring Grove Ave., Cincinnati, O.  
 BURNT IVORY Hickory Handles, Bruner-Ivory Handle Co., Hope, Ark.  
 BURRO Paper Clips & Fasteners, H. C. Cook Co., Ansonia, Conn.  
 BUSHMAN Saws, Bushman Saw Div. General Steel Warehouse Co., Inc., 1830 N. Kostner Av., Chicago, Ill.  
 BUSHNELL Garden Cultivators, Hoes, Weeders & Mulchers, Norcross (C. S.) & Sons, Bushnell, Ill.  
 BUSTER Leaders, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 BUSY Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 BUTTERFLY Fly Swatters, Auburn Rubber Corp., Auburn, Ind.  
 BUZZ BARTON Air Rifles, Air Shot Guns, Water Pistol, Daisy Mfg. Co., Plymouth, Mich.  
 BUZZ Cross Cut Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

## C

C-A Carbolineum, Creosote, Insecticides, Wood Preservers and Anthracene Oil, C-A Wood Preserver Co., 6623 Delmar Blvd., St. Louis, Mo.  
 C.C.C. Hand Power Field Sprayers, Hand Garden Sprayers, Hand Knapsack Sprayers, Smith (D. B.) & Co., Utica, N. Y.  
 C-D Airplane Construction Kits and Supplies, Airplane and Boat Model Wood Sheets, etc., Cleveland Model & Supply Co., Inc., 4508-D87 Lorain Ave., Cleveland, Ohio.  
 CADET Fishing Spinners, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 CADET Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 CADET Velocipedes, Colson Corp., Elyria, Ohio.  
 CADO Combination Locks, Key Racks, Cushman & Denison Mfg. Co., 135 W. 23rd, New York, N. Y.  
 CAFEX Coffee Makers, Hartford Products Corp., Hartford, Conn.  
 CAHOON Hand Grass Seed Sowers, Goodell Co., Antrim, N. H.  
 CALBAR Aquarium Cement, Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 CALCUTT'S Juvenile Vehicle Tires, Gardner Wire Co., 5045 W. Lake, Chicago, Ill.  
 CALDWELL Door Holders, Sash Balances, Window Screen Springs, Caldwell Mfg. Co., 40 Industrial, Rochester, N. Y.  
 CALDWELL Hose Clamps, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 CALIFORNIA Center-Trip Hay Slings, Ney Mfg. Co., Canton, O.  
 CALIFORNIA Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 CALIFORNIA Gopher Trap, Animal Trap Co. of America, Lititz, Pa.  
 CALIFORNIA Lawn Sprinkler, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 CALIFORNIA Pruning Shears, Seymour Smith & Son, Inc., Oakville, Conn.  
 CAMERA House Mail Boxes, Patent Novelty Co., Fulton, Ill.  
 CAMPBELL HAMMERLOCK Cotter Pins, American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 CAMPER Gasoline Camp Stoves, Turner Brass Works, Sycamore, Ill.  
 CAMPINGO Gasolene & Kerosene Camp Stoves, Miller (Robert E.), Inc., 35 Pearl, New York, N. Y.  
 CAMPO Safety Axes (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.  
 CANADIAN Scythe Stones (Canada) Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.  
 CANADIAN Special Lowe Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 CANNON BALL Barn & Garage Door Hangers, Garage Hardware Sets, Sliding & Folding Door Hardware, Sliding Door Track, Starline, Inc., Harvard, Ill.  
 CANOPY Overhead Type Garage Door Hardware, Wagner Mfg. Co., Cedar Falls, Ia.  
 CAN-O-WOOD Wood Pastes, So-Lo Works, Cincinnati, Ohio.  
 CANT MISS Rat & Mouse Traps, McGill Metal Products Co., Marengo, Ill.  
 CANT-ROL Nail Sets, Center Punches, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 CANTOL Belt Wax, Atkins (E. C.) & Co., Indianapolis, Ind.  
 CANTON Hay Knives, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 CANTON Rubber & Friction Tape, Plymouth Rubber Co., Inc., Canton, Mass.  
 CAP MASTER Fruit Jar Wrenches, Bottle Openers, Everedy Co., 6 East, Frederick, Md.  
 CAPE COD Lock Sets, Lockwood Hdw. Mfg. Co., Fitchburg, Mass.  
 CAPEWELL Horse Shoe & Foundry Nails, Hammers, Planes, Cutting Nippers, Saws, Capewell Mfg. Co., Hartford, Conn.  
 CAPITAL Ash & Garbage Cans, Reeves Steel & Mfg. Co., Dover, Ohio.  
 CAPITAL Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 CAPITOL Lawn Edger & Trimmer, Granite State Mowing Machine Co., Hinsdale, N. H.  
 CAPTAIN Electric Dry Shaver, Schick Dry Shaver, Inc., Stamford, Conn.  
 CAPTAIN Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

- CAPTAIN SHANKLAND Fish Bait Oils, Day Bait Co., 1824 Howard, Port Huron, Mich.
- CAPTAIN WASHINGTON Circulating Coal or Wood Heaters, Gray & Dudley Co., Nashville, Tenn.
- CARBOLINEUM AMERICA Crescote, Insecticides, Wood Preserver, Carbolineum, Anthracene Oil, C-A Wood Preserver Co., 6623 Delmar Blvd., St. Louis, Mo.
- CARBONITE Floor Sanding Papers, Minnesota Mining & Mfg. Co., St. Paul, Minn.
- CARBONIZING COATING Iron and Steel Paints, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.
- CARBORUNDUM Razor Hones, Scythes, Grinding Wheels, Abrasives, Abrasive Cloth & Papers, Rubbing Bricks, Pocket Hones, Fish Hook Stones, Axe Stones, Hand Lawn Mower Sharpeners, etc., Carborundum Co., Niagara Falls, N. Y.
- CARBOSOTO Wood Preservers, Barrett Co., 40 Rector, New York, N. Y.
- CARDINAL Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- CAREYCLAD Roof Coating, Carey (Philip) Co., (Lockland) Cincinnati, O.
- CAREYSTONE Asbestos Roofing, Carey (Philip) Co., Lockland, O.
- CARLISLE Fish Hooks, Minnows, Enterprise Mfg. Co., Dept. HA, Akron, O.
- CARLTON Chromium & Nickel Stainless Steel Ware, Carrollton Metal Products Co., Carrollton, Ohio.
- CARTER BLADE MASTER, Pocket Knives, Carter Products Corp., 702 Front Ave., Cleveland, O.
- CARTER Lever Spray Hose Nozzle and Squeegees, Metal Polish, Weed Killer, Sash Locks, Carter Products Corp., 702 Front Ave., Cleveland, Ohio.
- CARTER Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- CARTER WEEDLE, Garden & Lawn Weeder, Carter Products Corp., 702 Front Ave., Cleveland, O.
- CARTER White Lead, Lead Oxides, Red Lead, National Lead Co., 111 Broadway, New York, N. Y.
- CARTWRIGHT Pruners, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- CASCADE Bathroom Accessories, Miami Cabinet Div., Philip Carey Co., Midletown, O.
- CASCADE Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CASCO Waterproof, Cold Water, Powdered Glue, Wall Size, Casein Glue, Liquid Cement, Casein Co. of America, Div. Borden Co., 350 Madison Ave., New York, N. Y.
- CASCO 75 Electric Dry Shaver, Casco Products Corp., Bridgeport, Conn.
- CASEIN Waterproof Glue, The Casein Manufacturing Co. of America, Inc., 350 Madison Ave., New York, N. Y.
- CAST STEEL Scythes, Rexford Mfg. Co., East Highgate, Vt.
- CATALINA Artificial Fish Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CATCH-ALL Mill, Waste Paper, Wire Baskets, Rubbish Burners, etc., Cyclone Fence Co., Waukegan, Ill.
- CATCH-THE-NIBBLER Fishing Floats, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CATCHIE HOOK Fishing Tackle Assortments, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CAULK-O-SEAL Caulking Compound, Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.
- CAVALIER Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CAVALIER Safety Razors, Gillette Safety Razor Co., 15 W. 1st, Boston, Mass.
- CAWPACO Paints, Woolsey (C. A.) Paint & Color, 500 Grand, Jersey City, N. J.
- CAYUGA Spoon, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CBG Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- CEDAR SAVAGE, Cross Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- CELOPHANE Paper Pencils, Blaisdell Pencil Co., 141 Berkeley, Phila., Pa.
- CELLULOID Handles & Hammer Faces, Celluloid Corp., 180 Madison Av., New York, N. Y.
- CEL-O-GLASS Flexible Glass Substitute, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- CELOLITE Ready Mixed Paints, Sapolin Co., Inc., 229 E. 42nd, New York, N. Y.
- CEMENT PLANT Shot Gun Shells, Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn.
- CEMENTHIDE Cement Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- CENTURY Aluminum Ware, Enterprise Aluminum Co., Masillon, Ohio.
- CENTURY Automobile Tires & Tubes, Bicycle Tires, Mansfield Tire & Rubber Co., Mansfield, O.
- CENTURY Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.
- CENTURY Electric Washing Machines, Dexter Co., Fairfield, Iowa.
- CENTURY Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- CENTURY Paint Sprayers, Pressure Tank Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- CENTURY Washington Circulating Oil Heater, Gray & Dudley Co., Nashville, Tenn.
- CERESAN Fur Cotton & Sorghums, Bayer-Semesan Co., Inc., Wilmington, Del.
- CESCO Electric Fence Controllers, Gardner Mfg. Co., Horicon, Wis.
- CHAIN LINK Fence, Cyclone Fence Co., Waukegan, Ill.
- CHAIN-ON Tire Chain Clamps, Clancy (J. R.) Inc., 1010 W. Belden Ave., Syracuse, N. Y.
- CHALLENGE Cream Separators, Anker-Holth Mfg. Co., Inc., 2700 Conner, Port Huron, Mich.
- CHALLENGE Fishing Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CHALLENGE Fishing Rods, American Fork & Hoe Co., Geneva, Ohio.
- CHALLENGE Garden Hose Nozzles, Boston Woven Hose & Rubber Co., Cambridge, Mass.
- CHALLENGE Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.
- CHALLENGE Hand Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- CHALLENGE JR. Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.
- CHALLENGE Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.
- CHALLENGE Padlocks, Independent Lock Co., Fitchburg, Mass.
- CHALLENGER Bicycle Tires and Tubes, Mansfield Tire & Rubber Co., Mansfield, O.
- CHALLENGER BRAND Sisal Rope & Twine, Waterbury Rope Co., Inc., 401 Park Ave., Brooklyn, N. Y.
- CHALLENGER Hack Saw Blades, Great Neck Saw Mfrs., Inc., Great Neck, L. I.
- CHALLENGER Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.
- CHALLENGER Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.
- CHAMBERLIN Weatherstrip, Window Screens, Thresholds, Insulation, Chamberlain Metal Weatherstrip Co., Inc., 1254 La Brosse, Detroit, Mich.
- CHAMP Padlocks, Master Lock Co., 926 W. Juneau Ave., Milwaukee, Wis.
- CHAMPION Air Valves, Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.
- CHAMPION Axes, Hammers, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- CHAMPION Bicycle Tires, Mansfield Tire & Rubber Co., Mansfield, O.
- CHAMPION Builders Hardware, Champion Hardware Co., Geneva, Ohio.
- CHAMPION Cherry Stoners, New Standard Corp., Mt. Joy, Pa.
- CHAMPION Clothes Washing Machines, Boss Washing Machine Co., Cincinnati, Ohio.
- CHAMPION Cork Puller, Arcade Mfg. Co., Freeport, Ill.
- CHAMPION Cross Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- CHAMPION Door Coil Springs, Sargent & Co., New Haven, Conn.
- CHAMPION Extension Ladder, Babcock (W. W.) Co., Bath, N. Y.
- CHAMPION Garden Rakes, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- CHAMPION Hose Nozzles, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- CHAMPION Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.
- CHAMPION Post Hole Diggers, Drain Tile Cleaners, Iwan Bros., 1601 Prairie Ave., South Bend, Ind.
- CHAMPION Screw Drivers, Union Hardware Co., Torrington, Conn.
- CHAMPION Shooting Games, Daisy Mfg. Co., 414 Union, Plymouth, Mich.
- CHAMPION Shot Guns, Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.
- CHANCELLOR Silk Line, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CHARM Mats, Burton Mat Co., 175 Belmont Av., Brooklyn, N. Y.
- CHARTER OAK Axes, Collins Co., Collinsville, Conn.
- CHARTER OAK BRAND Blasting Fuses, Ensign-Bickford Co., Simsbury, Conn.
- CHARTER Fishing Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CHELSEA Utility Scraper, Chelsea Metal Stamping Co., 95 8th Ave., New York, N. Y.
- CHENEY Hammers, Prentiss Vice Co., Little Falls, N. Y.
- CHEROKEE Hand Lawn Mowers, Rugg (E. T.) Co., Newark, Ohio.
- CHEROKEE Treble Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CHESTERFIELD Safety Razors, Gillette Safety Razor Co., 15 W. 1st, Boston, Mass.
- CHESTERMAN Measuring Tapes & Steel Rollers, (British) Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.
- CHEX Wall Size, Reardon Co., St. Louis, Mo.
- CHICAGO Axes, Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill.
- CHICAGO Door Springs, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.
- CHICAGO Grinding Wheels and Rotary Files, Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill.
- CHICAGO Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- CHICAGO Pipe Benders, Lidseen (Gustave), Inc., 880 S. Central Ave., Chicago, Ill.
- CHICAGO RINK SKATES, Roller Skates, Chicago Roller Skate Co., 444 West Lake, Chicago, Ill.
- CHICAGO Roller Skates, Roller and Ice Skate Keys, Roller Skate Wheel, etc., Chicago Roller Skate Co., 4466 West Lake, Chicago, Ill.
- CHICAGO Spring Hinges, Door Springs, Lavatory and Screen Door Hardware, Screen Door Checks, Refrigerator Hardware, etc., Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.
- CHICAGO Wire Grips, Klein (Mathias) & Sons, 3200 Belmont Ave., Chicago, Ill.
- CHIC-MESH Poultry Fence, Keystone Steel & Wire Co., Peoria, Ill.
- CHICOT Oak Handles, American Handle Co., Jonesboro, Ark.
- CHIEF Auto Truck & Tractor Power Sprayer, Brown (W. R.) Corp., 5724 Armitage Ave., Chicago, Ill.
- CHIEF Bicycle Tires, Mansfield Tire & Rubber Co., Mansfield, O.
- CHIEF Cream Separators, Anker-Holth Mfg. Co., Inc., 2700 Conner, Port Huron, Mich.
- CHIEF Double Acting Floor Hinges, Shelby Spring Hinge Co., Shelby, O.
- CHIEF Electric Ranges, Standard Electric Mfg. Corp., Toledo, Ohio.
- CHIEF Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- CHIP SLINGER Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- CHIPLESS Ice Pick, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- CHIPPENDALE Safety Razors, Gillette Safety Razor Co., 15 W. 1st, Boston, Mass.
- CHIPPEWA Bucktail Hook, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CHIPPEWA CHIEF Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- CHOPPERS SUPPORT Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- CHORE BOY Metal Pot Cleaners, Metal Textile Corp., 4 Central Av., West Orange, N. J.
- CHORE GIRL Metal Pot Cleaners, Metal Textile Corp., 4 Central Av., West Orange, N. J.
- CHROME Frying Pans, Skillets, Griddles, Roasters, Cast Iron Hollow Ware Dutch Ovens, Griswold Mfg. Co., Erie, Pa.
- CHROMSAW Circular Saws, Ohlen, Bishop Co., Columbus, Ohio.
- CHUM Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CICERO Flush Tank Balls, Force Cups, Basin & Sink Stoppers, Williams-Bowman Rubber Co., 1939 S. 54th Av., Cicero, Ill.
- CINCH Expansion Shields, National Lead Co., 111 B'way, New York, N. Y.
- CINCH Practice Casting Weights, Enterprise Mfg. Co., Dept. HA, Akron, O.
- CINCINNATI Bass Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CINCINNATI Folding Step Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- CINCINNATI Plasterers' Trowels, Marshalltown Trowel Co., Marshalltown, Ia.
- CINCINNATI Plasterers' Trowels, Ohlen-Bishop Co., Columbus, O.
- CIRCLE ESS DETROIT Key Cutting Machine, Stewart (F. W.) Mfg. Corp., 344 W. Huron, Chicago, Ill.
- CIRCLE ESS Key Blanks & General Lock Servicing Supplies, Stewart (F. W.) Mfg. Corp., 344 W. Huron, Chicago, Ill.
- CIR-KO-LET Gas Heater, Ohio Fdry. & Mfg. Co., Steubenville, O.
- CITY Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.
- C-K-R Lawn Edger and Trimmer, Weeding Hoes, Garden Hoes, Garden Rakes, Furnace Scoops, Grass Shears, Snow Shovels, Hedge Shears, Port Driver, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- CLAMP-A-LEAK Pipe Clamps, Chelsea Metal Stamping Co., 95 8th Ave., New York, N. Y.
- CLARK Bolts, Nuts, Rivets and Screws, Clark Bros. Bolt Co., Bemis, Mo., dale, Conn.
- CLARKE'S Grass Hooks (British) Graham (John H.) & Co., 105 Duane, New York, N. Y.

- ARK'S COMPETITION Stepladders, Clark (J. R.) Co., Minneapolis, Minn.  
 ARK'S Expansive Bits, Connecticut Valley Mfg. Co., Centerbrook, Conn.  
 ARK'S Expansive Bits, Peck Stow & Wilcox Co., Southington, Conn.  
 ASSIC Gas Motor Washing Machines, Dexter Co., Fairfield, Iowa.  
 AW HAND Synthetic Rubber Gloves, Wells-Lamont Smith Corp., 1791 Howard, Chicago, Ill.  
 BAN-AIR Window Ventilators, Victor Electric Products, Inc., 772 Reading Rd. Cincinnati, Ohio.  
 BAN CLIPPER Grass Shears, Seymour Smith & Son, Inc., Oakville, Conn.  
 BAN-EZE Casement Window Hinges, Higgins & Page, Inc., Brighton Station, Rochester, N. Y.  
 BAR GRIT Scythe Stones, Berea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.  
 B-FORGE High Speed Drills, Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, Ohio.  
 BMSON C-17 Hand Lawn Mower and Grass Catchers, Clemson Bros., Inc., Middletown, N. Y.  
 BRMONT Marine Oakum, Hooven & Allison Co., Xenia, Ohio.  
 BSSCO Furnace Pokers, Cleveland Steel Spec. Corp., 3767 E. 91st, Cleveland, Ohio.  
 BVELAND Bicycles, Westfield Mfg. Co., Westfield, Mass.  
 BVELAND Jolt Hangers, Cleveland Steel Spec. Corp., 3767 E. 91st, Cleveland, Ohio.  
 BVELAND Rubber Pump Buckets, Well Chains, Hodell Chain Co., 3934 Cooper Ave., Cleveland, Ohio.  
 BVELAND Twist Drills & Reamers, Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, Ohio.  
 MAX Bottle Cappers, Everedy Co., 6 East, Frederick, Md.  
 MAX Food Choppers, Landers, Frary & Clark, New Britain, Conn.  
 MAX Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.  
 MAX House Lamp, Brackets, National Enameling & Stamping Co., Milwaukee, Wis.  
 MAX Platform Lanterns, Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 MAX Scales, Landers, Frary & Clark, New Britain, Conn.  
 MAX Scythe Stones, Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.  
 MAX Stringers, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 MAX Wall Paper Cleaners, Climax Cleaner Mfg. Co., 2080 W. 110th, Cleveland, Ohio.  
 NCH Expansion Bolts, National Lead Co., 111 Broadway, New York, N. Y.  
 NCHED-ON-HEAD Mopsticks, Kautenberg (W. E.) Co., Freeport, Ill.  
 NCH HED Bale Ties, Northwestern Steel & Wire Co., Sterling, Ill.  
 NCHER Riveting Machines, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.  
 NCHER Sinkers, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 NTON Auger Bits, Auger Bit Sets, Irwin Auger Bit Co., Wilmington, Ohio.  
 NTON Hardware Cloth, Poultry Netting, American Wire Fabrics Co., 500 Fifth Ave., New York, N. Y.  
 NTON Hardware Cloth, Poultry Netting, Wickwire Spencer Steel Co., 500 Fifth Ave., New York, N. Y.  
 P LITE Flashlight, Ray-O-Vac Co., Madison, Wis.  
 P-ON Racks, Autoyre Co., Oakville, Conn.  
 PPER Corn Knives, Scythes, Winsted Mfg. Co., Inc., Winsted, Conn.  
 PPER Electric Bicycle Lamp, Delta Electric Co., 33rd & Nebraska, Marion, Ind.  
 PPER Electric Clothes Washing Machines, Voss Bros. Mfg. Co., Davenport, Ia.  
 PPER Lasts & Stands, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.  
 PPER 18" Power Lawn Mowers, Cooper Mfg. Co., Marshalltown, Ia.  
 PPER Pruning Shears, Seymour Smith & Son, Inc., Oakville, Conn.  
 PPER Roller Skates, Kingston Products Corp., Kokomo, Ind.  
 PPER Scythes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 P-RITE Finger Nail Clippers, Cook (H. C.) Co., Ansonia, Conn.  
 P-ROPE Door Holders, Hutchinson & Co., 1019 N. Montclair, Dallas, Tex.  
 PSE-A-DOOR Door Springs, Gardner Wire Co., 5045 W. Lake, Chicago, Ill.  
 PSED BACK Shovels, Wood Shovel & Tool Co., Piqua, Ohio.  
 VER BRAND Blasting Fuses, Ensign Bickford Co., Simsbury, Conn.  
 VER Grinding and Lapping Compounds, Abrasive Papers & Cloths, Clover Mfg. Co., Norwalk, Conn.  
 VERLEAF Scythes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 VER LEAF Chamolys, American Sponge & Chamolys Co., Inc., 47 Ann, New York, N. Y.  
 VER LEAF Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.  
 VER LEAF Hay Carrier, Hay Unloading Tools, Trolleys & Tracks, Myers (F. E.) & Bro. Co., Ashland, O.  
 VER Spring Clip Clothes Pins, U. S. Clothes Pin Co., Montpelier, Vt.  
 Z-TITE Garage Door Hangers, Hinges & Hardware, Wagner Mfg. Co., Cedar Falls, Iowa.  
 L BLUFF Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 ST LIMERICK Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 TASTONE Paints & Varnishes, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.  
 ALT Tool Holder Bits, Simonds Saw & Steel Co., Fitchburg, Mass.  
 URN Garage Door Hardware, Overhead Conveying Equipment, Fire Door Hardware, Rolling Store Ladders, Folding Partition Hardware, etc., Cohurn Trolley Track Co., Holyoke, Mass.  
 S Wrenches, Billings & Spencer Co., Hartford, Conn.  
 GEAR Barrel Pumps, Cistern & Sink Pumps, Force Pumps, Force Horse Pumps, Hand Power Field Pumps, Hand & Wind Mill Pumps, Pitcher Pumps, Ratchet & Spray Pumps, Tank Pumps, Pump Stands, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 D-BAR Caulking Compound, Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 DWELL'S Steel Horse Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 EMAN Gasoline Lamps, Stoves, Ranges, Sad Irons, Lanterns, Heaters, Ranges, Electric Sad Irons, Oil Heaters, Kerosene Lanterns, etc., Coleman Lamp & Stove Co., Wichita, Kan.  
 LEGIATE Roller Skates, Chicago Roller Skate Co., 4456 West Lake, Chicago, Ill.  
 LINS LEGITIMUS Adzes, Brush Hooks, Cane Knives, Fireman's Axes, Floor Chisels, Boy Scout Axes, Grub Hoes and Mattocks, Axes, Hatchets, Machetes, Picks, Collins Co., Collinsville, Conn.  
 LINS Nail Hammers, Collins Co., Collinsville, Conn.  
 LOIDAL INSECTICIDES, Hy-Grade Colloidal Insecticides Co., Inc., 86-76 109th, Richmond Hill, N. Y.  
 ONEL Electric Dry Shaver, Schick Dry Shaver, Inc., Stamford, Conn.  
 ONIAL Bathroom Fixtures, Brey-Krause Mfg. Co., Allentown, Pa.  
 ONIAL Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 ONIAL Screen Wire Cloth, Hanover Wire Cloth Co., Hanover, Pa.  
 ONIAL Shears, Acme Shear Co., 150 Joseph, Bridgeport, Conn.  
 O-RA Kalsomine, Reardon Co., St. Louis, Mo.  
 COLORADO Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 COLORADO Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 COLORTX Mats, Burton Mat Co., 175 Belmont Av., Brooklyn, N. Y.  
 COLOR-TONED Kitchen Cabinet Hdwe., National Brass Co., Grand Rapids, Mich.  
 COLORTOP Electric Fuses, Trico Fuse Mfg. Co., Milwaukee, Wis.  
 COLOR-TRIM Cabinet Hardware, American Cabinet Hardware Corp., Rockford, Ill.  
 COLSON Bicycles, Velocipedes, Tricycles, Scooters, Juvenile Bicycles and Hand Power Children's Cars, Truck & Furniture Casters, Hand Trucks, Colson Corp., Elyria, Ohio.  
 COLT Gasoline Engines, Associated Manufacturers, Inc., Waterloo, Ia.  
 COLT Shovels, Spades and Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 COLUMBIA Bicycles, Junior Bicycles, Velocipedes, Tricycles, Westfield Mfg. Co., Westfield, Mass.  
 COLUMBIA Clothes Lines, Samson Cordage Wks., 89 Broad, Boston, Mass.  
 COLUMBIA Folding Rules, Steel Tapes, Eagle Rule Mfg. Corp., 514 Hunts Point Av., New York, N. Y.  
 COLUMBIA Fruit Pickers Ladders, Babcock (W. W.) Co., Bath, N. Y.  
 COLUMBIA GRAY LABEL Telephone Batteries, National Carbon Co., 80 E. 42nd, New York, N. Y.  
 COLUMBIA HOT SHOT Dry Batteries, National Carbon Co., 80 E. 42nd, New York, N. Y.  
 COLUMBIA Scythes, Winsted Mfg. Co., Inc., Winsted, Conn.  
 COLUMBIA Steel Medicine Cabinets, Radiator Enclosures, Apartment Mail Boxes, Columbia Metal Box Co., 260 E. 143rd, New York, N. Y.  
 COLUMBIA Vacuum Bottles & Lunch Kits, Landers, Frary & Clark, New Britain, Conn.  
 COLUMBIAN Axes, Hatches, Kelly Axe & Tool Works of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 COLUMBIAN B. B. India Twine, Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 COLUMBIAN Cordage and Twine, Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 COLUMBIAN Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 COLUMBIAN MANILA Lariat Rope, Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 COLUMBIAN Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.  
 COLUMBIAN RADIUM BOLT Java Sisal Twine, Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 COLUMBIAN RADIUM JAVA Lariat, Rope, Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 COLUMBIAN TAPE MARKED Manila Rope, Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 COLUMBIAN Vises, Columbian Vise & Mfg. Co., 9015 Bessemer Ave., Cleveland, Ohio.  
 COLUMBIAN YACHT Rope, Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 COLUMBUS Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.  
 COLUMBUS Farm Wagons, International Harvester Co. of America, Inc., 606 S. Michigan Ave., Chicago, Ill.  
 COMBINATION Brooms, Amsterdam Broom Co., Amsterdam, N. Y.  
 COMBINATION Circular Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 COMBINATION Cobbler Outfits, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.  
 COME-ALONG Wire Grips, Starline, Inc., Harvard, Ill.  
 COMET Aluminum Ware, Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 COMET Roller Skates, Kingston Products Corp., Kokomo, Ind.  
 COMFO Rubber Rings, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 COMFORT Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 COMMANDER Bicycles, Colson Corp., Elyria, Ohio.  
 COMMANDER Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.  
 COMMERCIAL Ball Bearings, Schatz Mfg. Co., Poughkeepsie, N. Y.  
 COMMON Barn Door Hangers, Sharon Hardware Mfg. Co., Sharon, Pa.  
 COMMON Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 COMMON SEER Expansion Reamers, Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, O.  
 COMMONWEALTH Nail Hammers, Collins Co., Collinsville, Conn.  
 COMPACT Measuring Tapes, Ritter-Carlton Co., Inc., 527 Fifth Ave., New York, N. Y.  
 COMPACT Spreaders, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 COMPAZ Built-In-Two Bicycles, Westfield Mfg. Co., Westfield, Mass.  
 CONCORD Lender Box, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 CONCREWALTUM Concrete Paint and Waterproofing, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 CONDOR Model Airplane Kit, Cleveland Model & Supply Co., Inc., 4508-D87 Lorain Av., Cleveland, O.  
 CONLON Clothes Washing Machines, Conlon Corp., 19th & 52nd, Chicago, Ill.  
 CONNEAUT Special Spades and Scoops, American Fork & Hoe Co., Cleveland, O.  
 CONQUEROR Drag Scrapers, American Steel Scraper Co., Sidney, O.  
 CONRAD Frogs, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 CONSERVO Pressure Steam Cookers, Cold Pack Canners, Swartsbaugh Mfg. Co., Toledo, Ohio.  
 CONTINENTAL Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.  
 CONTINENTAL Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.  
 CONTRACTOR Extension Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.  
 CONVALCO Auger and Expansive Bits, Connecticut Valley Mfg. Co., Centerbrook, Conn.  
 CONVOY Acetylene Automobile Tail Lights, Kerosene Oil Lamps, Diets (R. E.) Co., 60 Laight, New York, N. Y.  
 COOK-O-METER Household Scales, Hanson Scale Co., 523 North Ada, Chicago, Ill.  
 COOKS BEST Aluminum Ware, West Bend Aluminum Co., West Bend, Wis.  
 COOLIE Jute Packing, Wall Rope Works, Inc., 48 South, New York, N. Y.  
 COOL SPOT Electric Fans, Signal Electric Mfg. Co., Menominee, Mich.  
 COOPER Clipper Power Lawn Mowers, Cooper Mfg. Co., Marshalltown, Iowa.  
 COOPER Imperial Power Lawn Mowers, Cooper Mfg. Co., Marshalltown, Iowa.  
 COOPER Royal Power Lawn Mowers, Cooper Mfg. Co., Marshalltown, Iowa.  
 COOPER Special Power Lawn Mowers, Cooper Mfg. Co., Marshalltown, Iowa.  
 COPELAND Electric Refrigerators, Washing Machines, Water Coolers, Air-Conditioning Units, etc., Copeland Refrigeration Corp., Sidney, Ohio.  
 COP-O-TOP Building and Sheathing Paper, Chase Brass & Copper Co., Inc., Waterbury, Conn.  
 COPPER BEST PAINTS, Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.  
 COPPER KING Axes, Scythes, Kelly Axe & Tool Works, of The American Fork & Hoe Co., 1623 Euclid Av., Cleveland, O.  
 COPPERLITE Electric Flashlights, Ray-O-Vac Co., Madison, Wis.  
 COPPERWELD Nails, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 COPPES-NAPANEE Washing Machines, Coppes, Inc., Nappanee, Ind.  
 CORBIN Bolts, Nuts, Screws, Washers, Chains, etc., Corbin Screw Corp., New Britain, Conn.



- CORDEAU-BICKFORD Detonating Fuses, Ensign Bickford Co., Simsbury, Conn.
- CORDLEY Bottle & Pressure Type Electric Water Coolers, Cordley & Hayes, 149A Hudson, New York, N. Y.
- CORE-LOK Rifle Cartridges, Remington Arms Co., Inc., Bridgeport, Conn.
- CORN CUTTER Corn Hooks, Winsted Mfg. Co., Inc., Winsted, Conn.
- CORONATION Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.
- CORNER CURVE Garage Hardware Sets, Wagner Mfg. Co., Cedar Falls, Ia.
- CORN-R-WISE Garage Hardware, Richards Wilcox Mfg. Co., Aurora, Ill.
- CORONA Corn Grinding Mills, Landers, Frary & Clark, New Britain, Conn.
- CORONA Wool Fat Compound, Corona Mfg. Co., S. Detroit, Kenton, Ohio.
- CORRECT Thermometers, Schreiber Thermometer Co., 21 W. 30th, New York, N. Y.
- CORSAIR Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CORTLAND GRAY-WICK Wire Screen Cloth, Wickwire Bros., Cortland, N. Y.
- CORTLAND ULTRA-PREMIER Wire Screen Cloth, Wickwire Bros., Cortland, N. Y.
- CORTLAND Wire Screen Cloth, Wickwire Bros., Cortland, N. Y.
- CORY Coffee Brewer and Coffee Filters, Glass Coffee Brewer Corp., 325 N. Wells, Chicago, Ill.
- COTOCOLOR Children's Painting Sets, Dixon (Jos.) Crucible Co., Wayne & Monmouth, Jersey City, N. J.
- COTTAGER Gasoline Stoves, Turner Brass Works, Sycamore, Ill.
- COUNTRY GENTLEMAN Shovels, Spades, Scoops, Garden Hoes, Cultivator Hoes, Garden Rakes, Beet Hoes, Cotton Hoes, etc., Hamlin Metal Products Co., 58 W. Exchange, Akron, Ohio.
- COZY BLO Electric Heaters, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- CRACKER JACK Axes, Kelly Axe & Tool Works of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, O.
- CRANDALL'S DEEP LAKE Fishing Lines, Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
- CREAMERY Leather Belting, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- CREME-O-WAX Furniture Polish, General Cement Mfg. Co., 1041 Kilburn Av., Rockford, Ill.
- CREONOID Insecticides, Barrett Co., 40 Rector, New York, N. Y.
- CRESCENT Bicycles, Westfield Mfg. Co., Westfield, Mass.
- CRESCENT BRAND Blasting Fuses, Ensign Bickford Co., Simsbury, Conn.
- CRESCENT-DAVIS Shot Guns, Stevens (J.) Arms Co., Div. Savage Arms Corp., Chicopee Falls, Mass.
- CRESCENT Flexible-Rigid Steel Rules, Lufkin Rule Co., Saginaw, Mich.
- CRESCENT GROUND Cross Cut Saws, Simmonds Saw & Steel Co., Fitchburg, Mass.
- CRESCENT Hammers, Hatchets, Evansville Tool Works Div. of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, O.
- CRESCENT Hoe, American Fork & Hoe Co., Keith Bldg., Cleveland, O.
- CRESCENT Mechanics Tools, Crescent Tool Co., Jamestown, N. Y.
- CRESCENT Screen Wire Cloth, Hanover Wire Cloth Co., Hanover, Pa.
- CRESCENT Scythe Stones, Behr-Manning Corp., Troy, N. Y.
- CRESCENT Seal Felt Base Rugs, Congoleum-Nairn, Inc., Kearny, N. J.
- CRESCENT Snow Shovels, Rugg Mfg. Co., Greenfield, Mass.
- CRESCENT Spades & Scoops, American Fork & Hoe Co., Cleveland, O.
- CRESTLAWN Hand & Horse Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- CRESTLAWN Thirty Power Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- CRESTO Washable Kalsomine, Reardon Co., St. Louis, Mo.
- CRESTOLY Mechanics Tools, Crescent Tool Co., Jamestown, N. Y.
- CRETIX Cement Paint, Reardon Co., St. Louis, Mo.
- CRIMPEDGE Eave Troughs, Milcor Steel Co., S. 41 Ave. & W. Burnham, Milwaukee, Wisc.
- CRIMPICKET Lawn Fence & Gates, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- CRITERION Saw Set, Atkins (E. C.) & Co., Indianapolis, Ind.
- CROCUS Clothes Lines, Samson Cordage Wks., 89 Broad, Boston, Mass.
- CROMOL Hack Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- CROMK Grass Hooks, Clothes Line Props, Hedge Shears, Pruning Shears, Lopping Shears, Juvenile Snow Shovels, Wire Cutter & Bending Pliers, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- CROSLEY Radio Receiving Sets, Electric Refrigerators, Gas & Electric Ranges, Crosley Corp., 1829 Arlington, Cincinnati, Ohio.
- CROSLEY COOLREST Air Conditioner for Beds, Crosley Corp., 1829 Arlington, Cincinnati, Ohio.
- CROSLEY KOLDRINK Bottle Coolers, Crosley Corp., 1829 Arlington, Cincinnati, Ohio.
- CROSS DRAFT Hay Unloading Tools, Hay Carriers, Myers (F. E.) & Bro., Co., Ashland, Ohio.
- CROSS HEAD Bale Ties, American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- CROSS Tacks & Nails, Cross (W. W.) & Co., Inc., East Jeffrey, N. H.
- CROWN Coffee & Spice Mills, Landers, Frary & Clark, New Britain, Conn.
- CROWN Christmas Tree Holders, North Bros. Mfg. Co., Lehigh Ave. & American, Phila., Pa.
- CROWN Glue, Cudahy Packing Co., Anchor Glue Div., Dept. 1, Chicago, Ill.
- CROWN JEWEL Scythes, Winsted Mfg. Co., Inc., Winsted, Conn.
- CROWN Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.
- CROWN Spray Guns, Crown Spray Gun Mfg. Co., 1218 Venice Blvd., Los Angeles, Cal.
- CROWN Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- CROWNS Nut & Screw Bolt Caps, Anchor Caps, Screw Cappers, Lock Nuts, Lock Washers, Screw Head Crowners, Rawlplug Co., Inc., 97 Lafayette, New York, N. Y.
- CRUSADER Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CRUSADER Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- CRYSTAL Bay Abrasive Cloth, Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.
- CRYSTAL Coffee Mill, Arcade Mfg. Co., Freeport, Ill.
- CRYSTAL Asphalt Roofing, Asphalt Paints, Barrett Co., 40 Rector, New York, N. Y.
- CRYSTALEX Polished Plate Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- CRYSTOLON Abrasive Grains, Scythe & Sharpening Stones, Behr-Manning Corp., Troy, N. Y.
- CRYSTOLON Abrasive Paper, Armour Sandpaper Works, 1355 W. 81st, Chicago, Ill.
- CUB Handle Drag, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CUB Outboard Motor, Evinrude Motors Co., Div. Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- CUB Power Spray Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- CUB SUPER 21 Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- CUMBERLAND Shovels, Spades & Scoops, Ames, Baldwin Wyoming Co., Parkersburg, W. Va.
- CUMBERLAND VALLEY Corn Hooks, North Wayne Tool Co., Oakland, Me.
- CUPSUPTIC Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CURLY-Q Vegetable Slicers, Vaughan Novelty Mfg. Co., 3211 Carroll Ave., Chicago, Ill.
- CUSHION Felt Weatherstrip, Whrfs-Bosley Corp., 3242 N. California Ave., Chicago, Ill.
- CUSHION TIRE Sliding & Rolling Store Ladders, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- CUSH-I-TRED Rubber Soles, Auburn Rubber Corp., Auburn, Ind.
- CUT DEVIL Track Chisels, Warren Tool Corp., Warren, O.
- CUT-FELT Weatherstrip, Whrfs-Bosley Corp., 3242 N. California Ave., Chicago, Ill.
- CUTRITE Floor Sanding Papers, Minnesota Mining & Mfg. Co., St. Paul, Minn.
- CUTTYHUNK Fishing Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CYANOGAS Pest Destroyers, American Cyanamid Chemical Corp., 30 Rockefeller Plaza, New York, N. Y.
- CYCLEMOWER Hand Lawn Mower, Blair Mfg. Co., Springfield, Mass.
- CYCLONE Auto & Carriage Washers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- CYCLONE Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.
- CYCLONE Ice Chipper, Alaska Freezer Co., Winchendon, Mass.
- CYCLONE Lawn Fence & Gates, Flower Bed Border, Trellis, Screen Wire Cloth, Rubbish Burners, Hardware Cloth, etc., Cyclone Fence Co., Waukegan, Ill.
- CYCLONE Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- CYCLONE Scythes, North Wayne Tool Co., Oakland, Me.
- CYCLONE Spinner, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- CYCLOPS Nail Pullers, Union Hardware Co., Torrington, Conn.
- D & M Athletic Goods, Draper-Maynard Co., 400 York, Cincinnati, Ohio.
- D.M.T. Nail Hammers, Mayhew Steel Products, Inc., Shelburne Falls, Mass.
- D 24 Auger Bits, Auger Bit Sets, Irwin Auger Bit Co., Wilmington, Ohio.
- DACOR Clothes Hook, Thomas Products Co., 15473 Indiana Ave., Detroit, Mich.
- DAIRY MAID Hand Milk Bottle Cappers, Conco Engineering Wks., Maumet, Ill.
- DAIRY Milk Cap Lifters, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.
- DAISY—See also DAZEY.
- DAISY Air Rifle Telescopes, Poppuns, Toy Pistols, Daisy Mfg. Co., 414 Union, Plymouth, Mich.
- DAISY Barn Door Latches, Wagner Mfg. Co., Cedar Falls, Ia.
- DAISY BELL Air Rifle Targets, Daisy Mfg. Co., 414 Union, Plymouth, Mich.
- DAISY BULLS EYE, Air Rifle Shot, Daisy Mfg. Co., 414 Union, Plymouth, Mich.
- DAISY Calf Weaners, Hog Waterers, Poultry Fountains, Stock Tank Heaters, Quinn Wire & Iron Wks., Boone, Ia.
- DAISY Furniture Casters, Rubber Soles & Heels, Faucet Washers, Ebbitt Tubing, Bath Sprays, Sink Stoppers, Bath Plugs, Force Cups, Pad Jars, Rings, Schacht Rubber Mfg. Co., Huntington, Ind.
- DAISY JR. Water Pistols, Daisy Mfg. Co., 414 Union, Plymouth, Mich.
- DAISY TARGETTER Air Pistol Shot, Daisy Mfg. Co., 414 Union, Plymouth, Mich.
- DANDEE Snaps, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- DANDY Chimney Caps, Quinn Wire & Iron Wks., Boone, Ia.
- DANDY-LION Digger, Garden & Lawn Weeder, Hecethorn Mfg. & Sewing Co., Littleton, Colo.
- DANDY Horse Brushes, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.
- DANDY Lawn Rakes, Corn Cutters, Cherry Stoner, Food Choppers, Fruit Juice Extractors, Ice Cream Freezers, New Standard Corp., Mt. La Pe, Pa.
- DANDY Oiler Assortment, Eagle Mfg. Co., Wellsburg, W. Va.
- DANIEL BOONE Hickory Handles, Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky.
- DARBY CREEK Scythe Stones, Berea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- DASCO Steel Cutlery and Tools, Damascus Steel Products Corp., Rockford, Ill.
- DAWG-GONE Dog Deterrents, Acme White Lead & Color Wks., 8250 St. Antoine Ave., Detroit, Mich.
- DAX Watches, Westclox Div. of General Time Instruments Corp., La Salle, Ill.
- DAZEY Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- DAZEY DELUXE Can Openers, Dasey Churn & Mfg. Co., 4301 Warne Ave., St. Louis, Mo.
- DAZEY Hand & Electric Churns, Fruit Jar Wrenches, Ice Cube Crushers, N. Crackers, etc., Dasey Churn & Mfg. Co., 4301 Warne Ave., St. Louis, Mo.
- DAZEY HEAVY DUTY Can Openers, Dasey Churn & Mfg. Co., 4301 Warne Ave., St. Louis, Mo.
- DAZEY JUNIOR Can Openers, Dasey Churn & Mfg. Co., 4301 Warne Ave., St. Louis, Mo.
- DAZEY OPN-SEAL Fruit Jar Openers, Dasey Churn & Mfg. Co., 4301 Warne Ave., St. Louis, Mo.
- DAZEY RED TIP Can Openers, Dasey Churn & Mfg. Co., 4301 Warne Ave., St. Louis, Mo.
- DAZEY SENIOR Can Openers, Dasey Churn & Mfg. Co., 4301 Warne Ave., St. Louis, Mo.
- DAZEY SPEEDO Fruit Juice Extractor, Dasey Churn & Mfg. Co., 4301 Warne Ave., St. Louis, Mo.
- DAZOLIN Metal, Auto & Furniture Polishes, Foy Paint Co., Inc., Cincinnati, Ohio.
- DEBUTANTE Safety Razors, Gillette Safety Razor Co., 15 W. 1, Boston, Mass.
- DECORE Thermometers, Schreiber Thermometer Co., 21 W. 30, New York, N. Y.
- DEC-O-TAPE Decorating Tape & Figurines, Van Cleef Bros., 7800 S. Western Ave., Chicago, Ill.
- DEFENDER Axes, Hammers, Hatchets, Evansville Tool Works, Div. of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, O.
- DEFENDER Bait Asst., Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- DEFENDER Barbed Wire, Keystone Steel & Wire Co., Peoria, Ill.
- DEFENDER Electric Clothes Washing Machines, Dexter Co., Fairfield, Conn.
- DEFENDER Hand Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- DEFIANCE Bucket Pumps, Power Deep Well Pumping Heads, Hand Pumps, Filled Sprayers, Pressure Tank Pumps, Spray Pumps, Force Pumps, Hand & Wind Mill Pumps, Power Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- DEFIANCE Cold and Hot Blast Lanterns, Tubular Lanterns, Dash Lantern, Wagon Lanterns, Hanging Lanterns, Lantern Globes, Embury Mfg. Co., Warsaw, N. Y.
- DEFIANCE Hand & Breast Drills, Hammers, Hatchets, Planes, Squares, Auger and Expansive Bits, Household Tools, Vises, etc., Stanley Tools Div. Stanley Works, New Britain, Conn.
- DEFLEKTAR Window Ventilators, Continental Screen Co., 1323 Book Bldg., Detroit, Mich.
- DELAY Electric Blasting Caps, Western Cartridge Co., Dept. I-50, East Alton, Ill.
- DELCO Water Systems, Motors, Fans, Vacuum Cleaners, Delco Appliances Div. General Motors Sales Corp., 425 Lyell Ave., Rochester, N. Y.
- DELCO-LIGHT Farm Lighting Plants, Delco Appliances Div. General Motors Sales Corp., 425 Lyell Ave., Rochester, N. Y.

LAVAL Cream Separators, Milkiers, Separator Oil, etc., De Laval Separator Co., 165 Broadway, New York, N. Y.

AVAN Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

ITE Electric Clothes Washing Machines, Delite Mfg. Co., Bryan, Ohio.

TA Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Primos, Del. County, Pa.

TA Homecraft Tools, Delta Mfg. Co., 629 E. Vienna Ave., Milwaukee, Wis.

LUXE Aluminum House Numbers, Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Ave., Niagara Falls, N. Y.

LUXE Cabinet Hardware, American Cabinet Hdw. Corp., Rockford, Ill.

LUXE Circular Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

LUXE Clocks, De Luxe Clock & Mfg. Co., 1107 B'way, New York, N. Y.

LUXE Clothes Washing Machines, Brammer Mfg. Co., Davenport, Iowa.

LUXE Drip Coffee Urns, West Bend Aluminum Co., West Bend, Wis.

LUXE Egg Beater, Indestro Mfg. Corp., 2875 N. Kildare Ave., Chicago, Ill.

LUXE Electric Heating Pads, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.

LUXE Electric Trouser Presser, Empire Electric Co., 802 Main, Cincinnati, Ohio.

LUXE Food Choppers, New Standard Corp., Mt. Joy, Pa.

LUXE HANDEE Portable Electric Grinders, Wood Carvers, etc., Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill.

LUXE Heavy Metalware, Schluter Mfg. Co., St. Louis, Mo.

LUXE JUICE KING Fruit & Juice Extractors, National Die Casting Co., 600 N. Albany Ave., Chicago, Ill.

LUXE Kerosene Ranges, National Enameling & Stamping Co., Milwaukee, Wis.

LUXE MAYFLOWER Bathroom Fixtures, Brey-Krause Mfg. Co., Allentown, Pa.

LUXE Safety Razors & Blades, Gillette Safety Razor Co., 15 W. 1, Boston, Mass.

LUXE Shot Gun Shells, Peters Cartridge Div. Remington Arms Co., Inc., 989 Barnum Ave., Bridgeport, Conn.

LUXE TRAVELER Gasoline Camp Stoves, Turner Brass Works, Sycamore, Ill.

LUXE Wheelbarrows, American Steel Scraper Co., Sidney, O.

LUXE HANDA Wheelbarrows, American Steel Scraper Co., Sidney, O.

ION Axes, Hammers, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, O.

IPSTER Windmills, Pumps, Cylinders, Water Systems, Steel & Wood Tanks, etc., Dempster Mill Mfg. Co., Beatrice, Nebr.

ISCO Closet Tank Floats, Detroit Metal Spinning Co., 625 Monroe Ave., Detroit, Mich.

ICO Lead-Head Roofing Nails, Deniston Co., 4858 S. Western Ave., Chicago, Ill.

NEUI Hog Ringers, Lindemann, N. H., Applington, Ia.

ISTON Lead Head Nails and Drive Screw Nails, Deniston Co., 4858 S. Western Ave., Chicago, Ill.

NIS Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.

INIS CLINCHER Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.

INIS DOUBLE-CUSHION Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.

INIS Metal Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.

INIS Refrigerator Door Gaskets, Metal & Wood Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.

ENDABLE Ash & Garbage Cans, Reeves Steel & Mfg. Co., Dover, Ohio.

TRY Red Paints, Lowe Bros. Co., Dayton, Ohio.

SOTO Hand Lawn Mowers, Heineke & Co., 1900 S. 8th, Springfield, Ill.

ECTO Baby & Bathroom Scales, Detecto Scales, Inc., Div. Jacobs Bros. Co., Inc., 1 Main, Brooklyn, N. Y.

ECTO-GRAM Counter Scales, Jacobs Bros. Co., Inc., 1 Main, Brooklyn, N. Y.

ECTO-METER Electrical Fence Controllers, Diller Electric Mfg. Co., Kokomo, Ind.

ECTO-WATE Household Scales, Jacobs Bros. Co., Inc., 1 Main, Brooklyn, N. Y.

VIL Cape Chisels, Claw Bars, Warren Tool Corp., Warren, Ohio.

VOE Paints, Devoe & Reynolds Co., Inc., 1 W. 47th, New York, N. Y.

ION Artificial Fish Bait, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.

W-DROP Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.

WAR MATCH Rifle Cartridges, Peters Cartridge Div. Remington Arms Co., Inc., 989 Barnum Ave., Bridgeport, Conn.

TER Builders, Cabinet & Refrigerator Hardware, National Brass Co., Grand Rapids, Mich.

TER Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.

TER Electric Ironers, Electric and Gas Motor Clothes Washing Machines, Dexter Co., Fairfield, Iowa.

TER Household & Industrial Knives, Shoe Cutter Blades, Kitchen Forks, Wall & Paint Scrapers, etc., Russell Harrington Cutlery Co., Southbridge, Mass.

HARRINGTON & SON Paring Knives, Oil Cloth Knives, Tanners' Knives, Russell Harrington Cutlery Co., Southbridge, Mass.

L Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.

MALLOY Adjustable Wrenches, Diamond Calk Horseshoe Co., 4622 Grand Ave., Duluth, Minn.

M-ALLOY Staple Pullers, Diamond Calk Horseshoe Co., 4622 Grand Ave., Duluth, Minn.

MO-CARBO Emery Wheel Dressers, Desmond-Stephan Mfg. Co., Urbana, Ohio.

MOND Adjustable Wrenches, Pliers, Crate Openers, Grub Hoes, Mattocks, Crow Bars, Clevises, Chain Hooks, Picks, Tractor Spuds, Cold Shuts, Horseshoes, Horseshoe Calk, etc., Diamond Calk Horseshoe Co., 4622 Grand Ave., Duluth, Minn.

MOND Arrow Casters, Bassick Co., Bridgeport, Conn.

MOND Clothes Lines, Columbian Rope Co., 352 Genesee, Auburn, N. Y.

MOND Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.

MOND-DART Casters, Bassick Co., Bridgeport, Conn.

MOND Electric Soldering Irons, Peerless Novelty Co., 105 Fulton, Grand Haven, Mich.

MOND F Electric Light Fixtures, Frankelite Co., 2623 E. 51st, Cleveland, O.

MOND Fence & Gates, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.

MOND FURNACE Dampers, Adams Co., Dubuque, Ia.

MOND G Lock Washers, Garrett (Geo. R.) Co., Inc., 1421 Chestnut, Phila., Pa.

MOND Hose Nozzles, Sherman (H. B.) Mfg. Co., Battle Creek, Mich.

MOND JR. Pitching Horseshoes, Diamond Calk Horseshoe Co., 4622 Grand Ave., Duluth, Minn.

MOND Official Pitching Horseshoes, Diamond Calk Horseshoe Co., 4622 Grand Ave., Duluth, Minn.

MOND Point Asphalt Roofing, Barrett & Co., 40 Rector, New York, N. Y.

MOND S Brand Manila Rope, Fittler (The Edwin H.) Co., 5625 Tacony (Frankford), Phila., Pa.

DIAMOND SCYNE STONES, Beren Abrasives Div. Cleveland Quartz Co., 1100 Builders Exch. Bldg., Cleveland, O.

DIAMOND Shoe Knives, Hyde Mfg. Co., Southbridge, Mass.

DIAMOND Spades & Scoops, American Fork & Hoe Co., Cleveland, O.

DIAMOND Velvet Casters, Bassick Co., Bridgeport, Conn.

DIC-A-DAILY Water Softener, Patent Cereals Co., Geneva, N. Y.

DIC-A-DOO Paint and Paint Brush Cleaners, Patent Cereals Co., Geneva, N. Y.

DICKSON Lead Head Nails, Drive Screw Nails, etc., Dickson Weatherproof Nail Co., 1515 Sherman Av., Evanston, Ill.

DIJIT Powdered Hand Soap, Triplewear Brake Linings Corp., 37 Kentucky Ave., Paterson, N. J.

DILLON Fence & Wire Stretchers, Northwestern Barb Wire Co., Inc., Sterling, Ill.

DILLON Sash Pulleys, Stanley Wks., New Britain, Conn.

DILVER Fruit & Vegetable Presses, Food Mills, Fruit & Vegetable Strainers, McDowell Mfg. Co., Millvale Sta., Pittsburgh, Pa.

DIME Oiler Assortment, Eagle Mfg. Co., Wellsburg, W. Va.

DIMO-GRIT Bench & Disc Grinders, Luther Grinder & Tool Co., Fond du Lac, Wis.

DIMO Special Tool Grinders, Luther Grinder & Tool Co., Fond du Lac, Wis.

DI-MOL Hacksaws, Disston (Henry) & Sons, Inc. (Tacony) Phila., Pa.

DINGBAT Artificial Fish Bait, Creek Chub Bait Co., Garrett, Ind.

DINGER Artificial Fish Bait, Creek Chub Bait Co., Garrett, Ind.

DIPLOMAT SPECIAL Hand Lawn Mowers, Coldwell Lawn Mowers, Newburgh, N. Y.

DIPSEA Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

DIRECT ACTION Liquid Measures, Huenfeld Co., 2701 Spring Grove Ave., Cincinnati, O.

DIRECT DRIVE Conductor Pipe Hooks, Milcor Steel Co., S. 41 Ave. & W. Burnham, Milwaukee, Wis.

DIRECT LINE Power Pumps, Deep Well Pumping Heads, Myers (F. E.) & Bro. Co., Ashland, Ohio.

DIRECTOR Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.

DISC CENTER Buffing Brushes, Polishing Wheels, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.

DISSTON Saws, Files, Knives & Tools, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

DISSTON Spring Rake, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

DITZE Disgorger, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

DIX Parlor Door Hangers, Wagner Mfg. Co., Cedar Falls, Iowa.

DIXIDE Chemical Weed Killers, Mather, R. B., P. O. Box 1, Kenmore, N. Y.

DIXIE Ash & Garbage Cans, Wood Heaters, Reeves Steel & Mfg. Co., Dover, Ohio.

DIXIE Gas Water Heaters, Hotstream Heater Co., 8007 Grand Ave., Cleveland, O.

DIXIE Lasts & Stands, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.

DIXIE Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.

DIXIE Meat Choppers, Enterprise Mfg. Co. of Pa., Third & Dauphin, Phila., Pa.

DIXIE Pork Rind Bait Strips, American Fork & Hoe Co., Keith Bldg., Cleveland, O.

DIXIE PRIDE Axes, Plumb (Fayette R.), Inc., 4837 James, Phila., Pa.

DIXIE QUEEN Aluminum Ware, Aluminum Goods Mfg. Co., Manitowoc, Wis.

DIXIE Wiggler Artificial Fish Bait, American Fork & Hoe Co., Geneva, O.

DIXON'S Axle Grease, Lubricants, Graphite, Paints, Varnishes, Pencils, Crayons, Polishers, etc., Dixon (Joseph) Crucible Co., Wayne & Monmouth, Jersey City, N. J.

DIXON'S Graphite Specialties, Dixon (Joseph) Crucible Co., Wayne & Monmouth, Jersey City, N. J.

D-LITE Cold Blast Lanterns, Tubular Lanterns, Lantern Globes, Diets (R. E.) Co., 60 Laight, New York, N. Y.

DO-ALL Green Dust Fungicides & Insecticides, Hammond Paint & Chemical Co., Beacon, N. Y.

DOGGY-DYNER Dog Dishes, Justrite Mfg. Co., 2061 Southport Ave., Chicago, Ill.

DOG SKAT Dog Deterrents, Hammond Paint & Chemical Co., Beacon, N. Y.

DOLLAR BRAND Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.

DOLLAR Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.

DOLLY MADISON Ice Cream Freezers, Conco Engineering Works, Mendota, Ill.

DOMES OF SILENCE Furniture Slides, Domes of Silence, Inc., 85 Pearl, New York, N. Y.

DOMESTIC Clothes Lines, Silver Lake Co., 99 Chauncy, Boston, Mass.

DOMINO Fishing Lines, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.

DONALD DUCK SLEDS, Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila., Pa.

DONUT Tape Rules, Lufkin Rule Co., Saginaw, Mich.

DOO-KLIP Grass Shears, Pruning Shears, Garden and Lawn Weeder, Wire Tightener, Alliance Mfg. Co., Alliance, Ohio.

DOO-KUT Weed Cutters, C-K-R Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.

DORAK Tie Racks, Coat & Hat Shelf Racks, Miller (Robert E.) Inc., 85 Pearl, New York, N. Y.

DOR-SEAL Automatic Door Bottom Weatherstrip, Chamberlin Metal Weatherstrip Co., 1254 Labrosse, Detroit, Mich.

DORTHE Hook, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

DO R-WAY Garage Door Hardware, Richards-Wilcox Mfg. Co., Aurora, Ill.

DOUBLE-A Homecraft Tools, Double-A Products Co., Inc., Ann Arbor, Mich.

DOUBLE CONTACT Weatherstrip, Wirtz-Bosley Corp., 3242 N. California Ave., Chicago, Ill.

DOUBLE-CUSHION Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.

DOUBLE DUTY Bottle Cappers, Everedy Co., 6 East, Frederick, Md.

DOUBLE DUTY Caulking Compound, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.

DOUBLE DUTY Hatchets, Star Drills, Vaughan & Bushnell Mfg. Co., 2214 Carroll Ave., Chicago, Ill.

DOUBLE-FLEX Hack Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

DOUBLE GRIP Mud Hooks or Chains, Cleveland Chain & Mfg. Co., Cleveland, Ohio.

DOUBLE JACK Fence Stretchers, Jackson Fence Co., Jackson, Mich.

DOUBLE JET Gasoline Brazing Torches, Turner Brass Works, Sycamore, Ill.

DOUBLE RINGER Pitching Horseshoes, Diamond Calk Horseshoe Co., 4622 Grand Ave., Duluth, Minn.

DOUBLE ROTARY Lawn Sprinklers, Double Rotary Springler Co., 1210 Candler Bldg., Kansas City, Mo.

DOUBLE SPEED Electricians Drills & Bits, Greenlee Tool Co., 2186-12, Rockford, Ill.

DOUBLE X Floor Cleaners, Paint & Varnish Removers, Schalk Chemical Co., 357 East Second, Los Angeles, Calif.

DOVER Eaves Trough & Conductor Pipe Hangers, Wood Heaters, Reeves Steel & Mfg. Co., Dover, Ohio.

DOVER-SMITH Stove Pipe, Reeves Steel & Mfg. Co., Dover, Ohio.

- DRAFT-O-STAT Furnace Regulators, Hotstream Heater Co., 8007 Grand Ave., Cleveland, O.
- DRAGON Fence & Wire Stretchers, Richards Wilcox Mfg. Co., Aurora, Ill.
- DRAGON Friction & Rubber Tape, Hazard Insulated Wire Works, Division of Okonite Co., Wilkes-Barre, Pa.
- DRAGON Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- DRAGON Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- DRAIN KLEEN Drain Pipe & Trap Cleaners, etc., Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Ave., Chicago, Ill.
- DRAINRITE Roofing and Siding, Continental Steel Corp., Kokomo, Ind.
- DRAWOUT LEADER Hand Lawn Mower, Blair Mfg. Co. Springfield, Mass.
- DRAW CUT Pruners, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Cleveland, Ohio.
- DRAW CUT Pruning Shears, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.
- DREADNAUGHT Axes, Plumb (Fayette R.), Ins., 4837 James, Phila., Pa.
- DREADNAUGHT Electric Floor Sanding Machines, Floor Scrapers, Cabinet and Bench Scrapers, Clarke Sanding Machine Co., Dept. HA-586, Muskegon, Mich.
- DREADNOUGHT Cold Chisels & Pliers, Kraeuter & Co., Inc., 585 18th Ave., Newark, N. J.
- DREDNOT Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- DRI-FAST Varnish Stains, Paints, Foy Paint Co., Inc., Cincinnati, Ohio.
- DRIFETTE Coffee Makers, West Bend Aluminum Co., West Bend, Wis.
- DRIP-DROP Bottle Lubricators, Trico Fuse Mfg. Co., Milwaukee, Wis.
- DRIP-DROP Coffee Maker, Buckeye Aluminum Co., Wooster, Ohio.
- DRIP-O-LATOR Coffee Pots, Enterprise Aluminum Co., Massillon, Ohio.
- DRIVER Homecraft Tools, Walker Turner Co., Inc., 595 Berckman, Plainfield, N. J.
- DRYBAK Weatherproof Hunting Clothes, Drybak Corp., Binghamton, N. Y.
- DRYFLY Oil, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- DRY-PAK Bait, Day Bait Co., 1824 Howard, Port Huron, Mich.
- DU-ALL CUB Gasoline Engine Sprayers, Horse Drawn Sprayers, Meyers (F. E.) & Bro. Co., Ashland, Ohio.
- DU-ALL-DUPLEX Gasoline Engine Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- DU-ALL Horse Drawn Sprayers, Power Spray Pumps, Garden Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- DU-ALL JUNIOR Potato Sprayers, Gasoline Engine Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- DUAL Corner Plates, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- DUAL-AUTOMATIC Electric Refrigerators, Water Coolers & Ranges, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- DUAL FUEL Camp Stoves, Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, Ohio.
- DUAL Ground Circular Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- DUAL Sinkers, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- DUALITE Electric Flashlights, Ray-O-Vac Co., Madison, Wis.
- DUALIZED Barbed Wire, Wire Fencing, Northwestern Steel & Wire Co., Sterling, Ill.
- DU BARRY Chamois, American Sponge & Chamois Co., Inc., 47 Ann, New York, N. Y.
- DUBAY Seed Treatments, Bayer-Semesan Co., Inc., Wilmington, Del.
- DUBLECOTE Multi Shingles, Barrett Co., 40 Rector, New York, N. Y.
- DU-CHRO Skillet, Griddles Dutch Ovens, Griswold Mfg. Co., Erie, Pa.
- DUCO Paints, Cements, Furniture Polishes, Wax Polish, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- DUDEK Animal Pokes, Rose (Frank) Mfg. Co., Hastings, Nebr.
- DUDLEY Wood Heaters, Gray & Dudley Co., Nashville, Tenn.
- DUGRO Plant Food, Grasselli, Chemicals Dept. Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- DUKE Wrist Watches, New Haven Clock Co., New Haven, Conn.
- DULL KOTE Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood) Cincinnati, Ohio.
- DULTONE Shingle Stains, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood) Cincinnati, Ohio.
- DULUX Paints, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- DUMACO Plumbing Specialties, Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.
- DUNDEE Friction Rubber Tape, Okonite Co., Passaic, N. J.
- DUNLAP Egg Beater, Indestro Mfg. Corp., 2675 N. Kildare Ave., Chicago, Ill.
- DUO-DISC Edger & Weeder, Granite State Mowing Machine Co., Hinsdale, N. H.
- DUO Hose Nozzles, Sherman (H. B.) Mfg. Co., Battle Creek, Mich.
- DUOLITE Safety Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- DUO Pipe & Bolt Stocks & Dies, Greenfield Tap & Die Corp., Greenfield, Mass.
- DUO-THERM Oil Burning Ranges, Garage Heaters, Oil Burning Circulating Heaters, Duo-Therm Div. Motor Wheel Corp., Lansing, Mich.
- DUO 2-in-1 Paste Exterior Paste Paint, Passonno-Hutcheon Co., 9808 Meech Ave., Cleveland, Ohio.
- DUPATE Safety Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- DUPLEX Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- DUPLEX Gasoline Engine Sprayers, Paint Sprayers, Myers (F. E.) Bro. Co., Ashland, Ohio.
- DUPLEX Gas Motor Washing Machines, Dexter Co., Fairfield, Iowa.
- DUPLEX Pruning Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- DUPLEX Windlasses, Laughlin (Thomas) Co., Portland, Me.
- DU PONT Explosives, Paints, Varnishes and Polishes, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- DUQUESNE Axes, Kelly Axe & Tool Works, of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- DURABLE Door Mats, Durable Mat Co., 777 Brook, Akron, Ohio.
- DURABLE Steel-Truss Stepladders, Clark (J. R.) Co., Minneapolis, Minn.
- DURAFLEX Hack Saws, Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- DURA-GLIT Metal Polish, Carter Products Corp., 983 Front Ave., Cleveland, Ohio.
- DURALIN Door Trim, National Brass Co., Grand Rapids, Mich.
- DUREO Cold Water Paint, Muralo Co., Inc., 566 Richmond Terrace, Staten Island, N. Y.
- DUREX Folding Step Ladders, Ironing Boards & Tables, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- DUREX Spring Hinges, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.
- DURHAM'S ROCK Hard Water Putty, Durham (Donald) Co., 203 School, Des Moines, Ia.
- DURITE Abrasive Paper, Behr-Manning Corp., Troy, N. Y.
- DURO-BILT Golf Bags, Hillerich & Bradsby Co., Louisville, Ky.
- DURO CHROME Automotive Wrenches, Duro Metal Products Co., 2651-61 N. Kildare Ave., Chicago, Ill.
- DURO Homecraft Tools, Duro Metal Products Co., 2651-61 N. Kildare Ave., Chicago, Ill.
- DURO Rubber Mats, Auburn Rubber Corp., Auburn, Ind.
- DURO Toilet Seats, Keystone Brass & Rubber Co., Broad & Lehigh Ave., Phila., Pa.
- DUROLINE Cement Lined Steel Pipe, National Tube Co., Frick Bldg., Pittsburgh, Pa.
- DUROLITE Screw Drivers, Duro Metal Products Co., 2651-61 N. Kildare Ave., Chicago, Ill.
- DUROMAID Ironing Tables, Clark (J. R.) Co., Minneapolis, Minn.
- DUST CLEANER Electric Vacuum Cleaners, Hand Vacuum Cleaners, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- DUST KING Insecticide Dusters, Smith (D. B.) & Co., Utica, N. Y.
- DUSTEM Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- DUSTLESS Disc Sander, Lincoln-Schluter Floor Machy. Co., Inc., 213 Grand Ave., Chicago, Ill.
- DUSTMASTER Insecticide Dusters, Smith (D. B.) & Co., Utica, N. Y.
- DUTCH BOY White Lead, Linseed Oil, Bar & Wire Solder, Metal Babbitt Rosin Core & Self Fluxing Solder, Bearing Metal, Lead Oxides, Ad Core Solder, Flattening Oils, Wall Primers, National Lead Co., 11 Broadway, New York, N. Y.
- DUTCH Brand Bicycle Tire Fluids, Grinding Compounds, Rubber Cement Lubricating Graphite, Rubber and Friction Tapes, Gasket Cement Gasket Shellacs, Lubricating Oils, etc., Van Cleeef Bros., 7800 Woodlawn Ave., Chicago, Ill.
- DUTCH LAP CLIP Shingles, Barrett Co., 40 Rector, New York, N. Y.
- DUTCH OVEN Gas, Oil, Coal and Wood Ranges, Globe American Corp., Kokomo, Ind.
- DUTOX Insecticides, Grasselli, Chemicals Dept. Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- DUVROCK Clay Targets, Target Traps, Peters Cartridge Co., 939 Baram Ave., Bridgeport, Conn.
- DUX-BAC Metal Shingles, Milcor Steel Co., S. 41 Ave. & W. Burnham Milwaukee, Wis.
- DWARF Scale Model Airplane, Cleveland Model & Supply Co., Inc., 4568-D Lorain Ave., Cleveland, O.
- DWARF Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- DYNAMICUT Hatchets, Collins Co., Collinsville, Conn.
- DYNAMO Leather Belting, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- DYNO-MITE Electric Drill, Millers Falls Co., Greenfield, Mass.
- E Hand Lawn Mowers, Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.
- E-Z Drain Galvanized Iron Wash Tubs, Reeves Steel & Mfg. Co., Dover, Ohio.
- E-Z Electric Grills, Electric Corn Poppers & Stove Type Corn Poppers, Keme (O. S.) Machine Co., 311 Myrtle, Elkhart, Ind.
- E-Z Hand Knapsack Sprayers, Smith (D. B.) & Co., Utica, N. Y.
- E-Z KLOZE Screen Door Check, Heckethorn Mfg. & Supply Co., Littleton, Colo.
- E-Z LITE Asbestos Wicking, Asbestos Textile Co., Inc., 167 W. Wacker Drive, Chicago, Ill.
- E-Z-WAY Screen Hangers, Dennis (W. J.) Co., 2110 W. Lake, Chicago, Ill.
- E-Z WHEEL Hand Lawn Mowers, Rugg (E. T.) Co., Newark, O.
- E-Z-WOOD Wood Paste, Midway Chemical Co., Div. American Home Products Corp., 275 Cornelison Ave., Jersey City, N. J.
- EZY-CUT Grass Shears, Smith (Seymour) & Son, Inc., Oakville, Conn.
- 8-DAY Railroad Lanterns, Dietz (H. E.) Co., 60 Light, New York, N. Y.
- EAGLE Blacksmiths' Anvils, Fisher & Norris, Trenton, N. J.
- EAGLE Cabinet Locks, Night Latches, Padlocks, Trunk Locks, Store Door Sets, Front Door Sets, Wood & Machine Screws, Stove Bolts, Eagle Lock Co., Terryville, Conn.
- EAGLE Carriage Bolts, Russell, Burdall & Ward Bolt & Nut Co., Portchester, N. Y.
- EAGLE Clothes Lines, Samson Cordage Wks., 89 Broad, Boston, Mass.
- EAGLE Files & Rasps, Nicholson File Co., Providence, R. I.
- EAGLE FLEXO Spout Gasoline & Oil Can, Eagle Mfg. Co., Wellsburg, W. Va.
- EAGLE Folding Rules, Eagle Rule Mfg. Corp., 514 Hunts Point Ave., New York, N. Y.
- EAGLE Hickory Handles, Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky.
- EAGLE Horse & Pony Lawn Mowers, Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.
- EAGLE Ice Creepers, Union Hardware Co., Torrington, Conn.
- EAGLE Jute Packing, American Mfg. Co., Noble & West, Bklyn, N. Y.
- EAGLE Oilers, Eagle Mfg. Co., Wellsburg, W. Va.
- EAGLE Ringer Pitching Horseshoes, Diamond Call Horseshoe Co., 4622 Grand Ave., Duluth, Minn.
- EARLE SPECIAL Bush Hooks, Scythes, North Wayne Tool Co., Oakland, Me.
- EASIMO Electric Lawn Mowers, Electric Lawn Mower Co., Westport, Conn.
- EASTERN Extension Ladder, Babcock (W. W.) Co., Bath, N. Y.
- EASY BORDER Hand Lawn Mowers, Blair Mfg. Co., Springfield, Mass.
- EASY CUT Axes & Hatchets, Peck, Stow & Wilcox Co., Southington, Conn.
- EASY CUTTER Can Openers, Vaughan Novelty Mfg. Co., 3213 Carroll Ave., Chicago, Ill.
- EASY Electric Washing Machines & Electric Ironers, Easy Washing Machine Corp., Syracuse, N. Y.
- EASY FOLD Ironing Tables, Clark (J. R.) Co., Minneapolis, Minn.
- EASY-GRIP Plasterers' Trowels, Atkins (E. C.) & Co., Indianapolis, Ind.
- EASY KNOT Clothes Line Hooks, Larson (Chas. O.) Co., Ave. G. & C. & N. W. R. R., Sterling, Ill.
- EASY Lawn Trimmers, Midland Co., South Milwaukee, Wis.
- EASY PROTECTO Hand Bottle Cappers, Vaughan Novelty Mfg. Co., Inc., 3111 Carroll Ave., Chicago, Ill.
- EASY-REST Lawn Chairs, Phenix Mfg. Co., Inc., 2682 N. Humboldt Ave., Milwaukee, Wis.
- EASY-TACH Faucet Washers, Keystone Brass & Rubber Co., Broad & Lehigh Ave., Phila., Pa.
- EATON Electric Coffee Urns, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- EBONETTES Synthetic Rubber Gloves, Pioneer Rubber Co., 1936 Tiffin Ave., Willard, O.
- EBONY Axes, Rixford Mfg. Co., East Highgate, Vt.
- ECCO Paper Towel Holders, Carpenter (E. W.) Mfg. Co., 1565 Railroad Ave., Bridgeport, Conn.
- E. C. GUN POWDER, Hercules Powder Co., Inc., Wilmington, Del.
- ECKO Fishing Spears, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- ECLIPSE Clothes Lines, Puritan Cordage Mills, Louisville, Ky.
- ECLIPSE Electric Clothes Washing Machines, Voss Bros. Mfg. Co., Davenport, Ia.
- ECLIPSE Electric Outboard Boat Motors, Bendix Aviation Corp. (Marine Div.), 754 Lexington Ave., Brooklyn, N. Y.
- ECLIPSE Glass Cutters, Smith (Landon P.) Inc., 130 Colt, Irvington, N. J.
- ECLIPSE Machinists' Vises, Parker (Chas.) Co., Meriden, Conn.



- IPSE Outboard Boat Motors, Bendix Aviation Corp. (Marine Div.), 754 Lexington Ave., Brooklyn, N. Y.
- IPSE Hand Lawn Mowers, Lawn Mower Rack, Eclipse Lawn Mower Co., Prophetstown, Ill.
- IPSE Snow Shovels, Rugg Mfg. Co., Greenfield, Mass.
- IPSE Stringer, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NOMICAL Cobbler Outfits, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- NOMY Ash Sifter, C-K-R, Div. American Fork & Hoe Co., Euclid Ave., Cleveland, Ohio.
- NOMY Barn Door Hangers, Garage Hardware, Hangers & Hinges, Force Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- NOMY Buffing Brushes, Steel Wire Brushes, Polishing Wheels, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.
- NOMY Cheese Cutters, Goodell Co., Antrim, N. H.
- NOMY Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- NOMY Electric Floodlights, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- NOMY Floor Sleeper Clips, Halter (Jacob) Sons Co., 3604 Walton Ave., Cleveland, O.
- NOMY Hand Suction Vacuum Washers, Kautenberg (W. E.) Co., Freeport, Ill.
- NOMY Oiler Assortment, Eagle Mfg. Co., Wellsburg, W. Va.
- NOMY Waterless Cookers, West Bend Aluminum Co., West Bend, Wis.
- NOMY Wire Fence, Keystone Steel & Wire Co., Peoria, Ill.
- YSTONE Sash Cord, Silver Lake Co., 99 Chauncy, Boston, Mass.
- EWORTH Pruning Shears, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.
- R-DISCS For Floor Sanding, Behr-Manning Corp., Troy, N. Y.
- SON Masda Lamps, General Electric Co., Nela Park, Cleveland, O.
- UND Can Openers, Egg Beaters, Bottle Openers, Jar Openers, Knife Sharpeners, Edlund Co., Burlington, Vt.
- IONT Rubber & Rubber Coated Gloves, Edmont Mfg. Co., Coshocton, Ohio.
- Y WEAR Napa Goat Leather Palm Gloves, National Glove Co., 924 E. Main, Columbus, Ohio.
- ICIENCY Cotter Pins, Lamson & Sessions Co., 1971 W. 85th, Cleveland, Ohio.
- Beaded Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- Wood Joint Fasteners, Wright Products Mfg. Corp., 2101 Kennedy, N. E., Minneapolis, Minn.
- DINT Ground Clamps, Accessories Mfg. Co., 4612 N. Clark, Chicago, Ill.
- CTO Water Systems, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- O Tin Ware, Katsinger (Edward) Co., 1949 N. Cicero Ave., Chicago, Ill.
- STIGUM Roof Paint, Roofing Compounds, Barrett Co., 40 Rector, New York, N. Y.
- O Insect Exterminators, Roach & Ant Powder, Termite Control, Elco Mfg. Co., 521 S. Aiken Ave., Pittsburgh, Pa.
- REDGE Sewing Machines, National Sewing Machine Co., Belvidere, Ill.
- CT-O-STAT Brooders, Makomb Steel Products Co., Macomb, Ill.
- CTRA Breast Chains, Butt Chains, Halter Chains, Heel Chains, Log Chains, Trace Chains, Cattle & Horse Ties, Cleveland Chain & Mfg. Co., Cleveland, Ohio.
- CTRAKEN Lawn Mower Sharpeners, Foley Mfg. Co., 1 Main, N. E., Minneapolis, Minn.
- CTRIC Blasting Caps, Western Cartridge Co., Dept. I-50, East Alton, Ill.
- CTRIC Hay Knives, American Fork & Hoe Co., Cleveland, O.
- CTRIC Step Ladder, Babcock (W. W.) Co., Bath, N. Y.
- CTTRIMMER Electric Hedge Trimmers, Skilaw, Inc., 3810 Elston Ave., Chicago, Ill.
- CTRITE Electric Fence Controllers, Deep & Shallow Well Pumps, Electric Insect Traps, Electric Window Screens, Electrite Fence Co., 177 Knilians Bldg., Whitewater, Wis.
- CTRO-BREW Coleman Coffee Makers, Coleman Lamp & Stove Co., Wichita, Kansas.
- CTRO Cream Separators, De Laval Separator Co., 165 Broadway, New York, N. Y.
- CTRO-LINE Electric Fence Controller, Electro-Line Fence Co., 121 N. B'way, Milwaukee, Wis.
- CTRO-SPEED Roasters, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- K-TRO-CUT Floor Sanding Papers, Minnesota Mining & Mfg. Co., St. Paul, Minn.
- EVEN-EIGHTY Garage Door Hardware, Allith-Prouty, Inc., Danville, Ill.
- EVEN EIGHTY-NINE Garage Door Hardware, Allith-Prouty, Inc., Danville, Ill.
- JIN Toilet Seats, International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.
- TE Bathroom Fixtures & Furnishings, American Enamelled Products Co., Waukesha, Wis.
- TE Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.
- WOOD Barbed Wire, Wire Fence, American Steel & Wire Co., Rockefeller Bldg., Cleveland, Ohio.
- WOOD Barbed Wire & Wire Fence, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
- WOOD Fence & Wire Stretchers, Starline, Inc., Harvard, Ill.
- WOOD Wire Fence, Columbia Steel Co., 285 Montgomery, San Francisco, Cal.
- WOOD Wire Stretchers, Ney Mfg. Co., Canton, Ohio.
- MIRA Tree Pruners, Garden Rakes, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- GO Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- WEL Halter, Harness & Heel Chains, American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.
- WEL-TRA Butt & Trace Chains, American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.
- ERALD Garden Hose, Goodyear Tire & Rubber Co., 1114 Market, Akron, O.
- ERGENCY Mud Extricating Chains or Hooks, Cleveland Chain & Mfg. Co., Cleveland, Ohio.
- ERIC Spinner, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PIRE Bolts, Nuts, and Rivets, Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y.
- PIRE Cobbler Outfits, Lasts & Stands, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- PIRE Door Holders, Sash Locks, Caldwell Mfg. Co., 52 Industrial, Rochester, N. Y.
- PIRE Dredge Chains, Cleveland Chain & Mfg. Co., Cleveland, Ohio.
- PIRE Heel Plates, Fate-Root-Heath Co., 1333 High, Plymouth, Ohio.
- PIRE Levels, Empire Level Mfg. Co., 701 S. 6th, Milwaukee, Wis.
- PIRE Spades & Scoops, American Fork & Hoe Co., Cleveland, Ohio.
- PRESS Electric Range, General Electric Co., Nela Park, Cleveland, Ohio.
- ENAMLART Enamelware, Moore Enameling & Mfg. Co., West Lafayette, Ohio.
- ENAMELOID Paints, Sherwin-Williams Co., Cleveland, Ohio.
- ENDURO Stainless Steel, Republic Steel Corp., Republic Bldg., Youngstown, Ohio.
- ENGINEERS Ash Cans, Reeves Steel & Mfg. Co., Dover, Ohio.
- ENGLISH ROUND Scythe Stones, Barea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- ENOS Windlasses, Laughlin (Thomas) Co., Portland, Me.
- ENIGN Watches, Ingersoll-Waterbury Co., Waterbury, Conn.
- ENTIME Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- ENTERPRISE Food & Meat Choppers, Coffee Mills, Fruit Presses, Corn Grinding Mills, Lard Presses, Sash Irons, Cheese, Nutmeg and Vegetable Graters, etc., Enterprise Mfg. Co. of Pa., Third & Dauphin, Phila., Pa.
- ENTERPRISE Spreaders, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- ERECTO Self Fastener Fence Posts, Bethlehem Steel Co., Bethlehem, Pa.
- ERIE Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- ERIE CORD Garden Hose, Continental Rubber Wks., Erie, Pa.
- ERIE Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- ESICO Industrial, Midget, Junior, Nick Nack, Trophy, Electric Soldering Irons, Electric Burning Brands, Melting Pots, etc., Electric Soldering Iron Co., Inc., Deep River, Conn.
- ESSEX Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- ESSEX Household Snips, Wiss (J.) & Sons Co., 33 Littleton Ave., Dept. A., Newark, N. J.
- ESSEX Pruning Shears & Hedge Shears, Seymour Smith & Son, Inc., Oakville, Conn.
- ESTATE Gas Ranges, Electric Ranges, Estate Stove Co., Hamilton, Ohio.
- ESTATE HEATROLA Circulating Heaters, Coal Heaters, Wood Heaters, Gas Heaters, Oil Burning Circulating Heaters, Coal Ranges, Coal Stoves, Wood Stoves, Estate Stove Co., South Ave., Hamilton, Ohio.
- ESTATE Power Lawn Mowers, Jacobsen Mfg. Co., Racine, Wis.
- ESTATE SPEEDEX Oil Burning Circulating Heaters, Estate Stove Co., South Ave., Hamilton, Ohio.
- ESTER Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- ESTHER Fishing Lines, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- ESTWING Steel & Leather Handle Hammers, Hatchets, etc., Estwing Mfg. Co., Rockford, Ill.
- ETHAN ALLEN Axes, Rixford Mfg. Co., East Highgate, Vt.
- EUREKA Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- EUREKA Foot Power Grindstones, Barea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- EUREKA Gun Cleaning Rods, Union Edw. Co., Torrington, Conn.
- EUREKA Lasts & Stands, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- EUREKA Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- EUREKA Light India Twine, Columbian Rope Co., 352 Genesee, Auburn, N. Y.
- EUREKA Parking Lanterns, Kerosene Oil Lamps, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- EUREKA Post Hole Diggers, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- EUREKA Post Hole Diggers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- EUREKA Revolvers, Harrington & Richardson Arms Co., Worcester, Mass.
- EUREKA Scythes, Winsted Mfg. Co., Inc., Winsted, Conn.
- EUREKA Shovels, Wood Shovel & Tool Co., Piqua, Ohio.
- EUREKA Sisal Rope, Sewing Twine, Jute Wrapping Twine, Columbian Rope Co., 352 Genesee, Auburn, N. Y.
- EUREKA Soldering Flux, Grasselli Chemical Co., Inc., 629 Euclid Ave., Cleveland, Ohio.
- EVANAIR Gas Radiation Heaters, Evans Products Co., Evanoll Div., Greenfield & Fullerton, Detroit, Mich.
- EVANOIL Circulating Oil Burning Heaters, Oil Burning Water Heaters, Oil Burning Furnaces, Evans Products Co., Evanoll Div., Greenfield & Fullerton, Detroit, Mich.
- EVANS Spoons, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- EVANSTON Lawn Sprinklers, Hose Couplings, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- EVANSVILLE Adzes, Hammers, Mauls, Wedges, Chisels, Picks, Hatchets, Scutches, Boy Scout, Firemen's Single & Double Bit Axes, Sledges, Wrecking Bars, Grub Hoes, Mattocks, Evansville Tool Works, Div. of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- EVELINE Fishing Floats, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- EVEN TRIM Scratch & Casting Brushes, Pittsburgh Plate Glass Co., Brush Division, Baltimore, Md.
- EVERCRAFT Table & Floor Lamps, Cocktail Sets, Flower Vases, Picture Frames, Serving Trays, Everedy Co., 6 East, Frederick, Md.
- EVEREADY AIR CELL Telephone Batteries, National Carbon Co., 30 E. 42nd, New York, N. Y.
- EVEREADY COLUMBIA HOT SHOT Dry Batteries, National Carbon Co., 30 E. 42nd, New York, N. Y.
- EVEREADY Dry Batteries, Flashlight Batteries, Flashlights, Flashlight Holders, National Carbon Co., 30 E. 42nd, New York, N. Y.
- EVEREADY Ignitor Dry Batteries, National Carbon Co., 30 E. 42nd, New York, N. Y.
- EVEREADY LONG LIFE Telephone Batteries, National Carbon Co., 30 E. 42nd, New York, N. Y.
- EVEREADY MASTERLITE Flashlights, National Carbon Co., 30 E. 42nd, New York, N. Y.
- EVEREADY PRESTONE Anti-Freezing Compound, National Carbon Co., 30 E. 42nd, New York, N. Y.
- EVEREADY R. R. & Industrial Dry Batteries, National Carbon Co., 30 E. 42nd, New York, N. Y.
- EVEREADY RUSTONE Rust Preventing Compound, National Carbon Co., 30 E. 42nd, New York, N. Y.
- EVEREDY Screen Door Checks, Everedy Co., 6 East, Frederick, Md.
- EVERGREEN Lawn Sprinklers, Smith (O. B.) & Co., Utica, N. Y.
- EVERHOT Electric Cookers, Grills, Table Stoves, Heaters, Stoves, Roaster and Baker, Hot Plates, etc., Swartsbaugh Mfg. Co., Toledo, Ohio.
- EVERIDAY Bucktail Gange, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- EVERJET Asphalt & Roof Paint, Barrett Co., 40 Rector, New York, N. Y.
- EVERKLEAN Rubber Mats, Boston Woven Hose & Rubber Co., Cambridge, Mass.
- EVERLASTIC Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- EVERLASTIC Glazing Bedding Putty, Hammond Paint & Chemical Co., Beacon, N. Y.
- EVERLASTINGLY SHARP Pocket Knives, Schrade Cutlery Co., Walden, N. Y.

★ For Description of Products see Index starting on page 3 ★

- EVERLOCK Window Casement Adjusters, Russell & Erwin Mfg. Co., New Britain, Conn.
- EVER-READY Corn Shellers, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- EVER-READY Electric Dry Shavers, Safety Razors, Blades, Shaving Brushes, Shaving Soap, American Safety Razor Corp., 303 Jay, Brooklyn, N. Y.
- EVER-SAFE Folding Porch Gates, Rugg Mfg. Co., Greenfield, Mass.
- EVERSEAL Boiler Sealing Compound, Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Ave., Chicago, Ill.
- EVERSHARP Wood Chisels and Knife Sharpeners, Carpenter (E. W.) Mfg. Co., 1555 Railroad Ave., Bridgeport, Conn.
- EVERSILENT Trailer Couplers, Zagelmeyer Auto Camp Co., 801 S. Henry, Bay City, Mich.
- EVERSON Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- EVERTITE Barn Door Track, Wagner Mfg. Co., Cedar Falls, Ia.
- EVERTITE Hatchets, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- EVINRUDE-ELTO Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis.
- EVINRUDE HEDGE-BOY Electric Hedge Trimmers, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis.
- EVINRUDE Lawn-Boy Power Mowers, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis.
- EVINRUDE Pumps and Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis.
- EVINRUDE STREAMFLOW Bicycles, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis.
- EXCELL Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- EXCELL Felt Base Mats, Congoleum-Nairn, Inc., Kearny, N. J.
- EX-CELLO Minnow Pails, Mit-Shel Stamping Mfg. Co., Quincy, Ill.
- EX-CELLO Power Lawn Mowers, Heineke & Co., 1900 S. 8th, Springfield, Ill.
- EX-CELLO Spar Varnish, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood), Cincinnati, Ohio.
- EXCELSIOR Trellises, American Wire Fabrics Co., 500 5th Ave., New York, N. Y.
- EXEMPLER Stainless Knives, Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
- EXIT Insecticides, Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornelison Ave., Jersey City, N. J.
- EXLENTONE Paints, Woolsey Paint & Color Co., 500 Grand, Jersey City, N. J.
- EXPANSION Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- EXPANSION Corner Bead, Door & Window Casings, Base Screens, Flashing, Picture Mold, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wisc.
- EXPERT Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.
- EXPERT Weedless Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- EXPRESS Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.
- EXPRESS Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- EXTRA L. F. Dynamite, Hercules Powder Co., Inc., Wilmington, Del.
- EXTRA L. F. Gelatin Dynamite, Hercules Powder Co., Inc., Wilmington, Del.
- E-Z-Automobile Creepers, Wagner Mfg. Co., Cedar Falls, Iowa.
- E-Z Garage Door Sets, Frantz Mfg. Co., Sterling, Ill.
- E-Z GRIP Rubber Handles, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- E-Z Ironing Boards, Ironing Tables, Wash Boards, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- E-Z-OFF Stringers, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- E-Z Sidewalk Snow Plow, Blair Mfg. Co., Springfield, Mass.
- E-Z WAY Screen and Storm Sash Hangers, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- EZE OUT Cake Pans, National Enameling & Stamping Co., Milwaukee, Wis.
- EZE KLEEN Wall Paper Cleaners, Auburn Rubber Corp., Auburn, Ind.
- EZY-CUT Hedge Shears, Lopping Shears, Pruning Shears, Seymour Smith & Son, Inc., Oakville, Conn.
- EZY EDGE Razor Hones, Behr-Manning Corp., Troy, N. Y.
- EZYKUT Folding Sickle, Gardener's Friend Co., Div. of Cooke-Roberts Corp., Orange, Mass.
- EZY-OUT Screw Extractors, Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, Ohio.
- EZY OPENER Rubber Jar Opener, Auburn Rubber Corp., Auburn, Ind.
- F
- F D C G Dumb Waiters, Sedwick Machine Works, 160 W. 15th, New York, N. Y.
- F. & N. Fairway Power Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- F. & N. Putting Green Roller Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- F. & N. Unbreakable Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- 1ST KOTE-OVER Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- 4-33 Brass Faucets, Oil Faucets, Cleveland Brass Co., 4606 Hamilton Ave., Cleveland, Ohio.
- 4-ACRE Power Lawn Mowers, Jacobson Mfg. Co., Racine, Wis.
- 4-HOUR Enamels, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- 4-WAY Hack Saws, Smith (Landon P.) Inc., 130 Coit, Irvington, N. J.
- 4-WAY Locks, Four-Way Lock Co., 4619 Ravenswood Ave., Chicago, Ill.
- 5 WAY Sprinkler-Nozzle, Hose Nozzle and Lawn Sprinklers, Thomas Products Co., 15473 Indiana Ave., Detroit, Mich.
- 44 Varnishes & Enamels, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.
- 50-50 Garage Hardware, Allith-Prouty, Inc., Danville, Ill.
- 400 Grinder, Luther Grinder & Tool Co., Fond du Lac, Wis.
- 400 Semi-Concealed Door Closers, Russell & Erwin Mfg. Co., New Britain, Conn.
- 460 Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- 500 Miller Roller Skates, Kingston Products Corp., Kokomo, Ind.
- FAIRLAWN Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- FAIRWAY GANGS Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- FAIRWAY Pony and Horse Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- FAIRY Tricycles, Velocipedes, Colson Corp., Elyria, Ohio.
- FALCON Screw Drivers, Parker Wire Goods Co., Worcester, Mass.
- FALLS CITY Axes, Hatchets, Hammers, Kelly Axe & Hoe Works, of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- FALLS CITY Shovels, Spades & Scoops, Ames Baldwin Wyoming Co., Parkersburg, W. Va.
- FAMED Minnows, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- FAMILY Cobbler Outfits, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- FAMOUS Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- FANCY LINK Mats, Burton Mat Co., 175 Belmont Ave., Brooklyn, N. Y.
- FAN DANCER Artificial Fish Bait, American Fork & Hoe Co., Geneva, Ohio.
- FAN-TAIL Squid, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- FARM KING Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.
- FARM SPECIAL Tool & Sickle Grinders, Luther Grinder & Tool Co., Fond du Lac, Wis.
- FARMERS Friend Egg Carriers, Mit-Shel Stamping Mfg. Co., Quincy, Ill.
- FAST CUT Circular Saws, Diston (Henry) & Sons, Inc. (Tacony), Phila. Pa.
- FASTCUT Pocket Hones, Axe Stones, Sharpening Stones, Behr-Manning Corp., Troy, N. Y.
- FASTWIN Electric Clothes Washing Machines, Dexter Co., Fairfield, Iowa.
- FAULTLESS Barn Door Hangers, Hay Fork Pulleys, Hand Tank & Garden Sprayers, Hand Power Field Sprayers, Tank, Spray & Power Pumps, Deep Well Pumping Heads, Well Cylinders, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- FAULTLESS Casters, Cushion Glides & Caster Cups, Faultless Caster Corp., Evansville, Ind.
- FAULTLESS Clothes Washing Machines, Holland-Rieger Co., Sandusky, Ohio.
- FAULTLESS Conductor Pipe Hooks, Milcor Steel Co., S. 41st Ave. & Burnham, Milwaukee, Wis.
- FAULTLESS Pruning Shears, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.
- FAVORITE Ash Cans, Reeves Steel & Mfg. Co., Dover, Ohio.
- FAVORITE Coping Saws, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- FAVORITE Fishing Tackle Assortments, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- FAVORITE Plasterers' Trowels, Marshalltown Trowel Co., Marshalltown, Ia.
- FAVORITE Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- FAY-OH-RITE Valve Lifter, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- FEATHERWEIGHT Ice Creepers, Churchill Mfg. Co., 278 Thorndike, Lowell, Mass.
- FEATHERWEIGHT Plasterers' Trowels, Atkins (E. C.) & Co., Indianapolis, Ind.
- FEATHERWEIGHT Shovels, Spades, Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- FELLING Cross Cut Saws, Diston (Henry) & Sons, Inc. (Tacony), Phila. Pa.
- FELT CLINCHER Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- FELT-LESS Riding Saddle Pads, American Pad & Textile Co., Greenfield, O.
- FELTOLD Chair Tips, Bassick Co., Bridgeport, Conn.
- FENIX Fishing Spears, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- FERDICO Canvas Cement, Linoleum Cement, Ski Wax, Tile Cement, Trailer Top Cement, etc., Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass.
- FERDICO-JEFFERY'S Marine Cements, Liquid, Marine & Aviation Glass Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass.
- FERDICO-SEAMSEAL Deck & Hull Seam Cements, Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass.
- FERDICO STANZALL Joint Glue Casein Glue, Ferdinand (L. W.) Co., 599 Albany, Boston, Mass.
- FERN Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.
- FERROLITE Grinding Wheels, Atkins (E. C.) & Co., Indianapolis, Ind.
- FERROX Auger Bits, Auger Bit Sets, Irwin Auger Bit Co., Wilmington, O.
- FIBORE Manila Rope, Whitlock Cordage Co., 46 South, New York, N. Y.
- FIBRO FORGED Socket Screws, Hodge-Krome Screw Corp., Hartford, Conn.
- FIBROID Stove Putty, Pecora Paint Co., Lawrence & Venango, Phila. Pa.
- FIELD Barometric Draft Control, Conco Engineering Works, Mendota, Ill.
- FIELD KING Corn Hooks, North Wayne Tool Co., Oakland, Me.
- FIELD MASTER Rifles, Remington Arms Co., Inc., Bridgeport, Conn.
- FIELD Scythe Stones, Garden Trowels (British), Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.
- FILMKOTE Pistol & Rifle Cartridges, Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn.
- FILM-X Motor Oil, Apex Oil Products Co., 100 N. 17th Ave., Minneapolis, Minn.
- FINE INDIA Steel Scythes, Rixford Mfg. Co., East Highgate, Vt.
- FIRE FLY Sleds, Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila. Pa.
- FIRELINE Stove & Furnace Plastic Linings, Fireline Stove & Furnace Lining Co., 1859-H-D Kingsbury, Chicago, Ill.
- FIREZIST Plastic Stove Lining, Laclede-Christy Clay Products Co., 411 N. 7th, St. Louis, Mo.
- FIRM-FLEX Weatherstrip, Gardner Wire Co., 5045 W. Lake, Chicago, Ill.
- FIRST AID Fire Extinguishers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- FISHER Blacksmiths' Vises, Fisher & Norris, Trenton, N. J.
- FISHERMAN Outboard Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis.
- FISH-N-FLOAT Fishermen's Floats, Tucker Duck & Rubber Co., Fort Smith, Ark.
- FISH & HOOK Saws, Cabinet Scrapers, (Swedish) Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- FITLER Manila and Sisal Rope, Fitler (Edwin H.) Co., 5625 Tacony (Frankford), Phila. Pa.
- FITLER Standard Binder Twine, Fitler (Edwin H.) Co., 5625 Tacony (Frankford), Phila. Pa.
- FITZALL Lantern Globes, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- FITZ-ALL Open End Wrench Sets, Vilechek Tool Co., 3006 E. 87th, Cleveland, O.
- 518 IMPROVED Breast Chains, Midland Co., South Milwaukee, Wis.
- FIVE STAR Anti-Freeze Compounds, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- FIX FAST Rubber Cement, Auburn Rubber Corp., Auburn, Ind.
- FIXO Heel Plates, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- FLAME-FREEZE Oil Burning Refrigerators, Crowley Corp., 1829 Arlington, Cincinnati, Ohio.

- FLAME SEALED** Fence and Lawn Gates, Wire Fence, Poultry Fence, Poultry Wire Netting, Continental Steel Corp., Kokomo, Ind.
- FLANEMASTER** Asbestos Wicks, Triplewear Brake Lining Corp., 27 Kentucky Ave., Paterson, N. J.
- FLASH** Ice Skates & Shoes, Johnson (Alfred) Skate Co., 2846 W. North Ave., Chicago, Ill.
- FLASHLITE** Screw Drivers, Stanley Rule & Level Plant, New Britain, Conn.
- FLASHPIN** Fishing Leaders, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- FLAVOR ZONE** Electric Ranges, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- FLEETWAY** Power and Heavy Duty Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.
- FLEET-WHEEL** Hand Lawn Mowers, Rugg (E. T.) Co., Newark, Ohio.
- FLEETWIN** Outboard Motors, Evinrude Motors, Div. Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- FLESH-TINTED** Plate Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- FLETCHER** Glass Cutters, Glassers' Chisels & Drivers, Electric Putty Removers, Putty Knives, Glass Pliers, Interchangeable Stencils, Fletcher, Terry Co., Forestville, Conn.
- FLEXICO** Electric Lamp Guards, Flexible Steel Lacing Co., 4616 Lexington, Chicago, Ill.
- FLEXICO** H. D. Belt Fasteners, Belt Lacing, Flexible Steel Lacing Co., 4616 Lexington, Chicago, Ill.
- FLEXICO-LOK** Electric Lamp Guards, Flexible Steel Lacing Co., 4616 Lexington, Chicago, Ill.
- FLEXIGRIP** Round Belt Couplings, Armstrong-Bray & Co., 304 N. Loomis, Chicago, Ill.
- FLEXIBLE** Barn Door Hangers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- FLEXIBLE** Floor Varnish, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- FLEXIBLE FLYER** Sleds, Ski Bindings, Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila., Pa.
- FLEXIBLE FLYER-SPLITKEIN** Skis, Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila., Pa.
- FLEXIBLE** Garden Rakes, Kautenberg (W. E.) Co., Freeport, Ill.
- FLEXIBLE** Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- FLEXIBLE** Weatherstrip, Wirfs-Bosley Corp., 3242 N. California Ave., Chicago, Ill.
- FLEXIGUM** Roofing Compounds, Barrett Co., 40 Rector, New York, N. Y.
- FLEXLOY** Hack Saws, Capewell Mfg. Co., Hartford, Conn.
- FLEX-NEK** Hose and Nozzle Holders, Anker-Holth Mfg. Co., Inc., 2700 Corner, Port Huron, Mich.
- FLEXO** Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- FLEX-O-GLASS** Glass Substitute, Flex-O-Glass Mfg. Co., 1104 N. Cicero Ave., Chicago, Ill.
- FLEXO** Key Chains, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.
- FLEXO SLIDING** Door Track, Starline, Inc., Harvard, Ill.
- FLEXOLITE** Plasterers Trowels, Disston (Henry) & Sons, Inc. (Tacoma), Phila., Pa.
- FLEX-SEAL** Steam Pressure Cookers, Vischer Products Co., 413 North Orleans, Chicago, Ill.
- FLEX-TOP** Rubbish Burners, Cyclone Fence Co., Waukegan, Ill.
- FLEXY RACKER** Coaster Wagons, Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila., Pa.
- FLIGHT MASTER** Basket, Soccer & Volley Balls, Goldsmith (P.) Sons, Inc., John & Findlay, Cincinnati, Ohio.
- FLILITE** Floating Bass Bugs, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- FLINT** Edge Adzes, Axes, Hatchets, Hammers, Scythes, Kelly Axe & Tool Works of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- FLIT** Fly Repellents, Stanco Distributors, Inc., 2 Park Ave., New York, N. Y.
- FLOATING** HEAD Lawn Sprinklers, Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Ave., Niagara Falls, N. Y.
- FLOAT-RITE** Artificial Fish Bait, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- FLOORETTE** Varnishes, Glidden Co., Madison Ave. and Berea Rd., Cleveland, Ohio.
- FLOORSTONE** Flooring Underlayment, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.
- FLORAGARD** Insecticides, Grasselli Chemicals Dept. Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- FLORENCE** Kerosene & Range Oil Water Heaters, Baking Ovens, Electric Ranges, Gas Ranges, Oil Burning Units, Oil Burning Furnace, Ranges, Stoves, Heaters, etc., Florence Stove Co., Gardner, Mass.
- FLORHIDE** Floor Paints & Enamels, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- FLOTSUM** Files, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- FLUTED** Fishing Spoon, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- FLY-AWAY** Fly Repellents, Hammond Paint & Chemical Co., Beacon, N. Y.
- FLY-DEE** Insect Spray, Midway Chemical Co., Div. American Home Products Corp., 275 Cornhill Ave., Jersey City, N. J.
- FLYER** Bicycles, Osborn Corp., Elyria, Ohio.
- FLYER** Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- FLYER X** Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- FLYING CLOUD** Bicycles, Shelby Cycle Co., 110 Mack Ave., Shelby, Ohio.
- FLYING SCOUT** Roller Skates, Chicago Roller Skate Co., 4456 West Lake, Chicago, Ill.
- FLY SPORT** Fishing Lines, Ashaway Line & Twin Mfg. Co., Ashaway, R. I.
- FOLD E-WAY** Sliding & Folding Door Hardware, Richards Wilcox Mfg. Co., Aurora, Ill.
- FOLEY** Food Mills, Can Openers, Food Strainers, Lawn Mower Sharpeners, Saw Sharpeners, Foley Mfg. Co., 11 Main, N. E., Minneapolis, Minn.
- FOLDZ-TITE** Garage Door Hangers, Hinges & Hardware, Wagner Mfg. Co., Cedar Falls, Iowa.
- FONTINE** Washable Window Shades, Du Pont (E. I.) de Nemours & Co., Inc., Newburgh, N. Y.
- FO-PA-CO** Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- FORAMBA** Insecticides, Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.
- FORD** Charcoal Briquets, Camp Stoves, Ford Motor Co., By-Products Div., Dearborn, Mich.
- FORESTER** Cross-Cut and Pruning Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- FORESTER** Lopping Shears, Pruning Shears & Tree Pruners, Porter (H. K.) Inc., Everett, Mass.
- FOREST KING** Axes, Warren Axe & Tool Co., Warren, Pa.
- FORGWIN** Screw Drivers, Irwin Auger Bit Co., Wilmington, O.
- FOR-KEEPS** Cement, Enterprise Mfg. Co., Dept. HA, Akron, O.
- FORMACIDE** Formaldehyde Dust for Soil & Seeds, Hammond Paint & Chemical Co., Beacon, N. Y.
- FORMOST** Leader Wire, Enterprise Mfg. Co., Dept. HA, Akron, O.
- FORSTNER** Auger Bits, Wood Machine Bits, Progressive Mfg. Co., Torrington, Conn.
- FOSS SET** Paper Hangers, Paint & Varnish, Kalsomine, Dust, Glue, Roofing, Stucco, Artists & Paste Brushes, Wooster Brush Co., Wooster, O.
- FOUNTAIN** Spray Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- FOUR BROTHERS** Fishing Flies, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- FOURBROTHERS** Artificial Fish Bait, Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- FOUR-HOLE** CHOKER Rat & Mouse Traps, Animal Trap Co. of America, Little, Pa.
- FOUR HUNDRED** Coal Ranges, Allen Mfg. Co., Inc., Nashville, Tenn.
- FOUR HUNDRED** Rip Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- FOWLER** Sash Curtain Rods, American Wire Fabrics Co., 500 5th Ave., New York, N. Y.
- FOX** Guns, Savage Arms Corp., Utica, N. Y.
- FOX** Spades & Scoops, American Fork & Hoe Co., Cleveland, Ohio.
- FOY'S** Dry-Fast Automobile Top Dressing, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- FOY'S** Exterior Primer, Primers, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- FOY'S** Paints, Lacquers, Roof Cements, Enamels, Metal & Wax Polishes, Paint & Varnish Removers, Stains, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- FRANCO** Flashlights, Batteries, Bond Electric Corp., New Haven, Conn.
- FRANKLIN** Liquid Hide Glue, Franklin Glue Co., 1157 Cleveland Ave., Columbus, O.
- FRANKLIN-UNION** Horse Shoe Nails, Capewell Horse Nail Co., Hartford, Conn.
- FRANTZ** Builders Hardware, Frantz Mfg. Co., Sterling, Ill.
- FRASER** Bush Hooks, Scythes, Grass Hooks, Grain Sickles, Hedge Shears (British), Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.
- FRASER** DUTCH Scuffle Hoes (British), Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.
- FRESPEED** Reel, Enterprise Mfg. Co., Dept. HA, Akron, O.
- FRENCH** Fruit & Vegetable Slicers, Landers, Frary & Clark, New Britain, Conn.
- FRESCOAT** Kalsomine, Alabastine Co., 1645 Grandville Rd., Grand Rapids, Mich.
- FREZO** Ice Cream Freezers, Peerless Freezer Co., Winchendon, Mass.
- FRIGIDAIRE**, Electric Refrigerators & Units, Air Conditioners, Milk & Cream Coolers, Electric Ranges, Electric Ironers & Washing Machines, Water Coolers, etc., Frigidaire Corp., Dayton, Ohio.
- FRISKY** Artificial Fish Bait, Enterprise Mfg. Co., Dept. H. A., Akron, O.
- FROG** Pork Rind Bait Strips, American Fork & Hoe Co., Keith Bldg., Cleveland, O.
- FROG** Wigglers Artificial Fish Bait, American Fork & Hoe Co., Geneva, O.
- FROGIL** Gas Ranges, Oil Burning Circulating Heaters, Gray & Dudley Co., Nashville, Tenn.
- FULLER** Calf Wearers, Imperial Bit & Snap Co., Racine, Wisc.
- FULTON** Match Boxes, Fire Shovels, Hardware Specialties, Mops, Brushes, Screen Duster & Painters, etc., Patent Novelty Co., Inc., Fulton, Ill.
- FULTON'S** PLANTABBS Plant Food and Fertilizers, Plantabbs Co., 1 W. Biddle, Baltimore, Md.
- FURNASEAL** Plastic Fire Brick for Oil Burners, Stokers, etc., Laclede-Christy Clay Products Co., 411 N. 7th, St. Louis, Mo.
- FYER** Wall Fire Doors, Richards Wilcox Mfg. Co., Aurora, Ill.

G

- G** Pipe Fittings, Electrical Fittings, Grabler Mfg. Co., 5555 B'way, Cleveland, O.
- G-E** Air Circulators, Oil Burning Furnaces, General Electric Co., Bloomfield, N. J.
- G-E** Electric Appliances and Electric Equipment, General Electric Co., 1235 Boston Ave., Bridgeport, Conn.
- G-E ELECTRIC** MOTORS, General Electric Co., 1 River Road, Schenectady, N. Y.
- G-E** Electric Refrigerators, Ranges, Water Heaters, Dishwashers, Disposal, Water & Beverage Coolers, General Electric Co., Nela Park, Cleveland, O.
- G. L. Oil** Cans, Lidsen (Gustave), Inc., 830 S. Central Ave., Chicago, Ill.
- G-MAN** Toy Pistols, Daisy Mfg. Co., 414 Union, Plymouth, Mich.
- GAFF** Fish Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- GAINADAY** Clothes Washing Machines, Meadows Mfg. Co., Bloomington, Ill.
- GALE** Electric Refrigerators, Air Conditioners, Outboard Boat Motors, Gale Products Div., Outboard Marine & Mfg. Co., Galesburg, Ill.
- GALENA** Motor Oil, Galena Oil Corp., 405 Butler Cincinnati, Ohio.
- GALVANNEAL** Plain & Galvanized Wire, Mid-States Steel & Wire Co., Crawfordsville, Ind.
- GALVANOID** Screen Wire Cloth, American Wire Fabrics Corp., 500 Fifth Ave., New York, N. Y.
- GALVANOID** Screen Wire Cloth, Wickwire Spencer Steel Co., 500 Fifth Ave., New York, N. Y.
- GALVANUM** Galvanized Iron Paints, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.
- GAMECOK** Spades & Scoops, American Fork & Hoe Co., Cleveland, O.
- GAME JR** Oil Lamp Stoves, Cleveland Lock Works, Inc., Div. Consolidated Iron-Steel Mfg. Co., 1290 E. 53rd, Cleveland, O.
- GAMEMASTER** Rifles, Remington Arms Co., Inc., Bridgeport, Conn.
- GARALUN** Abrasive Paper and Cloth, Armour Sandpaper Works, 1855 W. 31st, Chicago, Ill.
- GARDEN** CITY Clothes Lines, Silver Lake Co., 99 Chauncy, Boston, Mass.
- GARDEN** CITY Hammers and Hatchets, Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill.
- GARDEN** CITY Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- GARDEN** CLUB Shrubbery Protectors and Flower Holders, Carpenter (E. W.) Mfg. Co., 1565 Railroad Ave., Bridgeport, Conn.
- GARDEN** GIRL Cake Covers, Japanned Ware, Garbage Receivers, Flake Soap & Cleanser Holders, Recipe Boxes, National Enameling & Stamping Co., Milwaukee, Wisc.
- GARDEN** KING Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- GARDEN** PRIDE Flower Cutting Shears, Acme Shear Co., 1000 Hicks, Bridgeport, Conn.
- GARDENER** Kerosene Ranges, Stoves, Florence Stove Co., Gardner, Mass.
- GARDENERS'** Special Grass Shears, American Steel Box Corp., 4600 Palmer, Chicago, Ill.
- GARDNER** Closet Augers, Screen Door Catches, Screen Door Closers & Springs, Coil Springs, Stair Nosings, Curtain Pole Sockets, Wire Belting, Thresholds, Gardner Wire Co., 5045 W. Lake, Chicago, Ill.
- GARDNER** Ideal Barn Equipment, Gardner Mfg. Co., Horicon, Wis.
- GARDNER** Radiator Covers, Shields, Sportsmen's Cabinets, Gardner Mfg. Co., Horicon, Wis.
- GARDNER-DENVER** Air Compressors and Pumps, Gardner-Denver Co., 102 Williamson, Quincy, Ill.
- GASKATEX** Gasket Cement, Van Cleef Bros., 7800 Frederick Ave., Chicago, Ill.
- GEAR-TOP** Bottle Cappers, Everedy Co., 6 East, Woodlawn, Md.
- GEET-TROLLING** Fishing Leaders, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- GEM** Barn Door Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- GEM-ROY** Clothes Racks, Clark (J. R.) Co., Minneapolis, Minn.
- GEM** Finger Nail Clippers, H. C. Cook Co., Ansonia, Conn.
- GEM** Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.



- GEM Flue Stoppers, Clark (J. L.) Mfg. Co., Rockford, Ill.  
 GEM Folding Step Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.  
 GEM Grinders, Western Products, Inc., Newcastle, Ind.  
 GEM Ice Shaves, North Bros. Mfg. Co., Lehigh Avenue & American, Phila., Pa.  
 GEM JR. Finger Nail Clippers, H. C. Cook Co., Ansonia, Conn.  
 GEM-LECTRIC Electric Dry Shaver, American Safety Razor Corp., 303 Jay, Brooklyn, N. Y.  
 GEM Pot & Kettle Scrapers, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.  
 GEM MICROMATIC Safety Razor and Safety Razor Blades, Gem Safety Razor Corp., 62 Lawrence, Brooklyn, N. Y.  
 GEM Mitre Boxes, Alaska Freezer Co., Winchendon, Mass.  
 GEM Mop Stick, Arcade Mfg. Co., Freeport, Ill.  
 GEM Padlocks, Master Lock Co., 926 W. Juneau Ave., Milwaukee, Wis.  
 GEM Safety Razors & Blades, American Safety Razor Corp., 303 Jay, Brooklyn, N. Y.  
 GEM Step Ladder, Babcock (W. W.) Co., Bath, N. Y.  
 GEM Wire Stretchers, Ney Mfg. Co., Canton, Ohio.  
 GENERAL ELECTRIC Mazda Lamps, General Electric Co., Nela Park, Cleveland, Ohio.  
 GENERAL Purpose Extension Ladder, Babcock (W. W.) Co., Bath, N. Y.  
 GENERAL SKRATCHSTIK Mar and Scratch Remover, General Cement Mfg. Co., 1041 Kilborn Ave., Rockford, Ill.  
 GENERAL Washington Circulating Coal or Wood Heaters, Gray & Dudley Co., Nashville, Tenn.  
 GENUINE Cuttybunk Line, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 GENUINE Hercules Post Hole Diggers, C-K-R Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 GENUINE Hickory Handles, Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky.  
 GENUINE Iwan Post Hole Augers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.  
 GENUINE VIXEN Milled Tooth Files, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.  
 GEORGE WASHINGTON Ranges, Gray & Dudley Co., Nashville, Tenn.  
 GEP Steel Fishing Rods, Gephart Mfg. Co., 224 W. Illinois, Chicago, Ill.  
 GERM-ALL Disinfectants, Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 GIANT AUTOMATIC GRAPPLE, Horse Grapple, Harpoon Hay Forks, etc., Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 GIANT Barn Door Hangers, Hay Carrier Slings, Stalls & Stanchions, Starline, Inc., Harvard, Ill.  
 GIANT Barn Door Hangers, Sliding Door Track, Gasoline Engine Sprayers, Hand Cart Sprayers, Tank Pumps, Power Spray Pumps, Pump Jacks, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 GIANT Bull Nose Rings, Seymour Smith & Son, Inc., Oakville, Conn.  
 GIANT DUPLEX Horse Drawn Sprayers, Myers (F. E.) & Bro. Co., Ashland, O.  
 GIANT Farm Gates, Mid-States Steel & Wire Co., Crawfordsville, Ind.  
 GIANT GRIP Drive, Screw & Rubber Heel Calks, Pitching Shoes, Horse & Mule Shoes, Chain Hooks, Truck & Auto Chains, Tow Lines, Electric Welders, Staple Puller and Crate Opener, Giant Grip Mfg. Co., Oshkosh, Wis.  
 GIANT Hoe, American Fork & Hoe Co., Keith Bldg., Cleveland, O.  
 GIANT Insecticide Dusters, Smith (D. B.) & Co., Utica, N. Y.  
 GIANT LYNX Bicycle Tires, Mansfield Tire & Rubber Co., Mansfield, O.  
 GIANT Metal Sash Chain, Smith & Egge Div. of Turner & Seymour Mfg. Co., Torrington, Conn.  
 GIANT Screen Door Braces, Daniel (Edward W.) Co., 4062 St. Clair Ave., Cleveland, O.  
 GIANT Shingles, Barrett Co., 40 Rector, New York, N. Y.  
 GIANT Street Brooms, Amsterdam Broom Co., Amsterdam, N. Y.  
 GIANT STAR Fence & Wire Stretchers, Rope Holsts, Tackle Blocks, Starline, Inc., Harvard, Ill.  
 GIANT STAR JR. Fence & Wire Stretchers, Starline, Inc., Harvard, Ill.  
 GIANT TRIPLEX Horse Drawn Sprayers, Gasoline Engine Sprayers, Potato Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 GIBBS Hose Nozzles and Hose Menders, Allen (W. D.) Mfg. Co. 566 W. Lake, Chicago, Ill.  
 GIBBS Post Hole Diggers, C-K-R Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 GIBBS Two Hole Diggers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.  
 GIBBS TWO TRIGGER Animal Traps, Animal Trap Co. of America, Little, Pa.  
 GIBALTAR Brushes, Pittsburgh Plate Glass Co., Brush Division, Baltimore, Md.  
 GIBSON Electric Refrigerators, Electric Ranges, Gibson Electric Refrigerator Corp., Greenville, Mich.  
 GIDGEE Sheep Shears (British), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 GILLESPIE Paints, Shingle Stains, Varnishes, Gillespie Varnish Co., 131 Dey, Jersey City, N. J.  
 GILLETTE Safety Razors, Electric Dry Shavers, Gillette Safety Razor, 15 W. 1st, Boston, Mass.  
 GLASS-O-NET Glass Substitute, Flex-O-Glass Mfg. Co., 1104 N. Cicero Ave., Chicago, Ill.  
 GLASS SEAT Well Cylinders, Myers (F. E.) & Bro. Co., As'and, Ohio.  
 GLAZ-FABRIK Glass Substitute, Sol-O-Lite Mfg. Co., 1451 N. Cicero Ave., Chicago, Ill.  
 GLEANER Lawn Edgers & Trimmers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.  
 GLIDE Barn Door Hangers, Overhead Trolleys & Tracks, Frantz Mfg. Co., Sterling, Ill.  
 GLIDE Garden Hose, Goodyear Tire & Rubber Co., 1114 Market, Akron, Ohio.  
 GLIDDEN Barbed Wire, American Steel & Wire Co., Rockefeller Bldg., Cleveland, Ohio.  
 GLIDDEN Barbed Wire, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 GLIDE-OVER Overhead Type Garage Door Hardware, Wagner Mfg. Co., Cedar Falls, Ia.  
 GLIDTITE Galvanized Iron Paint, Glidden Co., Madison Ave. & Berea Rd., Cleveland, O.  
 GLOBAR Electric Heating Elements, Carborundum Co., Niagara Falls, N. Y.  
 GLOBE Artificial Fish Bait, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 GLOBE Coal and Oil Burning Circulating Heaters, Coal and Wood Ranges, Globe American Corp., Kokomo, Ind.  
 GLOBE Ladders, Flint (A. W.) Co., New Haven, Conn.  
 GLORIOUS Power Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.  
 GLORIOUS TRIPLEX Horse Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.  
 GLORY Wood Heaters, Milcor Steel Co., S. 41st Ave. & Burnham, Milwaukee, Wis.  
 GLOW-BOY Coal Circulating Heaters, Globe American Corp., Kokomo, Ind.  
 GLOW-MAID Coal and Wood Ranges, Globe American Corp., Kokomo, Ind.  
 GLYPTAL Household Cement, General Electric Co., 1285 Boston Ave., Bridgeport, Conn.  
 GO-DRAIN Drain Pipe Cleaner, Goulard & Olena, Inc., 140 Liberty, New York, N. Y.  
 GOLD BAND Cement Coated Nails, Pittsburgh Steel Co., Union Trust Bldg., Pittsburgh, Pa.  
 GOLD BOND Corn Brooms, Amsterdam Broom Co., Amsterdam, N. Y.  
 GOLD BUG Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 GOLD DEVIL Pot Cleaners, Smith (Landon P.), Inc., 130 Coit, Irvington, N. J.  
 GOLD LABEL Hose Nozzles, Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 GOLD MEDAL Bicycles, Harris (D. P.), Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y.  
 GOLD MEDAL Files & Rasps, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 GOLD MEDAL Fishing Leaders, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 GOLD MEDAL Repairs for Cream Separator, Associated Manufacturers Inc., Waterloo, Ia.  
 GOLD RIBBON Shovels, Spades, & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 GOLD SEAL Felt Base Rugs and Hall Runners, Congoleum-Nairn Inc., Kearny, N. J.  
 GOLD STRAND Screen Wire Cloth, American Wire Fabrics Corp., 500 Fifth Ave., New York, N. Y.  
 GOLD STRAND Screen Wire Cloth, Wickwire Spencer Steel Co., 500 Fifth Ave., New York, N. Y.  
 GOLD STRIPE Paint Brushes, Pittsburgh Plate Glass Co., Brush Division, Baltimore, Md.  
 GOLD TIP Glass Cutter, Fletcher, Terry Co., Forestville, Conn.  
 GOLDEN CLIPPER Scythes, Rixford Mfg. Co., East Highgate, Vt.  
 GOLDEN Cream Separators, De Laval Separator Co., 165 Broadway, New York, N. Y.  
 GOLDEN EAGLE Squeezes, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 GOLDEN GLOW Chamols, American Sponge & Chamols Co., Inc., 41 Ann New York, N. Y.  
 GOLDEN OAK Leather Soles & Heels, Sole Strips, Wilder & Company, 1046 N. Crosby, Chicago, Ill.  
 GOLDEN ROD Screen Wire Cloth, Hanover Wire Cloth Co., Hanover, Pa.  
 GOLDEN RULE Flexible Steel Rules, Waterbury Lock & Specialty Co., Milford, Conn.  
 GOLDEN SEAL Squeezes, Dennis (W. J.) Co., 2110 W. Lake, Chicago, Ill.  
 GOLDEN Squeezes, Greenview Mfg. Co., 2557 Greenview Av., Chicago, Ill.  
 GOLDEN WEST Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 GOLDSMITH Athletic Equipment, Goldsmith (P.) Sons, Inc., John & Findlay Cincinnati, Ohio.  
 GOLDYLOCKS Metal Pot Cleaners, Metal Textile Corp., 4 Central Ave., West Orange, N. J.  
 GOLF WONDER Mowers, Townsend Lawn Mowers Co., Bloomfield, N. J.  
 GOOD Gasoline & Kerosene Engines, Stover Mfg. & Engine Co., Prospect, Ill.  
 GOOD LUCK Fruit Jar Rubbers, Garden Hose, Hose Washers, Etc., Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 GOODELL PRATT Mechanics Tools, Millers Falls Co., Greenfield, Mass.  
 GOODYEAR Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 GOODYEAR Garden Hose, Goodyear Tire & Rubber Co., Akron, Ohio.  
 GOOSENECK Pruning Shears, Porter (H. K.), Inc., Everett, Mass.  
 GOTHAM Laths & Stands, Star Heel Plate Co., Louis Sacks, Inc., 387 Wilson Ave., Newark, N. J.  
 GRADY Axe Wedges, Smith (Landon P.) Inc., 130 Coit, Irvington, N. J.  
 GRAND AVIA Clamps, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.  
 GRAND Door Holders & Ventilating Sash Locks, Door Knobs, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.  
 GRAND LEADER Axes, Evansville Tool Works, Div. of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 GRAND RAPIDS Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.  
 GRAND Universal Hand Lawn Mower, Blair Mfg. Co., Springfield, Mass.  
 GRANGER Electric Clothes Washing Machines, Voss Bros. Mfg. Co., Davenport, Ia.  
 GRANGER Scythe Stones, Behr-Manning Corp., Troy, N. Y.  
 GRANITE Razor Hones, Behr-Manning Corp., Troy, N. Y.  
 GRANITE STATE DUO-DISC Garden Tool for Weeding, Cultivating and Edging, Granite State Mowing Machine Co., Hinsdale, N. H.  
 GRANITE STATE Lawn Mowers, Lawn Edgers & Trimmers, Granite State Mowing Machine Co., Hinsdale, N. H.  
 GRAPE & Rose Dust Fungicide, Hammond Paint & Chemical Co., Beacon, N. Y.  
 GRAPH-AIR Graphite Guns, Dixon (Joseph) Crucible Co., Wayne & Mouth, Jersey City, N. J.  
 GRAPHIDE Roof Paint, Johnston (B. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, O.  
 GRASELLI Spray and Dust Products, Grasselli Chemicals Dept. Du Pont (E. I.) De Nemours & Co., Inc., Wilmington, Del.  
 GRAY CHARTER OAK Brand Blasting Fuses, Ensign-Bickford Co., Sharnbury, Conn.  
 GRAY-DIAMOND WELDED FABRIC Netting, Wickwire Bros., Cortland, N. Y.  
 GREAT AMERICAN Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.  
 GREAT AMERICAN METEOR Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.  
 GREAT NECK Screw Drivers, Great Neck Saw Mfrs., Inc., Great Neck, L. I.  
 GREAT WESTERN Cream Separators, Anker-Holth Mfg. Co., Inc., 2700 Corner, Port Huron, Mich.  
 GREAT WESTERN Files & Rasps, Nicholson File Co., Providence, R. I.  
 GREAT WESTERN Wire Stretchers, Ney Mfg. Co., Canton, Ohio.  
 GRECIAN Electric Coffee Urns, Westinghouse Electric & Mfg. Co., Massfield, Ohio.  
 GREEN BACK Floor Brushes, Osborn Mfg. Co., Cleveland, Ohio.  
 GREEN BIRD Grass Hooks, Winsted Mfg. Co., Inc., Winsted, Conn.  
 GREEN BOTTOM Lawn Fence and Gates, Wire Fence, Continental Steel Corp., Kokomo, Ind.  
 GREEN END Zig-Zag Rules, Stanley Tools Div., Stanley Works, New Britain, Conn.  
 GREEN Hand Lawn Mowers, Ideal Power Lawn Mower Co., 455 Kalamazoo, Lansing, Mich.  
 GREEN HANDLE Glass Cutters, Fletcher, Terry Co., Forestville, Conn.  
 GREEN LABEL Tool Steel, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.  
 GREEN MOUNTAIN Axes, Rixford Mfg. Co., East Highgate, Vt.  
 GREEN MOUNTAIN Scythe Stones, Behr-Manning Corp., Troy, N. Y.  
 GREENFIELD Pipe & Bolt Stocks & Dies, Greenfield Tap & Die Corp., Greenfield, Mass.  
 GREEN STRIPE Flint Abrasive Paper, Clover Mfg. Co., Norwalk, Conn.  
 GREEN TIPT Garden Rakes, Rugg Mfg. Co., Greenfield, Mass.  
 GREENLEE Bits, Chisels, Gouges, Extension Bit Holders, Spiral Screw Drivers, Automatic Push Drills, Turning Tools, Greenlee Tool Co., Rockford, Ill.  
 GREYHOUND Padlocks, Master Lock Co., 926 Juneau Ave., Milwaukee, Wis.  
 GRIFFIN Fishing Lines, Ashaway Line & Twine Mfg. Co., Ashaway, R. I.  
 GRIFFIN Hinges & Wrought Steel Hardware, Griffin Mfg. Co., Erie, Pa.  
 GRIP-ALL Fruit Jar Wrenches, Bottle Openers, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.

- GRIPALL Combination Pliers, Krauter & Co., Inc., 585 18th Ave., Newark, N. J.
- GRIP-IT Combination Pliers, Krauter Co., Inc., 585 18th Ave., Newark, N. J.
- GRIMES Kitchen Saws, Ohlen-Bishop Co., Columbus, Ohio.
- GRIPPER Clip Broom, Mop & Tool Holders, Gibson Good Tools, Inc., Orange, Mass.
- GRIP-ROOT Garden & Lawn Weeder, Animal Trap Co. of America, Little, Pa.
- GRIPSTICK Broom Holders, Colson Corp., Elyria, Ohio.
- GRIP-TITE Combination Pliers, Krauter Co., Inc., 585 18th Ave., Newark, N. J.
- GRIP-TITE Reel Band, Enterprise Mfg. Co., Dept. HA, Akron, O.
- GRISWOLD Cooking Utensils, Griswold Mfg. Co., Erie, Pa.
- GRO-MOR Brooders, Makomb Steel Products Co., Macomb, Ill.
- GROUND HOG Shovels, Spades & Scoops, Hamlin Metal Products Co., 58 W. Exchange, Akron, Ohio.
- G T D Countersinks, Pipe Cutters, Drills, Tap & Die Holders, Reamers, Stocks & Dies, Taps, Pipe Threaders, Pipe Vises, Wrenches, Screw Plates, Wood Machine Bits, Metal Saws, Gages, Machinists & Mechanics Tools, etc., Greenfield Tap & Die Corp., Greenfield, Mass.
- GUILDSANDER Portable Electric Bench Sander, Syracuse Guild Tool Co., 1720 N. Salina, Syracuse, N. Y.
- GULF Electric Motor Oil, Spot Remover, Fly Repellent and Tick Killer, Livestock Spray, Screw Worm Killer, Penetrating Oil, etc., Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.
- GULF GLEAM Automobile, Furniture and Floor Polishes, Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.
- GULFOIL Household Lubricating Oil, Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.
- GULF LUSTERTONE PRESERVER, Automobile, Furniture and Floor Wax Polish, Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.
- GULF LUSTERTONE REJUVENATOR, Automobile Cleaner, Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.
- GULF Permanent Anti-Freeze Compounds, Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.
- GULFSpray Insect Killer, Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.
- GULFSTEEL Barbed Wire and Wire Fence, Republic Steel Corp., Republic Bldg., Cleveland, Ohio.
- GULFWAX Preserving Wax, Gulf Oil Corp., 541 Gulf Bldg., Pittsburgh, Pa.
- GUND Stuffed Toy Dolls and Animals, Gund Mfg. Co., 40 W 20th, New York, N. Y.
- GUPSEY Windlasses, Laughlin (Thomas) Co., 199 Fore, Portland, Me.
- H & B INVINCIBLE Golf Clubs, Hillerich & Bradshy Co., Louisville, Ky.
- H. B. Dredge Chains, American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.
- H. O. Furniture Slides, Domes of Silence, Inc., 35 Pearl, New York, N. Y.
- H & R Shotguns, Revolvers, Handcuffs, etc., Harrington-Richardson Arms Co., Worcester, Mass.
- H. W. K. Weed Killers, Hammond Paint & Chemical Co., Beacon, N. Y.
- HACK DEVIL Axes, Warren Tool Corp., Warren, Ohio.
- HADWIN Shovels, Spades, & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- HALF AND HALF Circular Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- HALIBUT Fish Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- HALLMARK Kalsomine, Reardon Co., St. Louis, Mo.
- HALTER Camp Grills, Salamanders, Steel Mortar Boxes, Stone Anchors, Halter (Jacob) Sons Co., 2604 Walton Ave., Cleveland, O.
- HAMLIN Dutch Ovens, Frying Pans, etc., Hamlin Metal Products Co., Inc., 58 W. Exchange, Akron, Ohio.
- HAMMER TO HAMMER Revolvers, Johnson's (Iver) Arms & Cycles Wks., Fitchburg, Mass.
- HAMMOND'S Insecticides, Fungicides, Paints, Putty, etc., Hammond Paint & Chemical Co., Beacon, N. Y.
- HAME-HANDL Screw Drivers, Crescent Tool Co., Jamestown, N. Y.
- HANDA Wheelbarrows, American Steel Scraper Co., Sidney, O.
- HANDEE Fish Stringers, Consolidated Sales Co., 418 W. 7th, Cincinnati, O.
- HANDEE Portable Electric Grinders, Wood Carvers, Workshop, Drill Presses, Lathes, Shapers, etc., Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill.
- HANDE-MOP Dust Mops, Midway Chemical Co., Div. American Home Products Corp., 275 Cornhill Ave., Jersey City, N. J.
- HANDE-PAK HOOK Fishing Tackle Assortments, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- HAND HONED Axes, Kelly Axe & Tool Works of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- HAND MADE Axes, Hatchets, Hammers, Grass Hooks, Kelly Axe & Tool Works of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- HAND TRAP Target Traps, Western Cartridge Co., Dept. 1-50, East Alton, Ill.
- HANDI-CART Garden Cart, Masters Planter Co., 4129-A W. Lake, Chicago, Ill.
- HANDIFOUR Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4464 N. 27th, Milwaukee, Wis.
- HANDI-LITE Floodlight, Kees (F. D.) Mfg. Co., Beatrice, Neb.
- HANDIPADS Paper Pad Targets, Daisy Mfg. Co., 414 Union, Plymouth, Mich.
- HANDITORCH Alcohol & Gasoline Automatic Torches, Turner Brass Works, Sycamore, Ill.
- HANDIWIN Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- HANDLE DEVIL Pot Cleaners, Smith (Landon P.), Inc., 130 Coit, Irvington, N. J.
- HANDY ANDY Grinders, Behr-Manning Corp., Troy, N. Y.
- HANDY ANDY Key Chain & Screw Driver, Gibson Good Tools, Inc., Orange, Mass.
- HANDY-ANDY Portable Vise Stands, Western Wire Products Co., 1415 S. 18th, St. Louis, Mo.
- HANDY ANDY Screw Drivers, Gibson Good Tools, Inc., Orange, Mass.
- HANDY ANDY Shovels, Scoops and Weed Cutters, Union Fork & Hoe Co., Columbus, Ohio.
- HANDY ANN Clothes Line Reels, Nutmeat Grinders, Patent Novelty Co., Fulton, Ill.
- HANDY-BOY Clothes Racks, Clark (J. R.) Co., Minneapolis, Minn.
- HANDY Clothes Lines, Rugz (E. T.) Co., Newark, Ohio.
- HANDY DOG Hand Horse Clippers, American Shearer Mfg. Co., Nashua, N. H.
- HANDY Door Guards, Corner Braces, C-K-R Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- HANDY Electric Attachment Plugs, Albany Sales Co. of N. Y., Inc., 216 E. 45th, New York, N. Y.
- HANDY Extension Ladders, Flint (A. W.) Co., New Haven, Conn.
- HANDY Garden Hose Hangers, Ohio Stove Pipe & Mfg. Co., 2104 Woodland Ave., Cleveland, Ohio.
- HANDY Grass & Hedge Shears, Seymour Smith & Son, Inc., Oakville, Conn.
- HANDY GRIP Oil & Gasoline Cans, Eagle Mfg. Co., Wellsburg, W. Va.
- HANDY Hack Saw Frames, Ackermann, Steffan & Co., 4309 Palmer, Chicago, Ill.
- HANDY Hand Tank Sprayers, Garden Sprayers, Potato Sprayers, Spray Pumps, Hand Cart Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- HANDY Hedge Shears, Seymour Smith & Son, Inc., Oakville, Conn.
- HANDY Hose Holder, Gardener's Friend Co., Div. of Cooke-Roberts Corp., Orange, Mass.
- HANDY Package Household Sand Paper & Emery Cloth, Behr-Manning Corp., Troy, N. Y.
- HANDY Pump Oilers, Eagle Mfg. Co., Wellsburg, W. Va.
- HANDY Roll for Metal Sanding, Behr-Manning Corp., Troy, N. Y.
- HANDY Scythes, Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.
- HANDY Soldering Set, Barrett, Wm. L., Bristol, Conn.
- HANDY Stepladder Stools, Clark (J. R.) Co., Minneapolis, Minn.
- HANDYMAN Ratchet Screw Drivers, Spiral Ratchet Screw Drivers, Accessory Packs, Chucks, Drills and Countersinks, North Bros. Mfg. Co., Lehigh Ave. & American, Phila., Pa.
- HANISCH Harness Buckles, Midland Co., South Milwaukee, Wis.
- HANSON Frog Harness, Enterprise Mfg. Co., Dept. HA, Akron, O.
- HANSON Scales & Balances, Hanson Scale Co., 523 North Ada, Chicago, Ill.
- HAPPY DAY Clothes Washing Machines, National Sewing Machine Co., Belvidere, Ill.
- HARD ARKANSAS Sharpening Stones, Behr-Manning Corp., Troy, N. Y.
- HARD-WEAR Leather Soles & Heels, Wilder & Company, 1038 N. Crosby, Chicago, Ill.
- HARDWEAR Shovels, Spades and Scoops, Ames Baldwin Wyoming Co., Parkersburg, W. Va.
- HARP Spinners, Enterprise Mfg. Co., Dept. HA, Akron, O.
- HARRISON Fish Hooks (British), Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.
- HART Pliers and Ticket Punches, Barrett, Wm. L., Bristol, Conn.
- HARTFORD Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- HARTFORD GLASGLIDE, Glass Casters, Furniture Slides, Collins (Geo. F.) & Co., Sapulpa, Okla.
- HARTFORD GLASPULL, Glass Drawer Pull, Collins (Geo. F.) & Co., Sapulpa, Okla.
- HARVARD Casters, Bassick Co., Bridgeport, Conn.
- HARVARD Hay Rack Fixtures, Clamps, Stock Tank Heaters, Hay Carrier Slings, Starline, Inc., Harvard, Ill.
- HARVEST KING Foot Power Grindstones, Barea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- HARVEST QUEEN Scythe Stones, Barea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cincinnati, O.
- HARVESTER Electric Grinders, Barea Abrasives, Div. Cleveland Quarries Co., 1134 Bldrs. Exch. Bldg., Cleveland, O.
- HARVESTER Hay Carriers & Slings, Hay Loaders, Hay Unloading Tools, Hay Carrier Tracks, Starline, Inc., Harvard, Ill.
- HAWK Bill Pocket Snips, Peck, Stow & Wilcox Co., Southington, Conn.
- HAWKEYE Baskets, Burlington Basket Co., Burlington, Ia.
- HAWRYLASZ Squeezes, Kautenberg (W. E.) Co., Freeport, Ill.
- HAWTHORNE Barbed Wire, Keystone Steel & Wire Co., Peoria, Ill.
- HAYMAKER Hay Carriers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- H-B Dredge Chain, American Chain Co., Bridgeport, Conn.
- HEALTHIFIER Radiator Air Moistener, Patent Novelty Co., Fulton, Ill.
- HEALTHY Vegetable Juice Extractors, New Standard Corp., Mt. Joy, Pa.
- HEARTHMAX Castable Refractory for Oil Burners and Stoker Use, Laclede-Christy Clay Products Co., 411 N. 7th, St. Louis, Mo.
- HEATH PATTERN Hay Knives, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- HEATFLO WASHINGTON Oil Burning Heater, Gray & Dudley Co., Nashville, Tenn.
- HEATROLA Warm Air Furnaces, Estate Stove Co., South Ave., Hamilton, Ohio.
- HEAT SEAL Weatherstrip, Wirtz-Bosley Corp., 3242 N. California Ave., Chicago, Ill.
- HEAVY DUTY Dumb-Walters, Energy Elevator Co., 217 New, Phila., Pa.
- HEAVY DUTY Floor Brushes, Osborn Mfg. Co., Cleveland, Ohio.
- HELJESTRAND Razors (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- HELLER Files, Rasps, Tools & Steel, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.
- HELMET Shovels, Spades, & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- HELPMATE Corn Brooms, Amsterdam Broom Co., Amsterdam, N. Y.
- HELYX Floor Screw Nails, Concrete Screw Nails, Drive Screw Nails, Hillwood Mfg. Co., 21715 St. Clair Ave., Cleveland, O.
- HEMMING Fish Hooks (British), Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.
- HEN CHICK Poultry Wire, Netting & Fence, Wickwire Bros., Cortland, N. Y.
- HENDRYX Ladder Chains, Bridgeport Chain & Mfg. Co., Bridgeport, Conn.
- HENRY Cross Cut Saws, Deaton (Henry) & Sons, Inc. (Tacooy), Phila., Pa.
- HENSCHL Rolled Glass Substitute, Henschel (C. B.) Mfg. Co., 229 W. Mineral, Milwaukee, Wis.
- HERALD Hand Horse Clippers, American Shearer Mfg. Co., Nashua, N. H.
- HERCOMITE Dynamite, Hercules Powder Co., Inc., Wilmington, Del.
- HERCOTOL Dynamite, Hercules Powder Co., Inc., Wilmington, Del.
- HERCULES Axes, Collins Co., Collinsville, Conn.
- HERCULES Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- HERCULES Foot Power Grindstones, Barea Abrasives Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- HERCULES Glass Knobs, Collins (Geo. F.) & Co., Sapulpa, Okla.
- HERCULES Hand Lawn Mower, Blair Mfg. Co., Springfield, Mass.
- HERCULES Hand & Wind Mill Pumps, Power Deep Well Pumping Heads, Power Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- HERCULES Hickory Handles, Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky.
- HERCULES Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.
- HERCULES Post Hole Diggers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- HERCULES Post Hole Digger, Shovels, Spades & Scoops, C-K-R Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- HERCULES Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- HERCULES Screw Drivers, Stanley Tools, Div. of Stanley Works, New Britain, Conn.
- HERCULES Scythes, Rixford Mfg. Co., East Highgate, Vt.
- HERCULES Stringer, Enterprise Mfg. Co., Dept. HA, Akron, O.
- HERCULITE Polished Plate Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- HERKIMER Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.
- HERRINGBONE Door Mats, Durable Mat Co., 777 Brook, Akron, Ohio.
- HEX-A-CON Electric Soldering Irons, Electric Burning Brands, Hexacon Electric Co., 161 W. Clay Ave., Roselle Park, N. J.
- HEX Emery Wheel Dressers, Desmond-Stephan Mfg. Co., Urbana, Ohio.
- HEXAGON Post Hole Diggers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- HEXAGON Poultry Wire Netting, Wickwire Bros., Cortland, N. Y.
- HEXAGONAL Shingles, Barrett Co., 40 Rector, New York, N. Y.
- HEX-CEL Poultry Netting, American Steel & Wire Co., Rockefeller Bldg., Cleveland, Ohio.

- HEX-CEL Poultry Netting, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
- HEX-M Marine Hardware, Maine Steel, Inc., S. Portland, Me.
- HEXTRALINE Wire Poultry Netting, American Steel & Wire Co., Rockefeller Bldg., Cleveland, Ohio.
- HI-CARBON Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- HIAWATHA Axes, Warren Axe & Tool Co., Warren, Pa.
- HIAWATHA Electric Ranges, Standard Electric Mfg. Corp., Toledo, Ohio.
- HICKORY Special Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- HI CUT Deluxe Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- HI-DIAL Bathroom Scales, Hanson Scale Co., 525 N. Ada, Chicago, Ill.
- HID-IN Clips, V-W Co., 208 Oak, Columbus, Ohio.
- HIGGINS Casement Window Adjusters, Higgins & Page, Inc., Brighton Station, Rochester, N. Y.
- HIGH-BOY Clothes Racks, Clark (J. R.) Co., Minneapolis, Minn.
- HIGH GLOSS Paints, Lowe Bros. Co., Dayton, Ohio.
- HIGH SPEED Electric Clothes Washing Machines, Voss Bros. Mfg. Co., Davenport, Ia.
- HIGH SPEED Hand Saws, Ohlen-Bishop Co., Columbus, Ohio.
- HIGH SPEED Steel Hack Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- HIGH STANDARD House Paint, Lowe Bros. Co., Dayton, Ohio.
- HIGH VELOCITY Rifle Cartridges & Shot Gun Shells, Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn.
- HIGHWAY RED—Red Lead Paint, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.
- HILL BROS. Sickles (British) Graham (John H.) & Co., Inc., 118 Chambers, New York, N. Y.
- HILO Barn Door Hangers, Overhead Trolleys & Tracks, Frantz Mfg. Co., Sterling, Ill.
- HI-LO Camp Stoves, Union Steel Products Co., Albion, Mich.
- HI-LOY Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- HINDOSTAN Axe Stones, Sharpening Stones, Behr-Manning Corp., Troy, N. Y.
- HINGE-JOINT Poultry Fence, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- HIPPO Screw Drivers, Bridgeport Hdw. Mfg. Co., Bridgeport, Conn.
- HI-POWER Portable Electric Grinders, Wood Carvers, Routers, etc., Chicago Wheel & Mfg. Co., 1101 W. Monroe, Dept. EE, Chicago, Ill.
- HI-QUALITY Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- HI-SKOR Cartridges, Remington Arms Co., Inc., Bridgeport, Conn.
- HI-SPEED Cartridges, Remington Arms Co., Bridgeport, Conn.
- HI-TEMPER Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- HI-TEST Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- HI-WAY Drag Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.
- HKP Bolt & Rivet Clippers, Chain Cutters, Rivet Squeezers, Bar & Wire Rod Cutters, Lopping Shears, Metal Shears, Pruning Shears, Tree Pruners, etc., Porter (H. K.) Inc., Everett, Mass.
- HODELL BAR-REINFORCED Non-Skid Tire Chains, Hodell Chain Co., 3934 Cooper Ave., Cleveland, Ohio.
- HODELL Chains, Cattle and Horse Ties, Dog Leads, Non Skid Tire Grip Chains, etc., Hodell Chain Co., 3934 Cooper Ave., Cleveland, Ohio.
- HODELL REGULAR Non-Skid Tire Chains, Hodell Chain Co., 3934 Cooper Ave., Cleveland, Ohio.
- HOLDFAST Gaffs, Enterprise Mfg. Co., Dept. HA, Akron, O.
- HOLDFAST Lure & Mouse Traps, Animal Trap Co. of America, Little, Pa.
- HOLDFAST Wash Strip, Gardner Wire Co., 5045 W. Lake, Chicago, Ill.
- HOLD HEAT Soldering Coppers, Turner Brass Works, Sycamore, Ill.
- HOLD-MORE Garment Hangers, Imperial Bit & Snap Co., Racine, Wis.
- HOLD TITE Bottle Openers, Bottle Stoppers, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.
- HOLD TITE Clothes Line Holders, Imperial Bit & Snap Co., Racine, Wis.
- HOLLOW BACK Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- HOLLYMADE Plastic Furniture, Knobs and Drawer Pulls, Pacific Plastic & Mfg. Co., Inc., 5446 Carlton Way, Hollywood, Cal.
- HOLLYWOOD Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- HOLTITE Brass & Copper, Machine Screws, Square & Hexagon Nuts, Carriage & Stove Bolts, Stove & Chair Rods, Drive, Machine, Knob, Wood, Hand Rail, Dowel, Lag, Sheet Metal and Cap Screws, Countersunk Washers, Tubular & Clinch Rivets, Metal Slitting Saws, etc., Continental Screw Co., New Bedford, Mass.
- HOLTITE-PHILLIPS Recessed Head Screws & Bolts, Continental Screw Co., New Bedford, Mass.
- HOME COMFORT Weatherstrip, Wirtz-Bosley Corp., 8242 N. California Ave., Chicago, Ill.
- HOME MECHANIC Circular Saws, Ohlen-Bishop Co., Columbus, Ohio.
- HOME MECHANICS Hand Saws, Ohlen-Bishop Co., Columbus, Ohio.
- HOMESTEAD Axes and Hatchets, Collins Co., Collinsville, Conn.
- HOMESTEAD Ice Cream Freezer, Alaska Freezer Co., Inc., Winchendon, Mass.
- HOMESTEAD JR. Ice Cream Freezers, Alaska Freezer Co., Inc., Winchendon, Mass.
- HOME WEATHER Weather Strip, Chamberlin Metal Weatherstrip Co., Inc., 1254 La Brosse, Detroit, Mich.
- HONEST WEIGHT Carpet Tacks, Atlas Tack Corp., Fairhaven, Mass.
- HOOK Roof and Shingling Brackets, Ajax Building Bracket Co., 1551 Rydal Mount Rd., Cleveland Heights, Ohio.
- HOOKER Crate Opener, Bridgeport Hardware Mfg. Co., Bridgeport, Conn.
- HOPTOIT Artificial Fish Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- HORIGUM Fungicides, Hammond Paint & Chemical Co., Beacon, N. Y.
- HORSE HEAD Strip Zinc, Slab Zinc, New Jersey Zinc Co., 160 Front St., New York, N. Y.
- HORSESHOE BRAND Brushes, Pittsburgh Plate Glass Co., Brush Division, Baltimore, Md.
- HORSESHOE MAGNET Tack, Upholsterers & Bill Posters, Hammers, Gibson Good Tools, Inc., Orange, Mass.
- HORTON Washing Machines & Electric Ironers, Horton Mfg. Co., Fort Wayne, Ind.
- HOSPRAY Hose Holders, Wright Products Mfg. Corp., 2101 Kennedy, N. E., Minneapolis, Minn.
- HOTESS Cafeteria Trays, West Bend Aluminum Co., West Bend, Wis.
- HOT BLAST Wood Heaters, Reeves Steel & Mfg. Co., Dover, Ohio.
- HOT DONUT Electric Water Heaters, Autonaut Laboratories, Inc., 105 W. Madison, Chicago, Ill.
- HOTBLAST Gasoline & Kerosene Blow Torches, & Furnaces, Turner Brass Works, Sycamore, Ill.
- HOTPOINT Electric Appliances, etc., General Electric Co., 1285 Boston Ave., Bridgeport, Conn.
- HOTPOINT Electric Dishwashers, Ranges, Refrigerators, Water Heaters, Clothes Washing Machines, Ironers, Edison General Electric Appliance Co., Inc., 5600 W. Taylor, Chicago, Ill.
- HOTSTREAM Electric, Gas, Fuel Oil Burning Water Heaters, Hotstream Heater Co., 8001 Grand Ave., Cleveland, Ohio.
- HOT WATER Laundry Stoves, Gray & Dudley Co., 222—3rd Ave., N., Nashville, Tenn.
- HOTTENTOT Axes, Kelly Axe & Tool Works of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- HOUSEHOLD Ice Cream Freezer, Alaska Freezer Co., Inc., Winchendon, Mass.
- HOWDY Sinkers, Enterprise Mfg. Co., Dept. HA, Akron, O.
- HOWE Step Ladder, Babcock (W. W.) Co., Bath, N. Y.
- HOYT Bar & Wire Solder, Metal Babbitt, Bearing Metal, National Lead Co., 111 Broadway, New York, N. Y.
- H & R SHOT Guns, Revolvers, Handcuffs, etc., Harrington & Richardson Arms Co., Worcester, Mass.
- HUBBARD SOCKET SHANK Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- HUBBARD'S CRUCIBLE Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- HUBBARD'S HARD WEAR Shovels, Spades, Scoops, Ames, Baldwin Wyoming Co., Parkersburg, W. Va.
- HUMIDIGUIDE Humidity Instruments & Hygrometers, Taylor Instrument Companies, Rochester, N. Y.
- HUMIDIMETER Humidity Instruments & Hygrometers, Rochester Mfg. Co., Inc., Rochester, N. Y.
- HUMIDITHERM Humidity Instruments & Hygrometers, Rochester Mfg. Co., Inc., Rochester, N. Y.
- HUMIDOME Air Conditioner, Alter (Harry) Co., 1728 S. Michigan Ave., Chicago, Ill.
- HUMMER Tool, Knife & Sickle Grinders, Luther Grinder & Tool Co., Food du Lac, Wis.
- HUMPHREY Tooted Hoes, North Wayne Tool Co., Oakland, Me.
- HUNT'S Axes, Axes, Grub Hoes & Mattocks, Picks, Kelly Axe & Tool Works of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- HUNTER Hand Horse Clippers, American Shearer Mfg. Co., Nashua, N. H.
- HUNTINGTON Emery Wheel Dressers, Desmond-Stephan Mfg. Co., Urbana, Ohio.
- HURWOOD Awls, Screwdrivers, Stanley Tools, Div. of Stanley Works, New Britain, Conn.
- HUSKY Electric Hand Lanterns, Delta Electric Co., 33 & Nebraska, Marion, Ind.
- HUSKY HELPER Chicken Coop & Sidewalk Scrapers, Hamilton Metal Products Co., 68 W. Exchange, Akron, Ohio.
- HUSKY Ice Cream Freezers, Ice Cube Breakers, Pea Shellers, Ice Tong, Conco Engineering Wks., Mendota, Ill.
- HUSKY Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- HY-BAR Wrenches, Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.
- HYDEX Oil Cloth Knives, Hyde Mfg. Co., Southbridge, Mass.
- HYDRO Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- HYDRONON Dampproofing Coating & Plaster Bond, Barrett Co., 40 Baxter, New York, N. Y.
- HYD-SPD Circular Blades, Hyde Mfg. Co., Southbridge, Mass.
- HYGRADE Compass Saws & Hack Saws, Thompson (Henry G.) & Son Co., New Haven, Conn.
- HY-LO Hot Blast Lanterns, Tubular Lanterns, Diets (R. E.) Co., 60 Laight, New York, N. Y.
- HY-LO Vacuum Bottles, Aladdin Industries, Inc., 223 W. Jackson Blvd., Chicago, Ill.
- HY-OWA Bolt & Rivet Clippers, Porter (H. K.) Inc., Everett, Mass.
- HY-POWER Cotter Pin Extractor and Pliers, Krauter & Co., Inc., 585 18th Ave., Newark, N. J.
- HY-POWER Timmers' Snips, Pruning Shears, Wiss (J.) & Sons Co., 33 Littleton Ave., Dept. H., Newark, N. J.
- HY-TEST Shears, Acme Shear Co., 150 Joseph, Bridgeport, Conn.
- I. B. M. Roofing Cement, Asphalt Paint, Roof Paint, Furnace Cement & Roof Coatings, Foster (Benjamin) Co., 20th & Erie Ave., Philadelphia, Pa.
- I. D. L. Steel & Wood D Shovel Handles, Union Fork & Hoe Co., Columbus, Ohio.
- ICEBERG Ice Cream Freezer, Alaska Freezer Co., Inc., Winchendon, Mass.
- ICE KING Ice Skates & Shoes, Johnson (Alfred) Skates Co., 2846 W. North Ave., Chicago, Ill.
- ICE-O-METER Thermometers, Schreiber Thermometer Co., 21 W. 30th St., New York, N. Y.
- ICE QUEEN Jugs, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.
- ICY-HOT Vacuum Bottles & Vacuum Bottle Lunch Kits, American Thermos Bottle Co., Norwich, Conn.
- IDEAL Bass Fly Gaff Hooks, Enterprise Mfg. Co., Dept. HA, Akron, O.
- IDEAL Belt Dressing, Allen (W. D.) Mfg. Co., 568 W. Lake, Chicago, Ill.
- IDEAL Chain Wrenches, Pipe Tongs, Armstrong Bros. Tool Co., 300 N. Francisco Ave., Chicago, Ill.
- IDEAL Extension Ladders, Rich Ladder Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- IDEAL Fence Posts, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- IDEAL Fence Posts, American Steel & Wire Co., Rockefeller Bldg., Cleveland, Ohio.
- IDEAL Fruit Jars, Pressure Cookers, Ball Bros. Co., Muncie, Ind.
- IDEAL Grass Hooks, Garden Rakes, C-K-R Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- IDEAL GREENSMOWER Hand Lawn Mowers, Roller Mowers, Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich.
- IDEAL Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- IDEAL Hand Lawn Mowers, Heinicke & Co., 1900 S. 8th, Springfield, Ill.
- IDEAL Hedge Trimmers, Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.
- IDEAL House Paint, Watson (John R.) Paint Co., 3103 Beaubien, Detroit, Mich.
- IDEAL Inspectors Lanterns, Diets (R. E.) Co., 60 Laight, New York, N. Y.
- IDEAL JUNIOR Triplex Power Lawn Mowers, Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich.
- IDEAL Lawn Mowers, Reading Hdw. Corp., Reading, Pa.
- IDEAL Lawn Mower Grinders, Hand Riveting Machines, Lawn Mower Sharpeners and Skate Attachments, Fate-Root-Heath Co., 1333 High, Plymouth, Ohio.
- IDEAL MAJESTIC Power Lawn Mowers, Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich.
- IDEAL MASTER Power Lawn Mower, Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich.
- IDEAL Pressure Steam Cookers, Roasters, Aluminum Ware, Swartsbaugh Mfg. Co., Toledo, Ohio.
- IDEAL Pump Jacks, Stover Mfg. & Engine Co., Freeport, Ill.
- IDEAL Reloading Tools, Lyman Gun Sight Corp., 55 West, Middlefield, Conn.
- IDEAL Screen Corners, Screen Hangers, Meat Tenderers, Hardware Specialty Co., Tiffin, Ohio.
- IDEAL SUBURBAN Power Lawn Mowers, Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich.
- IDEAL Squeezers, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- IDEAL TRIPLEX Power Lawn Mowers, Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich.
- IDEAL Upset Swages, Atkins (E. C.) & Co., Indianapolis, Ind.
- IDEAL VICTOR Power Lawn Mowers, Ideal Power Lawn Mower Co., 425 Kalamazoo, Lansing, Mich.
- IGLOO Ice Cream Freezers, Conco Engineering Works, Mendota, Ill.



- ILCO Blank Keys, Latches, Locks, Padlocks, Key Rings, Keyhole Guards, Bottle Openers, Key Cutting Machines, Key Chains, Skate Keys, Key Cases, etc., Independent Lock Co., Fitchburg, Mass.
- ILCO UNIVERSAL Key Cutting Machines, Independent Lock Co., Fitchburg, Mass.
- ILCO JR Screen Door Closers, Independent Lock Co., Fitchburg, Mass.
- ILCO SENIOR Screen Door Closers, Independent Lock Co., Fitchburg, Mass.
- I. J. TARGET Revolvers, Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.
- ILLINOIS Force Cups, Williams-Bowman Rubber Co., 1939 S. 54th Ave., Cicero, Ill.
- IMCO Glass Cutters, Smith (Landon P.) Inc., 130 Coit, Irvington, N. J.
- IMP Hand Saws, Diaston (Henry) & Sons, Inc. (Tacony), Philadelphia, Pa.
- IMPERIAL Abrasive Papers, Minnesota Mining & Mfg. Co., 791 Forest St., St. Paul, Minn.
- IMPERIAL Bucket Pumps, Hay Carriers, Hay Unloading Tools, Hand Power Field Sprayers, Spray Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- IMPERIAL Drag Scrapers, American Steel Scraper Co., Sidney, O.
- IMPERIAL Floor and Wall Dusters, Tate (E. N.) Co., 251 Causeway, Boston, Mass.
- IMPERIAL Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- IMPERIAL Ladders, Flint (A. W.) Co., New Haven, Conn.
- IMPERIAL MAINTAINER House Mail Boxes, Patent Novelty Co., Fulton, Ill.
- IMPERIAL Paint Brush Cleaner, Automobile & Furniture Polish, Automobile Top & Upholstery Dressings, Polishing Wax, Wilson-Imperial Co., 115 Chestnut, Newark, N. J.
- IMPERIAL Shovels, Spades & Scoops, American Fork & Hoe Co., Cleveland, Ohio.
- IMPERIAL Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- IMPERIAL Spoon, Enterprise Mfg. Co., Dept. HA, Akron, O.
- IMPERIAL Sprinkling Stands, Clothes Closet Rods, Imperial Bit & Snap Co., Racine, Wis.
- IMPERIAL Wire Fences, Farm Gates, Lawn Fence & Gates, Spring Steel Wire, Fence Posts, Flower Bed Borders, Poultry Fence Trellis, Indiana Steel & Wire Co., Muncie, Ind.
- IMPROVED Barrel Pumps, Well Cylinders, Hand Power Field Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- IMPROVED Bay State Apple Parers, Goodell Co., Antrim, N. H.
- IMPROVED CHAMPION Drag Scrapers, American Steel Scraper Co., Sidney, O.
- IMPROVED DUPLEX Key Cutting Machine, Independent Lock Co., Fitchburg, Mass.
- IMPROVED Fire Place Dampers, Stover Mfg. & Engine Co., Freeport, Ill.
- IMPROVED GLORIOUS Power Lawn Mowers, Gang Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- IMPROVED Minute Key Cutting Machinery, Independent Lock Co., Fitchburg, Mass.
- IMPROVED SCHLUETER Electric Floor Sanding & Surfacing Machines, Lincoln-Schlueter Floor Machine Co., 212 W. Grand Ave., Chicago, Ill.
- IN-A-DOOR Automatic Spring Door Bottoms, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- IN-BILT Wall Ventilators, Victor Electric Products, Inc., 772 Reading Rd., Cincinnati, Ohio.
- INCINERITE Garbage Incinerators, Stearns (E. C.) & Co., Syracuse, N. Y.
- INDESTRO Wrenches & Mechanics Tools, Indestro Mfg. Corp., 2675 N. Kildare Av., Chicago, Ill.
- INDESTRUCTIBLE Paints, Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.
- INDIA Pocket Hones, Behr-Manning Corp., Troy, N. Y.
- INDIA WASHITA Sharpening Stones, Behr-Manning Corp., Troy, N. Y.
- INDIAN Fire Pumps, Smith (D. B.) & Co., Utica, N. Y.
- INDIAN POND Scythe Stones, Behr-Manning Corp., Troy, N. Y.
- INDIANA Fly Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- INDIANA Hack Saw Frames, Atkins (E. C.) & Co., Indianapolis, Ind.
- INDIANA Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- INDUSTRIAL So-Lo Belt Dressings, So-Lo Works, Cincinnati, Ohio.
- INNEEDA Flag Pole Brackets, Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.
- INGERSOLL Alarm Clocks, Ingersoll-Waterbury Co., Waterbury, Conn.
- INGERSOLL SPECIAL Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- INSO-WITE Paints, Tammis Silica Co., 228 N. La Salle, Chicago, Ill.
- INSULGRIP Insulated Handle Screw Drivers, Vlebek Tool Co., 3000 E. 87th, Cleveland, O.
- INSULOK-CROWNS Nut & Screw Bolt Caps, Rawlplug Co., Inc., 97 Lafayette, New York, N. Y.
- INTEGRITY Mechanics Hand Tools, Ritter-Carlton Co., Inc., 373 4th Ave., New York, N. Y.
- INTERLOCK Conductor & Eave Trough Pipe, Milcor Steel Co., So. 41st Ave. & W. Burnham, Milwaukee, Wis.
- INTERLOX Extension Rules, Master Rule Co., 817 E. 136th, New York, N. Y.
- INTERNATIONAL Binder Twine, Motor Trucks, International Harvester Co., Inc., 180 N. Michigan Ave., Chicago, Ill.
- INTEROCEAN Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- INTERSTATE Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- INTO-WITE Interior Cold Water Paints, Tammis Silica Co., 228 N. La Salle, Chicago, Ill.
- INVADER Grinding & Emery Wheels, Richards Wilcox Mfg. Co., Aurora, Ill.
- INVADER Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- INVINCIBLE Axes, Kelly Axe & Tool Works of The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- INVINCIBLE Carpet Tacks, Atlas Tack Corp., Fairhaven, Mass.
- INVINCIBLE Garden Cultivator, American Fork & Hoe Co., Keith Bldg., Cleveland, Ohio.
- INVINCIBLE Golf Balls, Hillerich & Bradsby Co., Louisville, Ky.
- INVINCIBLE Post Hole Diggers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- INVINCIBLE Post Hole Digger, C-K-R Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- INVINCIBLE Steel Fishing Rods, American Fork & Hoe Co., Geneva, O.
- INVISIBLE Joint Metal Ceilings, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- IOTA Alarm Clocks, New Haven Clock Co., New Haven, Conn.
- IOWA Cream Separators, Gasoline Engines, Associated Manufacturers, Inc., Waterloo, Ia.
- IOWA Plasterers' Trowels, Marshalltown Trowel Co., Marshalltown, Ia.
- IP Cod Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- IP HYDE Industrial Knives & Blades, Household Knives, Hyde Mfg. Co., Southbridge, Mass.
- IRON ARM Fish Hooks (British), Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.
- IRON CLAD Mortar & Brick Hods, Cleveland Wire Spring Co., E. 38th & Hamilton Ave., Cleveland, Ohio.
- IRON CLAD Steel Wire Brooms, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.
- IRON ENAMEL, for Stove Pipes, Iron Work, Screens, etc., Sheffield Bronze Powder & Stencil Co., 3000 Woodhill Rd., Cleveland, Ohio.
- IRON GLUE Liquid Glue, McCormick Sales Co., McCormick Bldg., Baltimore, Md.
- IRON HORSE Lighting Plants, Gasoline Engines, Johnson Motors Div. Outboard Marine & Mfg. Co., 1820 Pershing Rd., Waukegan, Ill.
- IRON KING Garden Cultivators & Garden Weeders, Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila., Pa.
- IRON KING Stock Tank Heaters, Starline, Inc., Harvard, Ill.
- IRONETTE Portable Electric Ironer, Barton Corp., West Bend, Wis.
- IRONHIDE Paints, Pittsburgh Plate Glass Co., Paints & Varnish Division, 456 Market, Milwaukee, Wis.
- IRONINGMASTER Ironing Tables, Clark (J. R.) Co., Minneapolis, Minn.
- IRONSET Furnace Cement, Fireline Stove & Furnace Lining Co., 1859-HD Kingsbury, Chicago, Ill.
- IROQUOIS Axes & Hatchets, Peck, Stow & Wilcox Co., Southington, Conn.
- IRWIN Augers, Bits, Screwdrivers, Irwin Auger Bit Co., Wilmington, Ohio.
- IRWINOID Screw Driver, Irwin Auger Bit Co., Wilmington, Ohio.
- IVANHOE Kerosene Stoves & Ranges, Perfection Stove Co., 7666 Platt Ave., Cleveland, Ohio.
- IVARY Bathroom Fixtures, Dish Drainers, Wire Baskets, Coat & Hat Hooks, etc., United Wire Goods Mfg. Co., 1150 B'way, New York, N. Y.
- IVER JOHNSON Shot Guns, Revolvers, Rifles, Bicycles, Velocipedes, etc., Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.
- IVOROID Ready Mixed Paints, Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa.
- IVORY KOTE Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- IVORY SHEEN Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- IWAN Post Hole Augers, Post Hole Diggers, Hay Knives, Barn & Poultry House Scrapers, Drain Tools, Sidewalk Scrapers, Snow Pushers, Iwan Bros., South Bend, Ind.

JUNIORCYCLES Juvenile Bicycles, Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.

JUNGLE KING Padlocks, Master Lock Co., 926 Juneau Ave., Milwaukee, Wis.

JUNIATA Axes, Collins Co., Collinsville, Conn.

JUNIATA Horse, Mule & Pony Shoes, Phoenix Manufacturing Company, Joliet, Ill.

JUNIOR Cold Blast Lanterns, Wagon Lanterns, Lantern Globes, Diets (R. E.) Co., 60 Laight, New York, N. Y.

JUNIOR Grass Hooks, North Wayne Tool Co., Oakland, Me.

JUNIOR Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.

JUNIOR Hand Lawn Mower, Blair Mfg. Co., Springfield, Mass.

JUNIOR Ice Cream Freezers, White Mountain Freezer Co., Inc., Nashua, N. H.

JUNIOR Lasso Rope, Plymouth Cordage Co., North Plymouth, Mass.

JUNIOR Metallic Measuring Tapes, Luffkin Rule Co., Saginaw, Mich.

JUNIOR O Roller Skates, Kingston Products Corp., Kokomo, Ind.

JUNIOR Padlocks, Master Lock Co., 926 Juneau Ave., Milwaukee, Wis.

JUNIOR Power Lawn Mowers, Jacobsen Mfg. Co., Racine, Wis.

JUNIOR Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.

JUNIOR Roof and Shingling Brackets, Ajax Building Bracket Co., 1551 Rydal Mount Rd., Cleveland Heights, Ohio.

JUNIOR SERIES Cream Separators, De Laval Separator Co., 165 B'way, New York, N. Y.

JUNIOR THIRTY 30 Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.

JUNIOR Watches, Ingersoll-Waterbury Co., Waterbury, Conn.

JUNIOR Wire Steel Brushes, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.

JUNO Wood Stove (Imported), Miller (Robert E.), Inc., 35 Pearl, New York, N. Y.

JUSTRITE Acetylene Gas & Sportsman's Lamps, Automatic Torches, Electric Lamps, Garbage Cans, Oily Waste Cans, Safety Non-Explosive Cans, Push Clips, Gasoline Soldering Irons, Oil Cups, Flint, Crochet Forks, Knitting Needles, Tatting Shuttles, etc., Justrite Mfg. Co., 2061 Southport Ave., Chicago, Ill.

JUSTRITE Compressed Air Hand Sprayers, Smith (D. B.) & Co., Utica, N. Y.

JUSTRITE Grinders, Western Products, Inc., New Castle, Ind.

JUSTRITE Hose Nozzles, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.

JUSTRITE Minnows, Enterprise Mfg. Co., Dept. HA, Akron, O.

JUSTRITE TIP-TOE Shoe Trees, Justrite Mfg. Co., 2061 Southport Ave., Chicago, Ill.

K

K Hand Lawn Mowers, Philadelphia Lawn Mower Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.

K D Window Screen Frames, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.

KFS Dog Food, Kennel Food Supply Co., Fairfield, Conn.

K M Electric Appliances, Windshield Defroster Fan, etc., Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.

K M HY-SPEED Egg and Cream Beaters, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.

K M SPEED Electric Drills, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.

K R B Hand Lawn Mowers, Philadelphia Lawn Mower Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.

K-R-O Rat Exterminators, K-R-O Co., Springfield, O.

K & E Measuring Tapes, Rules, Plumb Bobs, Pocket Compasses, Surveyor's Chains, etc., Keuffel & Esser Co., 300 Adams, Hoboken, N. J.

K & E Favorite Farm Levels, Keuffel & Esser Co., 300 Adams, Hoboken, N. J.

KALDURA Kalsomine, Sterling Paint & Varnish Co., Malden, Mass.

KALKOMO Kalsomine, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.

KALSO-LITE Paints, Kalsomine, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.

KAMPKOOK Gasoline Camp Stove, American Gas Machine Co., Inc., Albert Lea, Minn.

KANTARK Non-Renewable Cartridge Fuses, Trico Fuse Mfg. Co., Milwaukee, Wis.

KANTBREAK Knife Sharpeners, Behr-Manning Corp., Troy, N. Y.

KANTLINK Lock Washers, Beall Tool Div. Hubbard & Co., East Alton, Ill.

KANTSKRATCH Mops, Floor Polishers, Tucker Duck & Rubber Co., Fort Smith, Ark.

KANT-SPLASH Cartridges, Western Cartridge Co., Dept. 50, East Alton, Ill.

KAPTURE Bucktail Hooks, Enterprise Mfg. Co., Dept. HA, Akron, O.

KARTON KUTTER Carton Opener, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.

KASTLOK Door Latches, Cylinder Locks, Mortise & Rim Locks, Butt Hinges, Entrance Door Handles, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.

KAWARTHA Artificial Fish Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

KAYO Paint & Varnish Cleaners, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.

KEARNEY & FOOT Files & Rasps, Nicholson File Co., Providence, R. I.

KEELART Sinkers, Enterprise Mfg. Co., Dept. HA, Akron, O.

KEES Ice & Roller Skates, Screen and Storm Sash Hangers, Corn Huskers, Calf Weaners, Screen Corner Braces, Screen Door Guards, Metal Siding Corners, Kees (F. D.) Mfg. Co., Beatrice, Neb.

KEIL Locks, Door Closers, Door Knockers, Show Case Brackets, Sheaves, Track, Drawer Pulls, Hinges, Letter Boxes, Push Buttons, Bella Door Openers, Key Blanks, Key Cutting Machines, etc., Kell (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.

KEILSON INQUIRER, Kell (Francis) & Son, Inc., 401 E. 163rd, New York, N. Y.

KELLY PERFECT Axes, Hammers, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.

KELLY REGISTERED Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.

KELLY STANDARD Axes, Axes, Bush Hooks, Machetes, Hatchets, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.

KELTON Watches, Ingersoll-Waterbury Co., Waterbury, Conn.

KELVINATOR Electric Refrigerators, Ranges, Ironers, Water Heaters, Washing Machines, Water Coolers, Beverage Bottle Coolers, Air Conditioners, Oil Burners, Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich.

KENDALE Sash Cord, Puritan Cordage Mills, Louisville, Ky.

KENE Vitamin B1 for Plants, Acme Scientific Co., Richmond, Va.

KENNEBAGO Cross Cut Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

KENNEL King Hand Horse Clippers, American Shearer Mfg. Co., Nashua, N. H.

KENT FROG Artificial Fish Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

KER-O-LITE Mantle Kerosene Lamp, Coleman Lamp & Stove Co., Wichita, Kan.

KERO-O-STAT Brooders, Makomb Steel Products Co., Macomb, Ill.

KESTER JR Self Fluxing Solder, Kester Solder Co., 4208 Wrightwood Ave., Chicago, Ill.

KESTER Metal Mender Self Fluxing Solder, Kester Solder Co., 4208 Wrightwood Ave., Chicago, Ill.

KEYSTONE AXES, Collins Co., Collinsville, Conn.

KEYSTONE CHAMPION Cross Cut Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

KEYSTONE Files & Rasps, Band Saws, Hand Saws, Circular Saws, Wood Turning Tools, Cross Cut Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

KEYSTONE Hose Couplings, Garden Hose, Hose Nozzles, Lawn Sprinklers, Hose Menders, Faucet Adapters, Keystone Brass & Rubber Co., Broad & Lehigh Ave., Phila., Pa.

KEYSTONE Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.

KEYSTONE Lawn Rollers, Buch Mfg. Co., Elizabethtown, Pa.

KEYSTONE NARROW DIAMOND Cross Cut Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

KEYSTONE NARROW GREAT AMERICAN Cross Cut Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

KEYSTONE NARROW Plain Cross Cut Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

KEYSTONE Power Grindstone, Barea Abrasives Div. Cleveland Quarries Co., 1184 Builders Exch. Bldg., Cleveland, O.

KEYSTONE Shovels, Spades & Scoops, American Fork & Hoe Co., Cleveland, Ohio.

KEYSTONE Snow Pushers, Snow Shovels, Rugg Mfg. Co., Greenfield, Mass.

KICKAPOO Barbed Wire, Keystone Steel & Wire Co., Peoria, Ill.

KIDDY-KUMFY Juvenile Chairs, American Fork & Hoe Co., Keith Bldg., Cleveland, Ohio.

KIDNEY Pearl Fish Bait, Enterprise Mfg. Co., Dept. HA, Akron, O.

KING Axes and Hatchets, Nail Hammers, Collins Co., Collinsville, Conn.

KING Barn Door Hangers, Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.

KING Can Openers, Turner & Seymour Mfg. Co., Torrington, Conn.

KINGBEE Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

KINGFISH Minnow Pails, Mit-Sel Stamping Mfg. Co., Quincy, Ill.

KING Lawn Trimmers, Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.

KING OAK Coal & Wood Heaters, Oakland Fdry. Co., Belleville, Ill.

KINGWOOD Cutlery, Russell Harrington Cutlery Co., Southbridge, Mass.

KIRBY Bent Sea Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

KIRBY Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

KIRBY Packing Needles (British), Graham (John) & Co., Inc., 105 Duane, New York, N. Y.

KISKI Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.

KITCHEN DEVIL Pot Cleaners, Smith (Landon P.), Inc., 130 Coit, Irvington, N. J.

KITCHEN JEWEL Metal Pot Cleaners, Bronze Tinsel Mops, Metal Sponges, Sales Co., Lehigh Ave. & Mascher, Phila., Pa.

KITCHEN KOLOR Ice Pick, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.

KITCHEN QUEEN Coffee Maker, Hill-Shaw Co., 311 No. Des Plaines, Chicago, Ill.

KITCHEN VOGUE Japanned Ware, National Enameling & Stamping Co., Milwaukee, Wis.

KITCHENETTE Dust Pans, Patent Novelty Co., Fulton, Ill.

KITCHENKOOK Gasoline Stoves, Ranges, Oil Storage Tanks, Portable Ovens, Gasoline Burners, etc., American Gas Machine Co., Inc., Albert Lea, Minn.

KLEAN Clothes Lines, Columbian Rope Co., 352 Genesee, Auburn, N. Y.

KLEANBLADE Cutlery, Remington Arms Co., Inc., Bridgeport, Conn.

KLEANBRO Cartridge, Shot Gun Shells, & Shell Primers, Remington Arms Co., Inc., Bridgeport, Conn.

KLEAN-HEAT Radiator Air Moisteners, Humidifying Guards, Radiator Shields, Bomar Mfg. Co., 1114 Bardstown Rd., Louisville, Ky.

KLEANROL Soldering Flux, Grasselli Chemical Co., Inc., 629 Euclid Ave., Cleveland, Ohio.

KLEAN-RYTE Self Wringing Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.

KLEEN-A-BRUSH Cleaners, Sheffield Bronze Powder & Stencil Co., 1246 Euclid Ave., Cleveland, Ohio.

KLEEN-A-PAINT Paint & Varnish Cleaners, Sheffield Bronze Powder & Stencil Co., 4000 Woodhill Road, Cleveland, Ohio.

KLEENETTE Washing Machines, Horton Mfg. Co., Fort Wayne, Ind.

KLEEN Fish Scales, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

KLEENSEAL Grease Guns and Fittings, Lincoln Eng. Co., 5701 Natural Bridge Ave., St. Louis, Mo.

KLEEN SWEEP Garden or Lawn Rakes, Rugg Mfg. Co., Greenfield, Mass.

KLEENUP Spray Products, Grasselli Chemicals Dept. Du Pont (E. I.) De Nemours & Co., Inc., Wilmington, Del.

KLEIN Pliers, Tree Trimmers, Linemen's Tools, Tool Bags & Kits, Gasoline & Kerosene Blow Torches, Electricians' Knives, etc., Mathias Klein & Sons, 3200 Belmont Ave., Chicago, Ill.

KLEIN KORD Safety Belts, Mathias Klein & Sons, 3200 Belmont Ave., Chicago, Ill.

KLENOL Disinfectants, Midway Chemical Co., Div. American Home Products Corp., 257 Cornhill Ave., Jersey City, N. J.

KLENZAIR Air Conditioners, Swartzbaugh Mfg. Co., Toledo, Ohio.

KLIFFTON Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc. Primos, Del. County, Pa.

KLIPEC Weedless Hook, Enterprise Mfg. Co., Dept. HA, Akron, O.

KLONDIKE Ice Cream Freezers, Alaska Freezer Co., Inc., Winchendon, Mass.

KLONDIKE Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

KLOS KLIPS Spring Clip Clothes Pins, National Clothes Pin Co., Montpelier, Vt.

KLOSE KUT Hack Saw Frame, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.

KNAPP Electric Dry Shavers, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.

KNIFE-HANDLE Wrenches, Billings & Spencer Co., Hartford, Conn.

KNO GLOSS Flat Oil Paint, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.

KNOT CHOPPER Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.

KNOX-ALL Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.

KNOXALL Barn Door Hangers, Starline, Inc., Harvard, Ill.

KNOXALL Clothes Washing Machines, Brammer Mfg. Co., Davenport, Ia.

KNOXALL Forks, Hoes & Rakes, Ames Baldwin Wyoming Co., Parkersburg, W. Va.

KOENIG Razor Hones, Behr-Manning Corp., Troy, N. Y.

KOFEE-KOIL Coffee Filters, Koffee-Koil Sales Co., 508 United Artists Bldg., Detroit, Mich.

KOHLER Sidewalk Cleaner, Curry Combs, Lawn Edger & Trimmer, Weed-ing Hoes, Garden Hoes, Corn Planters, Snow Pushers, Furnace Scoops, Chicken Coop Scrapers, Snow Shovels, Garden Trowel, Fast Scalder, C-K-R Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.

KOKOMO KUTTER Weed Cutters, Kingston Products Corp., Kokomo, Ind.

KOLDAIR Electric Fans, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.

KOLOR KRAFT Bathroom Fixtures & Furnishings, American Enamel Products Co., Waukesha, Wis.

★ For Description of Products see Index starting on page 3 ★

- KOLOR-ROX** Cement Floor Dye, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.
- KOMB-KLEANED** Carpet Sweepers, Wagner (E. R.) Mfg. Co., 4611 N. 32nd, Milwaukee, Wis.
- KOMET** Grass Hooks, North Wayne Tool Co., Oakland, Me.
- KONATE** Insect Exterminators, American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, New York, N. Y.
- KONICAL** Roof Ventilator, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- KORMINS** Frogs, Enterprise Mfg. Co., Dept. HA, Akron, O.
- KORN KING** Feed & Corn Grinding Mills, Fate-Root-Heath Co., 1333 High, Plymouth, Ohio.
- KORK-O-TAN** Rug Holder, Behr-Manning Corp., Troy, N. Y.
- KORNU KOPIA KRUMB KAKE** Wafer Irons (Swedish), Sandvik Saw & Tool Corp., 109 Lafayette, New York, N. Y.
- KRACKIT** Nut Crackers, Stearns (E. C.) & Co., Syracuse, N. Y.
- KRAKNO** Fillers, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood) Cincinnati, Ohio.
- KRYSTAL-KOAT** Lacquers, General Cement Mfg. Co., 1041 Kilburn Ave., Rockford, Ill.
- KRUMBLESS** Bread Knives, Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
- KRUSTOFF** Stove Polish, Johnson's Laboratory, Inc., Worcester, Mass.
- KUEHN'S** Gutter Eave Trough, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- KUEHN'S** KORREKT KUTOFFS, Rain Water Cut Offs, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- KUEHN'S** SPECIALMESH Metal Lath, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- KUM-KLEEN** Gummed Labels, Avery Adhesives, 336 E. 4th, Los Angeles, Cal.
- KUMPAKT** Dry Shaver, Gillette Safety Razor Co., 15 W. 1st, Boston, Mass.
- KURE-A-LEKE** Roofing Compounds, Roof Coatings, Stelwagon Mfg. Co., 19th & Washington Ave., Phila., Pa.
- KUTALL** GLEANER Lawn Edger & Trimmer, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- KUTALL JR.** Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- KUTALL SR.** Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- KUTALL X** Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- KWIK-BAKE** Electric Baking Ovens, Griswold Mfg. Co., Erie, Pa.
- KWIK GATE** Electric Fence Gates, Accessories Mfg. Co., 4737 B'way, Chicago, Ill.
- KWIK KLIP** Electric Fence Insulator Clips, Accessories Mfg. Co., 4737 B'way, Chicago, Ill.
- KWIK-LITE** Asbestos Wicking, Asbestos Textile Co., Inc., 167 W. Wacker Drive, Chicago, Ill.
- KWIKOOL** Electric Fans, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.
- KWI-KUT** Concrete Drills, Krasuter & Co., 585 18th Ave., Newark, N. J.
- KWIK DRIP** Coffee Makers, West Bend Aluminum Co., West Bend, Wis.
- KWIK-LOK** Window Screens, National Screen Co., Inc., Suffolk, Va.
- KWIK SEAL** Gummed Tape, Thomas Products Co., 15473 Indiana Ave., Detroit, Mich.
- KWIKWAY** Electric Appliances, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.
- KYANIZE** Paints, Enamels, Oil Stains, Varnishes, etc., Boston Varnish Co., 529 Everett Station, Boston, Mass.
- KYANIZE VITA-COTE** Floor Polishers, Boston Varnish Co., 529 Everett Station, Boston, Mass.
- KYBRUN** Brown Paint, Boston Varnish Co., 529 Everett Station, Boston, Mass.
- KYGRON** Green Paint, Boston Varnish Co., 529 Everett Station, Boston, Mass.
- L**
- L. C. N.** Door Closers, Norton-Lasier Co., 466 W. Superior, Chicago, Ill.
- L. F. C.** Lemon Squeezers, Landers, Frary & Clark, New Britain, Conn.
- L Junior** Super 25 Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- L. O. F.** Window Glass, Greenhouse Glass, Plate & Safety Glass, Libbey-Owens-Ford Glass Co., 1228 Nichols Building, Toledo, Ohio.
- LACLEDE** Stove Putty & Furnace Cement, Laclede-Christy Clay Products Co., 411 N. 7th, St. Louis, Mo.
- LADD** Egg Beaters, Bread Cutters, Fruit Juice Extractors, United Royalties Corp., 1133 B'way, New York, N. Y.
- LAD-R-SHU** Ladder Shoes, Smith (Landon P.) Inc., 130 Coit, Irvington, N. J.
- LADY** Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- LADY'S** Aid Synthetic Rubber Gloves, Wells-Lamont Smith Corp., 1791 Howard, Chicago, Ill.
- LAFAYETTE** DE LUXE Hand Mowers, Heineke & Co., 1900 S. 8th, Springfield, Ill.
- LAFAYETTE** Electric Toasters, Landers, Frary & Clark, New Britain, Conn.
- LAFAYETTE** Hand Lawn Mowers, Heineke & Co., 1900 S. 8th, Springfield, Ill.
- LAG'S** Dog, Cat and Rabbit Repellents, Dog Wash, Dog Perfume, Dog Deodorizer, No Pups Wanted, Flea Powder, Rat and Mice Exterminators, Levy, G. Anderson, 631 Penn Ave., Pittsburgh, Pa.
- LAKE** Tahoe Spoon, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- LA MODE** Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.
- LAMSON** Bolts, Nuts, Cotter, Cap Screws, etc., Lamson & Sessions Co., 1971 W. 85th, Cleveland, Ohio.
- LAMSON** Cutlery, Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
- LANDERS** Carving Sets, Landers, Frary & Clark, New Britain, Conn.
- LANCE** Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- LANCE** Perforated Cross Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- LAQCAW** Paints, Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.
- LAQUEEN** Fishing Lines, Enterprise Mfg. Co., Dept. H.A., Akron, Ohio.
- LA SALLE** Hand Lawn Mowers, Heineke & Co., 1900 S. 8th, Springfield, Ill.
- LAST LONG** Rubber Soles and Heels, Van Cleef Bros., 7800 Woodland Ave., Chicago, Ill.
- LAST WORD** Artificial Fish Bait, Enterprise Mfg. Co., Dept. H.A., Akron, Ohio.
- LAST WORD** Dial Test Indicators, Starrett (L. S.) Co., Athol, Mass.
- LAST WORD** Hand Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- LASTEX** Swim Suits, Shoes, etc., United States Rubber Co., 1230 6th Ave., New York, N. Y.
- LAUGHLIN** Industrial & Marine Hardware, Laughlin (Thos.) Co., Portland, Me.
- LAUSON** Gasoline Engines, In and Outboard Boat Motors, Lauson Co., New Holstein, Wis.
- LAVAX** Auto Carriage & Coach Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- LAWN KING** Grass Hooks, North Wayne Tool Co., Oakland, Me.
- LAWN KING** Lawn Sprinklers, Keystone Brass & Rubber Co., Broad & Lehigh Ave., Phila., Pa.
- LAWNCOMB** Lawn Rakes, Union Fork & Hoe Co., Columbus, Ohio.
- LAWN GROOMER** Lawn Rakes, Stampit Corp., Brookfield, Ill.
- LAWNMASTER** Garden Rakes, C-K-R Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- LAWN MASTER** Lawn Sprinklers, National Brass Co., Grand Rapids, Mich.
- LAWN-MASTER** Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.
- LAWN-PEER** Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.
- LAWN QUEEN** Grass Hooks, North Wayne Tool Co., Oakland, Me.
- LAWN RAZOR** Grass Hooks, North Wayne Tool Co., Oakland, Me.
- LAWN TRIM** Grass Shears, American Steel Box Corp., 4600 Palmer, Chicago, Ill.
- LAYERBILT** Dry Batteries, National Carbon Co., 30 E. 42nd, New York, N. Y.
- LEAD ALL** Coping Saws, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- LEAD SEAL** Lead Headed Nails, Deniston Co., 4858 S. Western Ave., Chicago, Ill.
- LEADER** Apple Papers, Goodell Co., Antrim, N. H.
- LEADER** Barn Door Hangers, Wagner Mfg. Co., Cedar Falls, Ia.
- LEADER** Cobbler Outfits, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- LEADER** Folding Cots, Tucker Duck & Rubber Co., Fort Smith, Ark.
- LEADER** Garden Hose, Boston Woven Hose & Rubber Co., Cambridge, Mass.
- LEADER** Hand Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- LEADER** Shot Gun Shells, Winchester Repeating Arms Co., 275 Winchester Ave., New Haven, Conn.
- LEADER** Soldering Set, Barrett, Wm. L., Bristol, Conn.
- LEADER** Stayless Cartridges, Winchester Repeating Arms Co., New Haven, Conn.
- LEADER** SUPER SPEED Shot Gun Shells, Winchester Repeating Arms Co., 275 Winchester Ave., New Haven, Conn.
- LEADER** Tubular Sliding Door Track, Wagner Mfg. Co., Cedar Falls, Ia.
- LEADER** WASHINGTON JR. Toy Stoves, Gray & Dudley Co., 222 3rd Ave., N., Nashville, Tenn.
- LEE** Bread Crumbers, Goodell Co., Antrim, N. H.
- LEE** Knife Sharpeners, Landers, Frary & Clark, New Britain, Conn.
- LEE** Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- LEECHBURG** Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- LEE'S** Bung Spouts, Landers, Frary & Clark, New Britain, Conn.
- LEEDS** Electric Foot Switches, Walton Co., 100 Allyn, Hartford, Conn.
- LEGION** Lawn Mowers, Reading Hdw. Corp., Reading, Pa.
- LENEX** Hand Horse Clippers, American Shearer Mfg. Co., Nashua, N. H.
- LENOX** Hack Saws, Band Saws, Screw Drivers, Glass Cutters, etc., American Saw & Mfg. Co., Springfield, Mass.
- LEONARD** Electric Refrigerators, Leonard Div. Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich.
- LE PAGE'S** Cement Glue, Metal Polishers, Wall Size, Plastic Metal, Mucilage, Writing Inks, Le Page's, Inc., 144 Essex Ave., Gloucester, Mass.
- LEVELON** Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- LEVIN** Pruning Shears, Seymour Smith & Son, Inc., Oakville, Conn.
- LEWIS** Interchangeable Spinners, Enterprise Mfg. Co., Dept. HA, Akron, O.
- LIBERTY** Axes, Plumb (Fayette R.), Inc., 4837 James, Phila., Pa.
- LIBERTY** Coll Chain, Cleveland Chain & Mfg. Co., Cleveland, Ohio.
- LIBERTY** Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.
- LIBERTY** Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- LIBERTY** Wire Screen Cloth, New York Wire Cloth Co., 500 5th Ave., New York, N. Y.
- LIDSEEN** Oil Cans, Lideen (Gustave), Inc., 830 S. Central Ave., Chicago, Ill.
- LIFETIME** Garden Trowels, Allen (S. L.) & Co., Inc., 429 Glenwood Ave., Phila., Pa.
- LIFETIME** Aluminum Cooking Utensils, Aluminum Products Co., La Grange, Ill.
- LIFETIME** Stainless Steel Cooking Utensils, Stainless Steel Products Co., La Grange, Ill.
- LIFTO** Electric Waffle Irons, Samson-United Corp., Rochester, N. Y.
- LIGHTFOUR** Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- LIGHTNING** ADALOX Sandpaper and Emery Cloth, Behr-Manning Corp., Troy, N. Y.
- LIGHTNING** CLIPPER Hedge Shears, Seymour Smith & Son, Inc., Oakville, Conn.
- LIGHTNING** Corn Knives, Scythes, Hay Knives, North Wayne Tool Co., Oakland, Me.
- LIGHTNING** DURUNDUM Sandpaper and Emery Cloth, Behr-Manning Corp., Troy, N. Y.
- LIGHTNING** Fruit & Vegetable Slicers, Landers, Frary & Clark, New Britain, Conn.
- LIGHTNING** Garden Hand Sprayers, Potato Sprayers, Smith (D. B.) & Co., Utica, N. Y.
- LIGHTNING** Ice Chippers, Ice Breakers, Beverage Bottle Coolers, North Bros. Mfg. Co., Lehigh Ave. & American, Phila., Pa.
- LIGHTNING** METALITE for Metal Sanding, Behr-Manning Corp., Troy, N. Y.
- LIGHTNING** Post Hole Diggers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- LIGHTNING** Post Hole Diggers, C-K-R Div., American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- LIGHTNING** Wall Paper Remover, Warner Mfg. Co., Minneapolis, Minn.
- LIGHTWIN** Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- LIGHTWEIGHT** Bicycles, Shelby Cycle Co., Shelby, Ohio.
- LILY WHITE** Pocket Hones, Behr-Manning Corp., Troy, N. Y.
- LILY WHITE** WASHITA Sharpening Stones, Behr-Manning Corp., Troy, N. Y.
- LIMERIC** Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- LINCOLN** DOMESTIC Electric Floor Scrubbing, Waxing & Polishing Machines, Lincoln-Schlueter Floor Machine Co., 212 W. Grand Ave., Chicago, Ill.
- LINCOLN** Grease Guns & Lubricating Systems, Lincoln Engineering Co., 5701 Natural Bridge Ave., St. Louis, Mo.
- LINCOLN** Hand Lawn Mowers, Heineke & Co., 1900 S. 8th, Springfield, Ill.
- LINCOLN** SINGLE DISC Electric Floor Scrubbing, Waxing & Polishing Machines, Lincoln-Schlueter Floor Machinery Co., 212 W. Grand Ave., Chicago, Ill.
- LINCOLN** TWIN DISC Electric Floor Scrubbing, Waxing & Polishing Machines, Lincoln-Schlueter Floor Machinery Co., 212 W. Girard Ave., Chicago, Ill.
- LINDRECK** Paint Brushes, Wooster Brush Co., Wooster, O.
- LINDEX** Paints, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.
- LINDSAY** Blanket Pin, Perforated Pad Co., Woonsocket, R. I.
- LINDURO** Enamel Paints, Lowe Bros. Co., Dayton, Ohio.
- LIN-FLINT** Linoleum Varnish, Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.
- LINGERWETT** Paint & Varnish Removers, Wilson-Imperial Co., 115 Chestnut, Newark, N. J.
- LINKMASTER** Tire Chain Repair Tools, Porter (H. K.), Inc., Everett, Mass.
- LINOLA** Varnish, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- LINO-LINK** Mats, Burton Mat Co., 175 Belmont Ave., Brooklyn, N. Y.



- LIN-X Linoleum Floor Finish, Acme White Lead & Color Wks., 8250 St. Aubin Av., Detroit, Mich.
- LION Chain Door Fastener, Chelsea Metal Stamping Co., 95 8th Ave., New York, N. Y.
- LION Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- LION KUTALL Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- LION Leather Soles & Heels, Shoe Taps, Sole Strips, Wilder & Company, 1038 N. Crosby, Chicago, Ill.
- LIPPINCOTT Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1678 Euclid Ave., Cleveland, Ohio.
- LIQUID LITE Enamels, O'Brien Varnish Co., South Bend, Ind.
- LIQUID MASTER Rotary Pumps, Par-X Pump Corp., 400 Stinson Blvd., Minneapolis, Minn.
- LIQUID VELVET Floor and Wall Paint, O'Brien Varnish Co., South Bend, Ind.
- LITTLE BEAUTY Dumb-Waiters, Energy Elevator Co., 217 New, Phila., Pa.
- LITTLE BROWN Jugs, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.
- LITTLE DEFIANCE Cold Blast Lanterns, Tubular Lanterns, Lantern Globes, Embury Mfg. Co., Warsaw, N. Y.
- LITTLE DISH MOP Dish Mops, Tucker Duck & Rubber Co., Fort Smith, Ark.
- LITTLE GEM Toy Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.
- LITTLE GIANT Bush Hooks, Corn Hooks, Grass Hooks, Corn Knives, Scythes, Grass Shears, Weed Cutters, North Wayne Tool Co., Oakland, Me.
- LITTLE GIANT Clamp Fixtures & Press Screws, Adjustable Clamp Co., 411 N. Ashland Ave., Chicago, Ill.
- LITTLE GIANT Corn Shellers, Fate-Root-Heath Co., 1833 High, Plymouth, Ohio.
- LITTLE GIANT Cold Blast Lanterns, Tubular Lanterns, Diets (R. E.) Co., 60 Lighthouse, New York, N. Y.
- LITTLE GIANT Dumb-Waiters, Energy Elevator Co., 217 New, Phila., Pa.
- LITTLE GIANT Fence & Wire Stretchers, Starline, Inc., Harvard, Ill.
- LITTLE GIANT Hand Power Field Sprayers, Spray Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- LITTLE GIANT Nest of Saws, Ohlen-Bishop Co., Columbus, Ohio.
- LITTLE GIANT Padlocks, Master Lock Co., 926 Juneau Ave., Milwaukee, Wis.
- LITTLE GIANT Pipe & Bolt Stocks & Dies, Taps & Dies, Pipe Wrenches, Pipe Threading Tools, Screw Plates, Screw Extractors, Chain Pipe Vises, Greenfield Tap & Die Corp., Greenfield, Mass.
- LITTLE GIANT Power Grindstones, Bera Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- LITTLE GIANT Screw Driver, Enterprise Mfg. Co., Dept. HA, Akron, O.
- LITTLE GIANT Sidewalk Cleaner, Garden Cultivators, Lawn Edger & Trimmer, Weeding Hoes, Cultivator Hoes, Garden Hoes, Grub Hoes, Snow Pushers, Garden Rakes, Hose Reels, Furnace Scoops, Chicken Coop Scrapers, Screen Door Sets, Floral Sets, Garden Tool Sets, Snow Shovels, Shovels, Spades & Scoops, Juvenile Snow Shovels, Garden Spades, Juvenile Spades, Garden Trowel, Garden Weeder, C-K-R Div. American Fork & Hoe Co., 1628 Euclid Ave., Cleveland, Ohio.
- LITTLE GIANT Trailer Couplers, Zagelmeyer Auto Camp Co., 801 S. Henry, Bay City, Mich.
- LITTLE GIANT Windlasses, Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.
- LITTLE GIANT Window Safety Seats, Little Giant Window Bracket Co., 1114 First, Knoxville, Ia.
- LITTLE GIANT Jr. Pipe & Bolt Screw Plates, Greenfield Tap & Die Corp., Greenfield, Mass.
- LITTLE HELPER Toy Carpet Sweeper, Bissell Carpet Sweeper Co., Grand Rapids, Mich.
- LITTLE HUMMER Door Latches, Wagner Mfg. Co., Cedar Falls, Iowa.
- LITTLE JANITOR Mop Holders & Sticks, Stover Mfg. & Engine Co., Freeport, Ill.
- LITTLE MINNIE Artificial Fish Bait, American Fork & Hoe Co., Geneva, O.
- LITTLE QUEEN Toy Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.
- LITTLE SUPREME Cold Blast Lantern, Tubular Lanterns, Lantern Globes, Embury Mfg. Co., Warsaw, N. Y.
- LITTLE WIZARD Cold Blast Lanterns, Tubular Lanterns, Lantern Globes, Diets (R. E.) Co., 60 Lighthouse, New York, N. Y.
- LITTLE WONDER Air Valves, Drain Pipe and Trap Cleaners, Pipe Joint Cement, Boiler Compounds, Furnace and Stove Cement, Soldering Paste, etc., Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.
- LITTLE WONDER Electric Hedge Trimmers, Bartlett Mfg. Co., 3003 E. Grand Blvd., Detroit, Mich.
- LITTLE WONDER Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- LITTLE WONDER Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- LITTLE WONDER Snow Shovels, Rugg Mfg. Co., Greenfield, Mass.
- LIVE HEAT Portable Baking Ovens, Perfection Stove Co., 7666 Platt Ave., Cleveland, Ohio.
- LIVE WIRE Artificial Fish Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- LOCK WEAVE Coil Chain, Sprocket Chains, Weldless Chain, Cleveland Chain & Mfg. Co., Cleveland, Ohio.
- LOCKFAST Molasses & Oil Gates, Stearns (E. C.) & Co., Syracuse, N. Y.
- LOCKJOINT Stove Pipe, Milcor Steel Co., So. 41st Ave. & West Burnham, Milwaukee, Wis.
- LOCK-LEVER Double-Harpoon Hay Forks, Ney Mfg. Co., Canton, Ohio.
- LOCK-LEVER Horse Grapple, Harpoon, Hay Forks, etc., Myers (F. E.) & Bro. Co., Ashland, Ohio.
- LOCK LEVER Oil Faucets, Stearns (E. C.) & Co., Syracuse, N. Y.
- LOCK SCREW Nails, Dickson Weatherproof Nail Co., 1515 Sherman Ave., Evanston, Ill.
- LOCKWOOD Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4989 N. 27th, Milwaukee, Wis.
- LOCKWOOD Padlocks, Cabinet Locks & Builders Hardware, Lockwood Hardware Mfg. Co., Fitchburg, Mass.
- LODI Dividers, Leather Punches, Belt Punches, Revolving Head Punches, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.
- LOK-CROWNS Nut & Screw Bolt Caps, Metal Rosettes, Rawplug Co., Inc., 97 Lafayette, New York, N. Y.
- LOKTON Soldering Coppers, Barrett, Wm. L., Bristol, Conn.
- LOMA Fertilizers, Plant Food, Hand Grass Seed Sowers, Fertilizer Spreaders, Tennessee Corp., 61 B'way, New York, N. Y.
- LONE STAR Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- LONG GRIP Hose Couplings, Menders, Sherman (H. B.) Mfg. Co., Battle Creek, Mich.
- LONG LAST Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.
- LONG REACH Grass Hooks, North Wayne Tool Co., Oakland, Me.
- LONG WEAR Clothes Lines, Rugg (E. T.) Co., Newark, Ohio.
- LONG-WEAR Leather Soles & Heels, Wilder & Company, 1038 N. Crosby, Chicago, Ill.
- LONG WEAR Leather Washers, Pump Leathers, Leather Valves, Simplex Mfg. Co., Auburn, N. Y.
- LOOSTICK FLOAT, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- LOPWELL Pruning Shears, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.
- LORE Insecticides, Grasselli Chemicals Dept., Du Pont (E. I.) De Nemours & Co., Inc., Wilmington, Del.
- LOTT FENCE STRETCHERS, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- LOUISVILLE GRAND SLAM Golf Clubs, Golf Balls, Hillerich & Bradby Co., Louisville, Ky.
- LOUISVILLE LO-SKORE Golf Clubs, Golf Balls, Hillerich & Bradby Co., Louisville, Ky.
- LOUISVILLE SLUGGER Baseball and Softball Bats, Hillerich & Bradby Co., Louisville, Ky.
- LOW-BOY Clothes Racks, Clark (J. R.) Co., Minneapolis, Minn.
- LOW DOWN Gasoline Engine Sprayers, Tank Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- LOW STAR Artificial Fish Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- LOWE STAR Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- LOWELL Reversible Ratchet Wrenches, Lowell Wrench Co., Worcester, Mass.
- L. T. Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- LUBALOY Cartridges, Western Cartridge Co., Dept. 50, East Alton, Ill.
- LUBRIGUNS Lubricating Equipment and Fittings, Lincoln Engineering Co., 5701 Natural Bridge Ave., St. Louis, Mo.
- LUCK-E-LITE Contractor Torches, Truck Flares, Truck Lanterns, Embury Mfg. Co., Warsaw, N. Y.
- LUCKY Mule Trace Chains, Hodell Chain Co., 3934 Cooper Ave., Cleveland, Ohio.
- LUCKY SEAL Shears, Acme Shear Co., 150 Joseph, Bridgeport, Conn.
- LUMBERMAN Cross-Cut Saws, Diaston (Henry) & Sons, Inc. (Tacomb), Phila., Pa.
- LUMINOUS Artificial Fish Bait, Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- LUMINITE Cold Water Paints, Mill White Paints, Reardon Co., St. Louis, Mo.
- LUSTERAID Auto, Furniture Polishes, Foy Paint Co., Cincinnati, Ohio.
- LUSTER-CHROME Cabinet Hardware, American Cabinet Hardware Corp., Rockford, Ill.
- LUSTRABLU Ornamental Glass, American Window Glass Co., 1609 Farmer Bank Bldg., Pittsburgh, Pa.
- LUSTRA Electric Incandescent Bulbs, Wabash Appliance Corp., 335 Carroll Brooklyn, N. Y.
- LUSTRAGLASS Window Glass, American Window Glass Co., 1609 Farmer Bank Bldg., Pittsburgh, Pa.
- LUSTRACOLD Ornamental Glass, American Window Glass Co., 1609 Farmer Bank Bldg., Pittsburgh, Pa.
- LUT ZITE Insecticides, Fungicides, Exterminators, Insecticide Dusters, L. Zite Division, Ridge Tool Co., Elyria, Ohio.
- LUX Barrel Pumps, Smith (D. B.) & Co., Utica, N. Y.
- LYMAN Barbed Wire, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- LYMAN Barbed Wire, Tennessee Coal, Iron & R.R. Co., Birmingham, Ala.
- LYMAN Gun Sights, Lyman Gun Sight Corp., 55 West, Middlefield, Conn.

## Mc

- McCAFFREY Files & Raps, Nicholson File Co., Providence, R. I.
- McCLELLAN Files & Raps, Nicholson File Co., Providence, R. I.
- McCORMICK-DEERING Grain Harvesting Machines, Haying Machines, Tillage Implements, Beet Tools, Corn Machines, Planting & Seeding Machines, Power Machines, Power Units, Farm Equipment, Mowing Machines, Cream Separators, Farm Wagons, Horse Lawn Mowers, etc., International Harvester Co., Inc., 180 N. Michigan Ave., Chicago, Ill.
- McCORMICK-DEERING WEBER, Farm Wagons, International Harvester Co., Inc., 180 N. Michigan Ave., Chicago, Ill.
- McCREA MASTER Target Traps, Western Cartridge Co., Dept. 50, East Alton, Ill.
- McKAY Chain, Welding Rods, McKay Co., 1005 Liberty Ave., Pittsburgh, Pa.
- McKINNEY Builders, Cabinet, Garage & Forged Iron Hardware, McKinnis Mfg. Co., Pittsburgh, Pa.
- McMURRAY Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.

## M

- MAC Pruning Shears (French), Field (Alfred) & Co., Inc., 93 Chamber New York, N. Y.
- MACKWIN Insecticides, Vitamin B<sub>1</sub> for Plants, Mackwin Co., 328 E. 3rd Winona, Minn.
- MACTAM Spinners, Enterprise Mfg. Co., Dept. HA, Akron, O.
- MAGIC-ANGLE Target Traps, Western Cartridge Co., Dept. 50, East Alton, Ill.
- MAGIC Belt Dressing, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- MAGIC DOOR Photo Electric Cell Equipment, Stanley Works, New Britain Conn.
- MAGIC Hose Nozzles, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- MAGIC PATTERN Tinner's Rules, Lufkin Rule Co., Saginaw, Mich.
- MAGIC Pipe Vises, Prentiss Vise Co., Little Falls, N. Y.
- MAGIC-RING Hose Couplings, Nu-Way Coupling Co., 119 South Alvarado Los Angeles, Cal.
- MAGIKIL Insecticides & Ant. Rat, Mice Exterminators, Lethelin Products Co., Wood Ridge, N. J.
- MAGNOLIA Sash Cord and Plov Lines, Puritan Cordage Mills, Louisville, Ky.
- MAILMASTER Mail Boxes, Patent Novelty Co., Inc., Fulton, Ill.
- MAJESTIC Access Units, Fireplace Ash Dumps, Fireplace Dampers, Ash P. Doors, Underground Garbage Receivers, Milk & Package Receivers, Gradeline Chutes, Incinerators, Window Coal Chutes, Man Hot Covers, Cistern Covers, Radiator Cabinets & Covers, etc., Majestic Co., Huntington, Ind.
- MAJESTIC Electric Lawn Mowers, Monark Silver King, Inc., 1242 N. Home Ave., Chicago, Ill.
- MAJESTIC Scissors, Acme Shear Co., 150 Joseph, Bridgeport, Conn.
- MAK-A-KIT Wood Toys, Root (A. I.) Co., Medina, Ohio.
- MAKOMB Poultry Supplies, Makomb Steel Products Co., Macomb, Ill.
- MAMOLITH Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (No. wood), Cincinnati, Ohio.
- MANCHESTER Scythe Stones, Bera Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- MANGANAR Insecticides, Grasselli Chemicals Dept. Du Pont (E. I.) De Nemours & Co., Inc., Wilmington, Del.
- MANHATTAN Varnishes, Pittsburgh Plate Glass Co., Paint & Varnish Division, 480 Market, Milwaukee, Wis.
- MANICLIP Finger Nail Clippers, Cook (H. C.) Co., Ansonia, Conn.
- MANSFIELD Automobile Tires and Tubes, Bicycle Tires and Tubes, Mansfield Tire & Rubber Co., Mansfield, Ohio.
- MANSON Friction & Rubber Tape, Okonite Co., Passaic, N. J.
- MARATHON Grind Stones, Western Products, Inc., New Castle, Ind.
- MARATHON Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- MARBLART Enamelware, Moore Enameling & Mfg. Co., West Lafayette, Ohio.
- MARBLE'S Compasses, Hunting Knives, Gun Oil, Gun Cleaners, Knife Sharpening, Waterproof Match Safes, Firearms Sights, Shell Extractors, Saw Pocket Axes, Marble Arms & Mfg. Co., 540 Delta Ave., Gladstone Mich.

- MARINE Wire Cloth, Hanover Wire Cloth Co., Hanover, Pa.  
 MARK Carriage & Machine Clamps, Adjustable Clamp Co., 411 N. Ashland Ave., Chicago, Ill.  
 MARKSMAN Shooting Games, Daisy Mfg. Co., 414 Union, Plymouth, Mich.  
 MARKSMAN Cartridges, Western Cartridge Co., Dept. 50, East Alton, Ill.  
 MARKWELL Clamping Benches, Hand Staple Tackers, Crayons, Ink, Staples, Glazier Point Driver, Screen Wire Stretcher, Glaziers' Points, etc., Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y.  
 MARS Screw Drivers, Forsberg Mfg. Co., Bridgeport, Conn.  
 MARSHALLTOWN Trowels and Masons' Tools, Marshalltown Trowel Co., Marshalltown, Iowa.  
 MARSIE Reel Bags, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 MARTU Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 MARVEL Fertilizers, Fertilizer Distributors, Marvel Products Co., 1638 E. 70th, Cleveland, Ohio.  
 MARVEL Glass Cutting Boards, Belting, Electric Wire, Rope & Wire Poultry Measuring Machines, Wire Cloth Racks, Window Glass Racks, etc., Marvel Rack Mfg. Co., Inc., 324 N. First, Minneapolis, Minn.  
 MARVEL Paint Sprayer, Spray Gun, Auto Truck & Tractor Power Sprayer, etc., Brown (W. R.) Corp., 5724 Armitage Ave., Chicago, Ill.  
 MARVEL Pocket Oilers, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 MARVEL Tool Grinders, Luther Grinder & Tool Co., Fond du Lac, Wis.  
 MARY ANN Measuring Cups, Katsinger (Edward) Co., 1949 N. Cicero Ave., Chicago, Ill.  
 MASCOT Soft Rubber Insects, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 MASSACHUSETTS Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 MASTERBILT Ironing Tables, Clark (J. E.) Co., Minneapolis, Minn.  
 MASTER Buffing Brushes, Steel Wire Brushes, Polishing Wheels, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.  
 MASTER Cabinet Hardware, American Cabinet Hdw. Corp., Rockford, Ill.  
 MASTER Camp Stoves, Charcoal Grills, Camp Broilers, Cash Boxes, Fishing Tackle Boxes, Tool Boxes, Ride-on-Toys, etc., Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y.  
 MASTER-CAULK Caulking Compound, Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.  
 MASTER Circular Saws, Ohlen-Bishop Co., Columbus, Ohio.  
 MASTER Door Holders, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.  
 MASTER Janitor Mop Sticks, Kautenberg (W. E.) Co., Freeport, Ill.  
 MASTER Mire Square, Folding Rules, Master Rule Co., 817 E. 136th, New York, N. Y.  
 MASTER Manila Rope, Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 MASTER Mechanic Auger Bits, Irwin Auger Bit Co., Wilmington, Ohio.  
 MASTER MILKER Milking Machines, Anker-Holth Mfg. Co., Inc., 2700 Conner, Port Huron, Mich.  
 MASTER Padlocks, Master Lock Co., 926 W. Juneau Ave., Milwaukee, Wis.  
 MASTER PAINTER Varnish, Valentine & Co., Inc., 11 E. 86th, New York, N. Y.  
 MASTER Painters' Paints, Foy Paint Co., Cincinnati, Ohio.  
 MASTER Pump Jacks, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 MASTER Rules, Measuring Tapes, Master Rule Mfg. Co., 817 E. 136th, New York, N. Y.  
 MASTER SIX Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.  
 MASTER Skeet Shooting Traps, Western Cartridge Co., Dept. 50, East Alton, Ill.  
 MASTER T Fence Posts, Northwestern Steel & Wire Co., Sterling, Ill.  
 MASTER Tool Grinders, Luther Grinder & Tool Co., 112 S. Second, Milwaukee, Wis.  
 MASTERCRAFT Barbed Wire Fence, Jones & Laughlin Steel Corp., Pittsburgh, Pa.  
 MASTERENCH Wrenches, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.  
 MASTERLINE Gasoline & Kerosene Blow Torches, Turner Brass Works, Sycamore, Ill.  
 MASTERLITE Flashlights, National Carbon Co., 30 E. 42nd, New York, N. Y.  
 MASTERLOT Can Openers, Roberts Novelty Corp., 475 W. Princess, York, Pa.  
 MASTERSAW Hand Saws, Ohlen-Bishop Co., Columbus, Ohio.  
 MASTERS Garden Carts, Plant Setters, Transplanters, Masters Planter Co., 4029-A West Lake, Chicago, Ill.  
 MASTERS Perfect Fertilizer and Grass Seed Spreader, Masters Planter Co., 4029-A West Lake, Chicago, Ill.  
 MASTIFF Shovels, Spades and Scoops, American Fork & Hoe Co., Cleveland, Ohio.  
 MATCHIT Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner, Corp., New Castle, Ind.  
 MATCHLESS Axes, Warren Axe & Tool Co., Warren, Pa.  
 MATCHLESS Fishing Floats, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 MATCHLESS Carton Openers, Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 MATCHLESS Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.  
 MATCHLESS KUTALL Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.  
 MATCHLESS SHOCKPROOF Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 MATE Outboard Motors, Evinrude Motors, Div. Outboard Marine & Mfg. Co., 4839 N. 27th, Milwaukee, Wis.  
 MATTED TOP RIB Shot Guns, Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
 MAYDOLE Hammers, Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 MAYDOX Hammers, Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 MAYES Wood & Aluminum Levels, Mayes Bros. Tool Mfg. Co., Port Austin, Mich.  
 MAYFLOWER Electric Refrigerators, Gale Products Div. Outboard Marine & Mfg. Co., Galesburg, Ill.  
 MAYFLOWER Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.  
 MAYFLOWER Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 MAYHEW Mechanics' Tools, Mayhew Steel Products, Inc., Shelburne Falls, Mass.  
 MAYES Plasterers Tools, Levels & Plumbs, Mayes Bros. Tool Mfg. Co., Inc., Port Austin, Mich.  
 MAYTAG Clothes Washing Machines, Maytag Co., Newton, Iowa.  
 MAZDA LUMILINE Lamps, General Electric Co., Nela Park, Cleveland, Ohio.  
 MAZDA THREE-LITE Lamps, General Electric Co., Nela Park, Cleveland, Ohio.  
 MEADOW LARK Scythes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 MEADOW MONARCH Farm & Garden Tools, Union Fork & Hoe Co., Columbus, O.  
 MECOA LUSTRE Stove Pipe, Elbows, etc., Huenefeld Co., 2701 Spring Grove Ave., Cincinnati, Ohio.  
 MECHANIC Step Ladders, Babcock (W. W.) Co., Bath, N. Y.  
 MECHANIC'S PAL Measuring Tapes, Waterbury Lock & Specialty Co., Milford, Conn.  
 MEDALIST Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 MEKANIK Mechanics Tools, Peck, Stow & Wilcox Co., Southington, Conn.  
 MELLO-CHIME Electric Door Chimes, Mello-Chime & Signal Co., Inc., 127 W. 25th, New York, N. Y.  
 MELLO-GLOSS Paints, Lowe Bros. Co., Dayton, Ohio.  
 MELLO-TONE Paints, Lowe Bros. Co., Dayton, Ohio.  
 MEMCO Decorated Enamelware, Moore Enameling & Mfg. Co., West Lafayette, Ohio.  
 MEMCO Triple-Coat Enamelware, Moore Enameling & Mfg. Co., West Lafayette, Ohio.  
 MEM-O-ROLS Memorandum Rolls, Patent Novelty Co., Fulton, Ill.  
 MENG Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 MENITONE Paints, Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.  
 MERCURY Bicycles, Murray Ohio Mfg. Co., Cleveland, Ohio.  
 MERCURY Electric Ranges, Standard Electric Mfg. Corp., Toledo, Ohio.  
 MERCURY Skis, Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila., Pa.  
 MERIDIAN Sash Cord, Rocky Mount Cord Co., Rocky Mount, N. C.  
 MERINO Grasshoppers, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 MERIT Artificial Fish Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 MERMAID Chamois and Sponges, American Sponge & Chamois Co., Inc., 47 Ann, New York, N. Y.  
 MERMAID Electric Clothes, Washing Machines, Voss Bros. Mfg. Co., Davenport, Ia.  
 MERRY GO ROUND Kitchen Tool Assortment, A. & J. Kitchen Tool Co., 1949 N. Cicero Ave., Chicago, Ill.  
 MESH MAID Pot and Pan Cleaner, Whiting & Davis Co., Plainville, Mass.  
 METALFAF Aluminum Paints, Pittsburgh Plate Glass Co., Paint & Varnish Div., Milwaukee, Wis.  
 METALITE Abrasive Cloth, Behr-Manning Corp., Troy, N. Y.  
 METALIZED Minnows, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 METALIC Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.  
 METALSHINE Metal Polish, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 METALUX Silver Cream Polish, Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 METALVENT Door Holder, Metalvent Corp., 1338 W. Burleigh, Milwaukee, Wis.  
 METALVENTS Storm Window Ventilators, Metalvent Corp., 1338 W. Burleigh, Milwaukee, Wis.  
 METEORITE Plasterers Trowels, Ohlen-Bishop Co., Columbus, O.  
 METLBRITE Metal Polish, Midway Chemical Co., Div. American Home Products Corp., 275 Cornillon Ave., Jersey City, N. J.  
 MET-L-TOP Ironing Table, General Electric Co., Bridgeport, Conn.  
 METROPOLITAN Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 MEZURALL Flexible-Rigid Steel Rules, Lufkin Rule Co., Saginaw, Mich.  
 MIAMI-CAREY Bathroom Fixtures, Bathroom Medicine Cabinets, Ironing Boards, Bathroom Mirrors, Miami Cabinet Div. Philip Carey Co., Middletown, Ohio.  
 MICHIGAN Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.  
 MICHIGAN RAGG Scythe Stones, Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.  
 MICKEY MOUSE Children's Sleds, Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila., Pa.  
 MICKLIN DUAL Screen Frame Corners, Screen Door Braces, etc., Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 MICKY Door Holders and Ventilating Sash Locks, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.  
 MICRO-LITE Flashlights, Micro-Lite Co., Inc., 45 W. 25th, New York, N. Y.  
 MICROMATIC Safety Razor and Safety Razor Blades, Gem Safety Razor Corp., 62 Lawrence, Bklyn., N. Y.  
 MICRO-SPRAY Midget Graphite Gun, Hoffman (H.) Co., 6243 N. Western Ave., Chicago, Ill.  
 MIDDY Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 MIDDY Wheelbarrows, Jackson Mfg. Co., Harrisburg, Pa.  
 MIDGET Hack Saw Frames, Thompson (Henry G.) & Son Co., New Haven, Conn.  
 MIDGET Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 MIDGET Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4839 N. 27th, Milwaukee, Wis.  
 MIDGET Roof and Shingling Brackets, Ajax Building Bracket Co., 1551 Rydal Mount Rd., Cleveland Heights, Ohio.  
 MIDGET Saw Tools, Atkins (E. C.) Co., Indianapolis, Ind.  
 MIGHTY-MIDGET Electric Garage Door Opener, Stanley Wks., New Britain, Conn.  
 MIDWEST Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.  
 MILADY DECOLLETEE Safety Razors, Gillette Safety Razor Co., 15 W. 1st, Boston, Mass.  
 MILCOR Conductor Pipe, Eaves Trough & Accessories, Portable Bake Ovens, Ridging, Roofing, Siding & Ceiling, Stove & Furnace Pipe, Wall Pipe Heaters, Metal Lath, Corner Bead & Accessories, Turbine Roof Ventilators, Metal Base, Steel Domes, Mortar Boxes, Wood Heaters, etc., Milcor Steel Co., S. 41st Ave. & Burnham, Milwaukee, Wis.  
 MILCOR SILVERCOTE Expanded Metal Lath, Milcor Steel Co., S. 41st Ave. & Burnham, Milwaukee, Wis.  
 MILCOR Turbine Revolving Roof Ventilators, Milcor Steel Co., S. 41st Ave. & Burnham, Milwaukee, Wis.  
 MILCOR S-V Two Drain Channel Siding, Milcor Steel Co., S. 41st Ave. & Burnham, Milwaukee, Wis.  
 MILFORD Hack Saws, Hack Saw Frames, Wood Cutting Band Saws, Metal Cutting Saws, Compass Saws, Thompson (Henry G.) & Son Co., New Haven, Conn.  
 MILFORD MIDGET Hack Saw Frames, Thompson (Henry G.) & Son Co., New Haven, Conn.  
 MILL WRIGHT Folding Step Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.  
 MILLER Paint Rejuvenating Machines, Miller Mfg. Co., 3236 Bryn Mawr Ave., Chicago, Ill.  
 MILLERS FALLS Mechanics Tools, etc., Millers Falls Co., Greenfield, Mass.  
 MILORGANITE Lawn & Garden Fertilizer, Milwaukee Sewerage Commission, Milwaukee, Wis.  
 MILWARD Fish Hooks (British), Alfred Field & Co., Inc., 93 Chambers, New York, N. Y.  
 MILWAUKEE Brushes & Brooms, Milwaukee Brush Mfg. Co., 2212-2236 N. 30th, Milwaukee, Wis.  
 MILWAUKEE Tool Grinders, Luther Grinder & Tool Co., Fond du Lac, Wis.  
 MILWAUKEE WROT Washers, Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.  
 MIL-WROT Washers, Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.  
 MIMAX Auto, Coach & Carriage Paints, Wax Polish, etc., Pittsburgh Plate Glass Co., Paint & Varnish Division, 486 Market, Milwaukee, Wis.  
 MINI-MAX "B" Battery, National Carbon Co., Inc., 30 E. 42nd, New York, N. Y.  
 MINNETONKA Folding Boat Seats, Warner Mfg. Co., Minneapolis, Minn.  
 MINNIE THE MOOCHER Artificial Fish Bait, American Fork & Hoe Co., Geneva, Ohio.  
 MIRACLE Can Openers, A. & J. Kitchen Tool Co., 1949 N. Cicero Ave., Chicago, Ill.  
 MIRACLE Door Closers, Norton-Lasier Co., 466 W. Superior, Chicago, Ill.  
 MIRACLE Paint Rejuvenating Machine, Miracle Paint Rejuvenator Co., 500 Robert, St. Paul, Minn.

- MIR-O-LITE Make-up and Shaving Mirrors, National Die Casting Co., 600 N. Albany Ave., Chicago, Ill.
- MIRRO Aluminum Ware, Aluminum Goods Mfg. Co., Manitowoc, Wis.
- MISSING Link End, Lap & Swing Links, Laughlin (Thomas) Co., Portland, Me.
- MITERITE Mitre Boxes, National Specialties Co., Inc., 1902 Howell, Fort Wayne, Ind.
- MITRE KIT Mitre Box with Saw, Baker, McMillen Co., Akron, Ohio.
- MIXABEATER Egg & Cream Beaters or Whips, Landers, Frary & Clark, New Britain, Conn.
- MOBILAIRE Air Conditioners, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- MODEL MAKER Homecraft Tools, Arcade Mfg. Co., Freeport, Ill.
- MODEL Oil Stoves, Florence Stove Co., Gardner, Mass.
- MODERNISTIC Door Holders, Superior Spring Hinge Co., 548 Lake, Chicago, Ill.
- MODERN HAND Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- MODERN Home Ash and Garbage Cans, Witt Cornice Co., 2114 Winchell Ave., Cincinnati, Ohio.
- MODERN MAID Clothes Washing Machines, Holland-Rieger Co., Sandusky, Ohio.
- MODEX Cold Water Paints, Mill White Paints, Readon Co., St. Louis, Mo.
- MOGUL Power Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.
- MOHAWK Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.
- MOHAWK Flint Paper, Behr-Manning Corp., Troy, N. Y.
- MOHAWK Hammers, Prentiss Vise Co., Little Falls, N. Y.
- MOHAWK Painters & Decorators Tools, Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
- MOLDCHILL Chill Foundry Nails, Capewell Mfg. Co., Hartford, Conn.
- MOLE-NOTS Mole Exterminators, Nott Mfg. Co., 87 Frankfort, New York, N. Y.
- MOLY-D Steel & Wood D Handles, Scoop, Spade & Shovel Handles, Wood Shovel & Tool Co., Piqua, Ohio.
- MOLY Spades, Scoops, Shovels, Wood Shovel & Tool Co., Piqua, Ohio.
- MONARCH Axes, Warren Axe & Tool Co., Warren, Pa.
- MONARCH Electric Bench Grindstones, Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- MONARCH Door Holders, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.
- MONARCH Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- MONARCH Grapple Hay Forks, Tackle Blocks, Ney Mfg. Co., Canton, Ohio.
- MONARCH Hack Saw Blades, Hack Saw Frames, Wood Chisels, Keyhole Hack Saw Blades, Great Neck Saw Mfrs., Inc., Great Neck, L. I.
- MONARCH Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- MONARCH Hot Blast Lanterns, Tubular Lanterns, Kerosene Oil Lamps, Dietz (R. E.) Co., 60 Light, New York, N. Y.
- MONARCH Hotel, Restaurant, Coal, Electric Combination Coal, Ranges, Circulating Heaters, Oil Burning Ranges, Electric Water Heaters, Electric Refrigerators, Malleable Iron Range Co., 65 Lake, Beaver Dam, Wis.
- MONARCH Ice Skates & Shoes, Johnston (Alfred) Skate Co., 2846 W. North Ave., Chicago, Ill.
- MONARCH Jugs, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.
- MONARCH Knife Sharpeners, Turner & Seymour Mfg. Co., Torrington, Conn.
- MONARCH Machinists, Pipe & Woodworkers Vises, Prentiss Vise Co., Little Falls, N. Y.
- MONARCH Paints, Spar Varnish, Gillespie Varnish Co., 131 Dey, Jersey City, N. J.
- MONARCH Polishing Wheels, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.
- MONARCH Sash Chains, Bridgeport Chain & Mfg. Co., Bridgeport, Conn.
- MONARCH Sash Cord, Shade Cord, Awning Rope, Chalk and Masons Line, Rocky Mount Cord Co., Rocky Mount, N. C.
- MONARCH Saw Sets, Division (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- MONARCH Stew Ladders, Clark (J. R.) Co., Minneapolis, Minn.
- MONARCH Wire Fence, Keystone Steel & Wire Co., Peoria, Ill.
- MONARK Electric Lawn Mowers, Monark Silver King, Inc., 1242 N. Homan Ave., Chicago, Ill.
- MONARK SILVER KING Aluminum Bicycles & Velocipedes, Monark Silver King, Inc., 1242 N. Homan Ave., Chicago, Ill.
- MONARK Steel Bicycles, Monark Silver King, Inc., 1242 N. Homan Ave., Chicago, Ill.
- MON-ARK Ironing Tables, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- MONCE Glass Cutters, Fletcher, Terry Co., Forestville, Conn.
- MONEYBACK Hand Lawn Mower, Blair Mfg. Co., Springfield, Mass.
- MONEY-MAKER Ladders, Flint (A. W.) Co., New Haven, Conn.
- MONITOR Buffing Brushes, Steel Brushes, Polishing Wheels, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.
- MONITOR Wire Fence, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- MONITOR Wire Fence, Tennessee Coal, Iron & R.R. Co., Birmingham, Ala.
- MONO-CRIL Flashlight Batteries, Bond Electric Corp., New Haven, Conn.
- MONOGRAM Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- MONOLAC Varnish Stains, Gillespie Varnish Co., 131 Dey, Jersey City, N. J.
- MONONGAH FEATHERWEIGHT Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- MONTOUR Garden Rakes, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- MONUMENTAL Brushes, Pittsburgh Plate Glass Co., Brush Division, Baltimore, Md.
- MOONGLO Paints, Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.
- MOORE Aluminum Push-Pins, Glass Head Push-Pins, Pushless Hangers, Moore Push-Pin Co., 113-125 Berkley, Phila., Pa.
- MOORE Spring Clip Clothes Pins, National Clothes Pin Co., Montpelier, Vt.
- MOP DEVIL Pot Cleaners, Smith (Landon P.), Inc., 130 Coit, Irvington, N. J.
- MORFLOAT Plasterers' Float, Atkins (E. C.) & Co., Indianapolis, Ind.
- MORIM Dead Latch, Yale & Towne Mfg. Co., Stamford, Conn.
- MORROW Bicycle Coaster Brakes, Eclipse Mach. Co., Elmira, N. Y.
- MORSE High Speed and Carbon Drills, Reamers, Cutters, Taps and Dies, etc., Morse Twist Drill & Machine Co., New Bedford, Mass.
- MO-SPEED Hack Saws, American Saw & Mfg. Co., Springfield, Mass.
- MOSSBERG Rifles, Shot Guns & Sights, Mossberg (O. F.) & Sons, Inc., 131st St. John, New Haven, Conn.
- MOTHded Insect Exterminators, Midway Chemical Co., Div. American Home Products Corp., 275 Cornillon Ave., Jersey City, N. J.
- MOTO-BOY Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.
- MOTO KAN Master Electric Can Opener, Turner & Seymour Mfg. Co., Torrington, Conn.
- MOTO-LAC Lacquers, Johnston (R. F.) Paint Co., 3825 Huston Ave. (Norwood), Cincinnati, Ohio.
- MOTO-MOWER Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.
- MOTOR MASTER Motorized Bicycles, Cleveland Welding Co., W. 117th & Berea Rd., Cleveland, Ohio.
- MOTO-TOOL Portable Electric Grinders, Wood Carvers, etc., Dremel Mfg. Co., Racine, Wis.
- MOUNTAINEER Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- MOUSE Pork Rind Bait Strips, American Fork & Hoe Co., Keith Bldg., Cleveland, Ohio.
- MR PUNCH Automatic Push Drill, Millers Falls-Goodell Pratt Co., Greenfield, Mass.
- MT. BEACON Green Shading, Hammond Paint & Chemical Co., Beacon, N. Y.
- MT. WASHINGTON Ice Cream Freezers, White Mountain Freezer Co., Inc., Nashua, N. H.
- MULE FAMILY Gloves, Wells-Lamont Smith Corp., 1791 Howard, Chicago, Ill.
- MULTI-GRIP Tire Chains, McKay Co., Pittsburgh, Pa.
- MULTICHROME Cabinet Hardware, Stanley Works, New Britain, Conn.
- MULTI Shingles, Barrett Co., 40 Rector, New York, N. Y.
- MULTI-LINE Clothes Dryers, Union Steel Products Co., Albion, Mich.
- MULTI-OILSTONE Sharpening Stones, Behr-Manning Corp., Troy, N. Y.
- MULTI-PURPOSE Electric Floor Sanding & Surfacing Machines, Lincoln-Schluter Floor Machinery Co., 212 W. Grand Ave., Chicago, Ill.
- MULTILITE Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- MULTIPLATE Safety Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- MURALEX Ratchet Wrenches, Lowell Wrench Co., Worcester, Mass.
- MURALART Wall Covering, Du Pont (E. I.) de Nemours & Co., Inc., Newburgh, N. Y.
- MUSKIBASS Fishing Leaders, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- MUSKILL Artificial Fish Bait, Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- MUSKY Oriental Wiggler Artificial Fish Bait, American Fork & Hoe Co., Geneva, Ohio.
- MUSTAD Wool & Cotton Cards (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- MUSTANG Artificial Fish Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- MUVIT Paint & Varnish & Removers, Sterling Paint & Varnish Co., Malden, Mass.
- MYERS Burn Door Hangers, Force & Power Pumps, Trolleys & Trucks, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- MYERS Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- MYSTIC Hose Nozzles, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- MYSTIC MARVEL Metal Pot Cleaners, Metal Textile Corp., 4 Central Ave., West Orange, N. J.
- MYSTIC MIRACLE Metal Pot Cleaners, Metal Textile Corp., 4 Central Ave., West Orange, N. J.
- MYSTIC MOP Metal Pot Cleaners, Metal Textile Corp., 4 Central Ave., West Orange, N. J.
- MYSTIKIL Plant Spray Insecticides, Lethelin Products Co., Wood Ridge, N. J.
- N
- NAILEZY Box Strapping, Acme Steel Co., 2838 Archer Ave., Chicago, Ill.
- NAILLESS Weatherstrip, Chamberlain Metal Weatherstrip Co., Inc., 1254 La Brosse, Detroit, Mich.
- NB Force Cups, International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.
- NAPTOSIDE Fumigant-Insecticides, Hammond Paint & Chemical Co., Beacon, N. Y.
- NARROW PLATE Hair Clippers, Brown & Sharpe Mfg. Co., Providence, R. I.
- NASHOBA Wrapping Twine, Samson Cordage Wks., 89 Broad, Boston, Mass.
- NASHUA Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.
- NATIONAL Builders' Hardware, National Mfg. Co., Sterling, Ill.
- NATIONAL AUTOMATIC Can Sealing Machines, National Pressure Cooker Co., Eau Claire, Wis.
- NATIONAL EXPANDING ANCHOR Fence Posts, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- NATIONAL Fence Stretchers, Wire Fence, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- NATIONAL HARD-WEAR Paste & Self Polishing Waxes, Durham (Donald) Co., 203 School, Des Moines, Ia.
- NATIONAL Ice Cube Breaker, National Die Casting Sales Corp., 600 N. Albany Ave., Chicago, Ill.
- NATIONAL Ice Cube Breaker, National Die Casting Co., 600 N. Albany Ave., Chicago, Ill.
- NATIONAL Pipe and Allied Tubular Products, National Tube Co., Frick Bldg., Pittsburgh, Pa.
- NATIONAL Screws, Bolts, Nuts, Rivets, Cotter Pins & Tacks, National Screw & Mfg. Co., 2240 E. 75th, Cleveland, O.
- NATIONAL PRESTO Cooker, National Pressure Cooker Co., Eau Claire, Wis.
- NATIONAL STANDARD Can Sealing Machines, National Pressure Cooker Co., Eau Claire, Wis.
- NATIONAL Steam Pressure Cookers, Electric Cookers, Aluminum Cooking Utensils, National Pressure Cooker Co., Eau Claire, Wis.
- NATURALITE Gas & Gasoline Mantels, American Gas Machine Co., Inc., Albert Lea, Minn.
- NAVY Screw Driver, Bridgeport Hardware Mfg. Co., Bridgeport, Conn.
- NAVY Windlasses, Wilcox, Crittenden & Co., Inc., 77 S. Main, Middletown, Conn.
- NAXON Clothes Washing Machines, Naxon Utilities Corp., 2101 W. Walnut, Chicago, Ill.
- NAYLOR Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- NEEDHAM Clothes Lines, Silver Lake Co., 99 Chauncy, Boston, Mass.
- NELLIS Single-Harpoon Hay Forks, Ney Mfg. Co., Canton, Ohio.
- NELESCO Kalsomine, Reardon Co., St. Louis, Mo.
- NELLIS Horse Grapple, Harpoon, Hay Forks, etc., Myers (F. E.) & Bro. Co., Ashland, Ohio.
- NEPONSET Double Twins Asphalt Shingles, Bird & Son, Inc., East Walpole, Mass.
- NEPTO-LAC Lacquers, Lowe Bros. Co., Dayton, Ohio.
- NEPTO-NAMEL for Spraying Motor Vehicles, Lowe Bros. Co., Dayton, Ohio.
- NEPTUNE Garden Hose, United States Rubber Co., 1230 6th Ave., New York, N. Y.
- NEPTUNE Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.
- NEPTUNE Screen Wire Cloth, Hanover Wire Cloth Co., Hanover, Pa.
- NEPTUNE Varnishes & Stains, Lowe Bros. Co., Dayton, Ohio.
- NERO Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- NESCO Enamelled, Galvanized, Tin, Japanned Ware, Electric Household Appliances, Heaters & Ranges, etc., National Enameling & Stamping Co., Milwaukee, Wis.
- NESCO JUICE SAVER Pie Plates, National Enameling & Stamping Co., Milwaukee, Wis.
- NESCO ROASTMASTER Electric Roasters, National Enameling & Stamping Co., Milwaukee, Wis.
- NET WICK Poultry Wire Netting & Fence, Wickwire Bros., Cortland, N. Y.
- NETMESH Metal Lath, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- NEVADA Cross-Cut Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- NEVER-BREAK Fishing Leaders, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.



- NEVERBREAK Stove Pokers, Fire Shovels, Union Fork & Hoe Co., Columbus, Ohio.
- NEVER DRIP Mortar & Brick Hods, Cleveland Wire Spring Co., E. 88th and Hamilton Ave., Cleveland, Ohio.
- NEVER FAIL Corn Shellers, Fate-Roach Co., 1838 High, Plymouth, Ohio.
- NEVERFAIL Artificial Fish Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NEVER-LIFT Electric Iron, Proctor Electric Co., 7th & Tabor Rd., Phila., Pa.
- NEVER MISS Rat & Mouse Traps, McGill Metal Products Co., Marengo, Ill.
- NEVERSKIN Fishing Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NEVR CREEP Rim Cement, Van Cleaf Bros., 7800 Woodlawn Ave., Chicago, Ill.
- NEW ADVANCE Axes, Evansville Tool Works, of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- NEW AMERICANS Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- NEW AMERICAN Stove & Furnace Dampers, Griswold Mfg. Co., Erie, Pa.
- NEW ARISTOCRAT Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- NEW CASTLE Shovels, Spades and Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- NEW CENTURY Power Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- NEW CITY Ladders, Flint (A. W.) Co., New Haven, Conn.
- NEW EASY Bolt & Rivet Clippers, Porter (H. K.), Inc., Everett, Mass.
- NEW EGYPT Wiggler Artificial Fish Bait, American Fork & Hoe Co., Geneva, Ohio.
- NEW HAVEN Clam & Oyster Knives, Murphy (Robert) Sons Co., Ayer, Mass.
- NEW HAVEN Timepieces, New Haven Clock Co., New Haven, Conn.
- NEW IDEA Scaffold Brackets, Ajax Building Bracket Co., 1551 Rydal Mount Rd., Cleveland Heights, Ohio.
- NEW JAP. Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- NEW LAKEWOOD Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- NEW MARKET Hand Horse Clippers, American Shearer Mfg. Co., Nashua, N. H.
- NEW MAYFLOWER Bathroom Fixtures, Brey-Krause Mfg. Co., Allentown, Pa.
- NEW-MENDER China Cement, Macklanburg, Duncan Co., Oklahoma City, Okla.
- NEW MODEL Tank Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- NEW OSHKOSH Horseshoes, Giant Grip Mfg. Co., Oshkosh, Wis.
- NEWPORT Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- NEW PROCESS Abrasive Paper and Cloth, Abrasive Products, Inc., So. Braintree, Mass.
- NEW RAPID Ice Breakers, North Bros. Mfg. Co., Lehigh Ave. & American, Phila., Pa.
- NEW RINKEL Stock Tank Heaters, Starline, Inc., Harvard, Ill.
- NEW STANDARD Ice Cream Freezers, Food Choppers, New Standard Corp., Mt. Joy, Pa.
- NEW STANDARD Safety Razors, Gillette Safety Razor Co., 15 W. 1. Boston, Mass.
- NEW UNIVERSAL Fishing Tackle Assortments, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NEW WAY Barn Door Hangers, Garage Hardware, Sliding Door Track, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- NEW WAY GIANT Garage Hardware, Hangers & Hinges, Barn Door Hangers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- NEWARK Laths & Stands, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- NEWHOUSE Animal Trap, Gopher Trap, Animal Trap Co. of America, Littitz, Pa.
- NEWTON Maid Clothes Washing Machines, One Minute Washer Co., Newton, Iowa.
- NEW YORK Step Ladders, Babcock (W. W.) Co., Bath, N. Y.
- NEW YORK Trout Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NEW YORKER Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- NIAGARA Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- NIBALO Fishing Floats, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NICHOLSON Files & Rasps, File Cleaners, Manicure Files, Nicholson File Co., Providence, R. I.
- NICHOLSON Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- NICKALUM Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NICKELETTE Nickel Plating Compounds, Tilette Cement Co., Inc., 461 Lafayette, New York, N. Y.
- NICO ROTE Insecticides, Rotenone Products Co., Inc., East Orange, N. J.
- NIFTEE Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NIFTY Cork Screws, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.
- NINETEEN-FORTY Hand Saws, Disston (Henry) & Sons, Inc., (Tacony), Phila., Pa.
- NIPPER Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.
- NITRO Express Loaded Shoe Gun Shells, Remington Arms Co., Inc., Bridgeport, Conn.
- NITRO POWDER SOLVENT No. 9 Gun Cleaner, Frank A. Hoppe, Inc., 2314 N. 8th, Phila., Pa.
- No. 1 Jupiter Ash Handles, Steel & Wood "D" Handles, Repair Handles, Scoop, Spade & Shovel Handles, Bruner-Ivory Handle Co., Hope, Ark.
- No. 3 Hack Saw Frames, Thompson (Henry G.) & Son Co., New Haven, Conn.
- No. 5 Hack Saw Frames, Thompson (Henry G.) & Son Co., New Haven, Conn.
- No. 7 Furniture Polish, Metal Polish, Auto Top & Upholstery Dressings, Wax Polish, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- No. 12-X-1865 Bolt & Rivet Clipper, Porter (H. K.) Inc., Everett, Mass.
- No. 32 Truck Flares, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- No. 39 Lantern Globes, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- No. 60 Sprayers, Smith (D. B.) & Co., Utica, N. Y.
- No. 64 Hand Horse Clippers, American Shearer Mfg. Co., Nashua, N. H.
- No. 64 Oil Torches, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- No. 67 Oil Torches, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- No. 68 Oil Torches, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- No. 232 Truck Flares, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- No. 282 Truck Flares, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- No. 357 Lubricating Oil, Midway Chemical Co., Div., American Home Products Co., 257 Cornillon Ave., Jersey City, N. J.
- No. 999 Railroad Lanterns, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- NOAH'S Pitch Roof Cement, Carey (Philip) Co. (Lockland), Cincinnati, Ohio.
- NO BANG Screen Door Checks, Sargent & Co., New Haven, Conn.
- NOBBY Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NOBURN Aluminum Steamer Racks, Cook (H. C.) Co., Ansonia, Conn.
- NO CHIP Kitchen Tools, Culinary Forks, Soup Ladles, Orange Peelers, Basting Spoons, Cake Turners, Fruit & Vegetable Corers, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.
- NO-CROW Crow Repellents, Hammond Paint & Chemical Co., Beacon, N. Y.
- NO-DIE Stringer, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NO-DIG Angle Worm Extractors, Day Bait Co., 1824 Howard, Port Huron, Mich.
- NODRIL Concrete Pins, Hillwood Mfg. Co., 21700 St. Clair Ave., Cleveland, Ohio.
- NODRIP Sink Strainers, Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y.
- NO-EQUAL Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- NO MAR Caster Cups and Furniture Slides, Bassick Co., Bridgeport, Conn.
- NO-MAR Fly Swatters, Auburn Rubber Corp., Auburn, Ind.
- NOELTING Bed, Furniture, Garment Rack, Casters, etc., Faultless Caster Co., Evansville, Ind.
- NOFOME Sanitary Milk Pumps, Specialty Brass Co., Kenosha, Wis.
- NOLIN Grass Hooks, North Wayne Tool Co., Oakland, Me.
- NON-CLIMBABLE Lawn Fence & Gates, Keystone Steel & Wire Co., Peoria, Ill.
- NON-CLOG Hose Nozzles, Brown (E. C.) Co., Rochester, N. Y.
- NON-CLOGGABLE Garment Rack Casters, Moulton Ladder Mfg. Co., 2 Harding, Somerville, Mass.
- NON-SAG Screen Door Brace, Arcade Mfg. Co., Freeport, Ill.
- NON-SKID Clothes Line Props, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- NON-SKID Screw Drivers, Screw Driver Bits, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- NON-SKID Tire Chains, Hodell Chain Co., 3224 Cooper Ave., Cleveland, Ohio.
- NON-SLIP Necktie Rack, Ritter-Carlton Co., Inc., 373 4th Ave., New York, N. Y.
- NON-SPLITZ Wire Nails, Northwestern Steel & Wire Co., Sterling, Ill.
- NON-SUCH Fishing Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NON-SYPHONING Roofing & Siding, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- NONPAREIL Fishing Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NORBO Aluminum Bronze, Gold Powders, Oil & Water Colors, Drawing Inks, Enamel & Screen Paints, Wood Fillers, Brush Cleaners, Shellacs, Liquid Polishing Wax, Wood Paste, Patching Plaster, Floor Cleaners, Premier Chemical Co., 12435 Euclid Ave., Cleveland, Ohio.
- NORCROSS Garden Cultivators, Hoes, Weeders, & Mulchers, Norcross (C. S.) & Sons, Bushnell, Ill.
- NORGE AUTOBUILT Electric and Gas Engine Washing Machines, Norge Div., Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich.
- NORGE Gas Ranges, Electric Ranges, Water Heaters, Norge Div., Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich.
- NORGE DUOTROL Electric Ironers, Norge Div., Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich.
- NORGE ROLLATOR Electric Refrigerators, Norge Div., Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich.
- NORGE WHIRLATOR Oil Burners, Norge Div., Borg-Warner Corp., 670 E. Woodbridge, Detroit, Mich.
- NOR'HAMAR Wood Burning Furnaces, Wood Burning Steam & Hotwater Heating Boilers (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- NORKA Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NORKA Foot Power Grindstone, Berea Abrasives, Div. Cleveland Quarries Co., 1184 Builders Exch. Bldg., Cleveland, O.
- NORTH STAR Ice Cream Freezer, Alaska Freezer Co., Inc., Winchendon, Mass.
- NORTHWESTERN Horseshoe Nails, Capewell Mfg. Co., Hartford, Conn.
- NORTON Abrasives, Behr-Manning Corp., Troy, N. Y.
- NORTON Door Closers & Screen Door Closers, Norton Door Closer Co., 2900 N. Western Ave., Chicago, Ill.
- NORTON INDIA Sharpening Stones, Behr-Manning Corp., Troy, N. Y.
- NORTON Razor Hones, Behr-Manning Corp., Troy, N. Y.
- NORWICH Hammers, Mayhew Steel Products, Inc., Shelburne Falls, Mass.
- NORWOOD Farm Gates, Wire Fences, Rubbish Burners, Tree Guards, etc. Brown (H. L.) Fence & Mfg. Co., 34th and B. & O. R.R., Cincinnati, Ohio.
- NORWOOD Lawn Fence & Gates, Flower Bed & Lawn Mowers, Rubbish Burners, Robertson (W. F.) Steel & Iron Co., 71 Elm, Cincinnati, Ohio.
- NO-STIK Closet Tank Flushers, National Specialties Co., Inc., 1902 Howell, Fort Wayne, Ind.
- NOTACKS Paint & Varnish Brushes, Wooster Brush Co., Wooster, Ohio.
- NOTROBLE Connecting Link, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- NO-TURN HANDLE Plasterers' Trowels, Goldblatt Tool Co., 1522 Walnut, Kansas City, Mo.
- NOVO Unbreakable Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- NOWATOCO Bush Hooks, Grass Hooks, North Wayne Tool Co., Oakland, Me.
- NOXEM Garden and Lawn Weeders, National Specialties Co., Inc., 1902 Howell, Fort Wayne, Ind.
- NOX-EM-ALL Sheathing, Barrett Co., 40 Rector, New York, N. Y.
- NOX-TOX Crate Opener, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- NU-AIRFO Minnow Pails, Mit-Shel Stamping Mfg. Co., Quincy, Ill.
- NU-AIR Roof Ventilators, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- NU-ALPINA Revolving Ventilators, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- NU-ART Linoleum Binding and Numbers, Metal Mouldings, Macklanburg-Duncan Co., Oklahoma City, Okla.
- NU-CALK Caulking Compound, Macklanburg-Duncan Co., Oklahoma City, Okla.
- NUCUT Files & Rasps, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.
- NU-CORD Sash Cord, Silver Lake Co., 99 Chauncy, Boston, Mass.
- NUECO Varnishes, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- NU-FELT Weatherstrip, Wirfs-Bosley Corp., 3242 N. California Ave., Chicago, Ill.
- NU-GLOSS Furniture Polish, Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.
- NU-GLAZE Glazing Compound, Macklanburg-Duncan Co., Oklahoma City, Okla.
- NU GREEN For Treating Brown Patch, Bayer-Semesan Co., Inc., Wilmington, Del.
- NU-GRIP Tinner's Snips, Wiss (J.) & Sons Co., 33 Littleton Ave., Dept. A, Newark, N. J.
- NU-GRIP Steel Fishing Rods, Gephart Mfg. Co., 224 W. Illinois, Chicago, Ill.
- NU-KOIL Weatherstrip, Macklanburg-Duncan Co., Oklahoma City, Okla.
- NULUSTRE Automobile and Furniture Polishers, Boston Varnish Co., 529 Everett Station, Boston, Mass.
- NU-METAL Weatherstrip, Macklanburg-Duncan Co., Oklahoma City, Okla.
- NU-MOL Hack Saws, Disston (Henry) & Sons, Inc., (Tacony), Phila., Pa.
- NURSERY Clothes Racks, Clark (J. R.) Co., Minneapolis, Minn.
- NU-SLYDE Weatherstrip, Chamberlin Metal Weatherstrip Co., Inc., 1254 La Brosse, Detroit, Mich.
- NU-STILE Fireplace Screens, Chamberlin Metal Weatherstrip Co., Inc., 1254 La Brosse, Detroit, Mich.
- NU VIA Glass Substitute, Sol-O-Lite Mfg. Co., 1451 N. Cicero Ave., Chicago, Ill.
- NUWAL Flat, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- NUWAL MAGIC GLOSS, Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood) Cincinnati, Ohio.
- NU-WAY Liquid Wax Polish, Sheffield Bronze Powder & Stencil Co., 12405 Euclid Ave., Cleveland, Ohio.
- NU-WAY Weatherstrip, Screen Door Grilles, Thresholds, Automatic Door Bottoms, Push Bars and Plates, Cast Signs, Tablets, Ornamental Grilles, Macklanburg-Duncan Co., Oklahoma City, Okla.
- NYOIL Lubricating Oils, Nye (Wm. F.), Inc., New Bedford, Mass.

## O

- O & D (On & dry) Varnishes & Stains, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood) Cincinnati, Ohio.
- OE HAND LAWN MOWERS, Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.
- OEP Hand Lawn Mowers, Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.
- OK Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.
- OK Barn Door Hangers, Garage Hardware, Trolleys & Tracks, Hay Unloading Tools, Carriers, Hay Fork Pulleys, Barrel & Spray Pumps, Hand Power Field Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- OK Bolt & Rivet Clippers, Porter (H. K.), Inc., Everett, Mass.
- OK Clothes Washing Machines, Brammer Mfg. Co., Davenport, Iowa.
- O. K. Crow Repellents, Cedar Hill Formulas Co., New Britain, Conn.
- O. K. Garage Door Holders, Sharon Hardware Mfg. Co., Sharon, Pa.
- O. K. Hay Carrier Slings, Starling, Inc., Harvard, Ill.
- O. K. Electric Hedge Trimmers, Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.
- OK JR Pipe & Bolt Stocks & Dies, Taps & Dies, Screw Plates, Greenfield Tap & Die Corp., Greenfield, Mass.
- O. AMES Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- 100 PLUS Screw Drivers, Stanley Tools, Div. of Stanley Works, New Britain, Conn.
- OAKDALE Oil Burning Circulating Heaters, Oakland Fdry. Co., Belleville, Ill.
- OAKLAND Corn Hooks, Grass Hooks, North Wayne Tool Co., Oakland, Me.
- OAKLAND Gas Ranges, Circulating Oil Burning Heaters, Oakland Fdry. Co., Belleville, Ill.
- OAK Garden Hose, Goodyear Tire & Rubber Co., Akron, Ohio.
- OAK REST Circulating Oil Burning Heaters, Oakland Fdry. Co., Belleville, Ill.
- OBBERG Files & Raps & Rotary Files, (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- O'BOY Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- OCEANIC Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- OCEAN WAVE Electric Clothes Washing Machines, Voss Bros. Mfg. Co., Davenport, Pa.
- O-CEDAR Mops, Dusters, Polishes, Insecticides, Wax Polishes, Dust Cloths, Wax Applicators, Window Cleaning Compounds, Rug and Upholstery Cleaners, O'Carroll Corp., 4501 S. Western Ave., Chicago, Ill.
- OCTAGONAL Shingles, Barrett Co., 40 Rector, New York, N. Y.
- OCOTLE Nail Hammers, Mayhew Steel Products, Inc., Shelburne Falls, Mass.
- OFF-WAX Wax Removers, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.
- OFFICIAL Boy Scout Axe, Bridgeport Hardware Mfg. Co., Bridgeport, Conn.
- OFFICIAL Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- OFFICIAL Rat & Mouse Traps, Animal Trap Co. of America, Lititz, Pa.
- OFFICIAL Scout Axe, Plumb (Fayette R.), Inc., Phila., Pa.
- OHIO-BUCKEYE Stove Pipe, Reeves Steel & Mfg. Co., Dover, Ohio.
- OHIO Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- OHIOLOCK Stove & Furnace Pipe, Reeves Steel & Mfg. Co., Dover, Ohio.
- OHIO Paper Hangers, Paint & Varnish, Dust & Glue Brushes, Wooster Brush Co., Wooster, Ohio.
- OHIO Pattern Cow Ties, Ney Mfg. Co., Canton, Ohio.
- OHIO Plasterers' Trowels, Ohlen-Bishop Co., Columbus, O.
- OHIO Snow Shovels, Wood Shovel & Tool Co., Piqua, Ohio.
- OHIO Stove Pipe, Stove Pipe Collars, Elbows, etc., Ohio Stove Pipe & Mfg. Co., 2104 Woodland Ave., Cleveland, Ohio.
- OHIO Wire Stretchers, Ney Mfg. Co., Canton, Ohio.
- OHLEN-BISHOP Cross-Cut Saws, Ohlen, Bishop Co., Columbus, Ohio.
- OLIFTER Automatic Fuel Pump for Oil Burning Heaters, Automatic Products Co., 2442 N. 32nd, Milwaukee, Wis.
- OIL-O-STAT Brooders, Makomb Steel Products Co., Macomb, Ill.
- OIL-RITE Windmills, Stover Mfg. & Engine Co., Freeport, Ill.
- OIL-TITE Cartridges, Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn.
- OKONITE Friction & Rubber Tape, Okonite Co., Passaic, N. J.
- OLD CHELSEA Paints, Johnston (R.F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- OLD DUTCH Porcelain, Tile and Marble Cleaners, Cudahy Packing Co., Anchor Glue Div., Dept. 1, Chicago, Ill.
- OLD ENGLISH Floor & Linoleum Wax, Paste, Wood Filler, Floor Polishing Brushes, Furniture Polish, Rug & Upholstery Cleaner, Bryl (A. S.) Co., Div. American Home Products Corp., 257 Cornelian Ave., Jersey City, N. J.
- OLD ENGLISH Liquid Putty, Hammond Paint & Chemical Co., Beacon, N. Y.
- OLD FAITHFUL Axes, Warren Axe & Tool Co., Warren, Pa.
- OLD HICKORY Farm & Garden Tools, Union Fork & Hoe Co., Columbus, O.
- OLD HONESTY Wood Paint, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.
- OLD LITH Semi-Paste Paint, Passonno-Hutcheon Co., 9808 Meech Ave., Cleveland, Ohio.
- OLD TIMER Axes, Collins Co., Collinsville, Conn.
- OLT Duck, Crow, Hawk and Grouse Callers, Olt, Philip S., Dept. E, Pekin, Ill.
- OLYMPIAN Electric Ranges, Standard Electric Mfg. Corp., Toledo, Ohio.
- OLYMPIC Hickory Handiots, Bruner-Ivory Handle Co., Hope, Ark.
- OLYMPIC Roller Skates, Kingston Products Corp., Kokomo, Ind.
- OMEGA Fence Posts, Bethlehem Steel Co., Bethlehem, Pa.
- OMEGA Spoons, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- ONCE-OVER Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- ONE-KOTE Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- ONE LOCK Adjustable Reamers, Morse Twist Drill & Mach. Co., New Bedford, Mass.
- ONE MINUTE Hand Trucks, McKinney Mfg. Co., Metropolitan, Pittsburgh, Pa.
- ONE-PUNCH Dandelion Puller, Casey-Ball & Co., Albion, Neb.
- ONEIDA JUMP Animal Trap, Animal Trap Co. of America, Lititz, Pa.
- ONEIDA VICTOR Animal Trap, Animal Trap Co. of America, Lititz, Pa.
- ONE-SPOT Insect Exterminators, One-Spot Co., Elkridge, Mo.
- ON-GARD Weatherstrip, Macklambury-Duncan Co., Oklahoma City, Okla.
- ONTARIO Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.
- O-PAN-TOP Carpet Sweepers, Landers, Fray & Clark, New Britain, Conn.
- OPAL Wire Screen Cloth, New York Wire Cloth Co., 500 5th Ave., New York, N. Y.
- OPEN-HEAD Garden Sprayers, Brown (E. C.) Co., Rochester, N. Y.
- OPEX Furniture Polishes, Sherwin-Williams Co., Cleveland, Ohio.
- OPTIMUS Camp Stoves, Lanterns, Blow Torches, Room Heaters, Miller (Robert E.), Inc., 55 Pearl, New York, N. Y.
- OPTIMUS Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- OPTO-MATIC Constant Level Lubricators, Trico Fuse Mfg. Co., Milwaukee, Wis.
- ORANGE-STRIPE Garnet Abrasive Cloth and Paper, Clover Mfg. Co., Norwalk, Conn.
- ORCHARD Tree Pruners & Trimmers, Seymour Smith & Son, Inc., Oakville, Conn.
- ORCHID Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primors, D-I County, Pa.
- ORIENTAL Screen Cloth, Hanover Wire Cloth Co., Hanover, Pa.
- ORIENTAL Wiggler Artificial Fish Bait, American Fork & Hoe Co., Geneva, Ohio.
- ORIGINAL Greenhouse White Paint, Hammond Paint & Chemical Co., Beacon, N. Y.
- ORIOLE Carpet Tacks, Holland Mfg. Co., Central Ave. & Bank, Baltimore, Md.
- ORIOLE Fishing Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- ORIOLE Garage Vises, Parker (Chas.) Co., Meriden, Conn.
- ORION Flashlights, Batteries, Bond Electric Corp., New Haven, Conn.
- OSBORN Wire, Bamboo, Fibre, Rattan Brooms & Brushes, Tile, Sink & Window Cleaners, Polishing Wheels, etc., Osborn Mfg. Co., 6401 Hamilton Ave., Cleveland, Ohio.
- OSHKOSH Horsehoes, Giant Grip Mfg. Co., Oshkosh, Wis.
- O'SHAUGHNESSY Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- O-SO-EZY Mops and Polishes, O-Cedar Corp., 4501 S. Western Ave., Chicago, Ill.
- OT-4 Hand Lawn Mowers, Philadelphia Lawn Mower Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.
- OT-5 Hand Lawn Mowers, Philadelphia Lawn Mower Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.
- OTTER Leather Belting, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- OUR WINNER Riding Saddle Pads, American Pad & Textile Co., Greenfield, Ohio.
- OUT-O-SIGHT Mole Trap, Animal Trap Co. of America, Lititz, Pa.
- OUT-U-KUM Weed Pullers, Norcross (C. S.) & Sons, Bushnell, Ill.
- OUTDOOR TACKHOLE Rifle Cartridges, Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn.
- OUTSO-LITE Paints, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.
- OVENEX Tin Ware, Katzing (Edward) Co., 1949 N. Cicero Ave., Chicago, Ill.
- OVER-THE-TOP Garage Door Over Head Acting Hardware, Frantz Mfg. Co., Sterling, Ill.
- OVER-WAY Garage Door Hardware, Overhead Acting Steel & Wood Garage Doors, Richards Wilcox Mfg. Co., Aurora, Ill.
- OWOSSO Window & Door Screens, Knock Down Window Screen Frame Combination Screen & Storm Doors, Continental Screen Co., 1231 Book Bldg., Detroit, Mich.
- OWL Forks, Hoes & Rakes, Ames Baldwin Wyoming Co., Parkersburg, W. Va.
- OXFORD Fishing Rods, American Fork & Hoe Co., Geneva, O.
- OXFORD Mechanics Tools, Oxford Tool Co., 1683 N. 2nd, Phila., Pa.
- OXIDIZED Carbon Cement Acid and Alkali Resisting Paint, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.
- OZARK Cross Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.

## P

- P. D. Q. Paint & Varnish Cleaners, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.
- P-K License Plate Fasteners, Parker-Kalon Corp., 200 Varick, New York, N. Y.
- P-V Logging Tools, Peavey Mfg. Co., Brewer, Me.
- PACE MAKER Hand Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- PACEMAKER Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- PACEMAKER Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- PAINE Electrical, Hardware, Plumbing, Mill Supply Specialties, Paine Co., 2555 Carroll Ave., Chicago, Ill.
- PAINTERS Pride Step Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- PAKRON REEL, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PAL Angler's Clips, Cook (A. C.) Co., Ansonia, Conn.
- PAL-MOS Safety Window Seat & Children's Swing, Pal-Mos Mfg. Co., 2191 W. 59th, Cleveland, Ohio.
- PAL Outboard Boat Motors, Evnruide Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- PALMA KLEANBORE CARTRIDGES, Remington Arms Co., Inc., Bridgeport, Conn.
- PALMA MATCH Cartridges, Remington Arms Co., Inc., Bridgeport, Conn.
- PAL-O-MINE Artificial Fish Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PANAMA Hand Power Field Sprayers, Spray Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- PANAMOID Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- PANSAR Milled Tooth Files (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- PA-SE-CO Brand Seed Corn, Page Seed Co., Greene, N. Y.
- PANTHER Friction & Rubber Tape, Hazard Insulated Wire Wks., Division of Okonite Co., Wilkes-Barre, Pa.
- PAQ Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- PAR Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PARADOX Adjustable Reamers, Cleveland Twist Drill Co., Cleveland, Ohio.
- PARAGON Eye-Let Pliers, Leather Pliers, Revolving Head Pliers, Ticket Pliers, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.
- PARAGON Hand Lawn Mowers, F & N Lawn Mower Co., Richmond, Ind.
- PARAGON Point Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- PARAGON Pruning Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- PARAMOUNT, Coal, Gas, Hotel, Restaurant Ranges, Malleable Iron Range Co., 65 Lake, Beaver Dam, Wis.
- PARAPIN Grafting Wax, Clark (Walter E.) & Son, Milford, Conn.
- PARATOX Insect Exterminator, Lethelin Products Co., Wood Ridge, N. J.
- PARAVASELINE Rifle & Gun Grease, Remington Arms Co., Inc., Bridgeport, Conn.
- PARD Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PAREX Safety Corn Knives, American Safety Razor Corp., 303 Jay, Brooklyn, N. Y.
- PARK CITY Shears, Acme Shear Co., 150 Joseph, Bridgeport, Conn.
- PARKER'S Machinists and Combination Vises, Parker (Chas.) Co., Meriden, Conn.
- PARKHOUND Power Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- PARK Lawn Sprinklers, Park Sprinkler Mfg. Co., 4251 Marquette Ave., Jacksonville, Fla.
- PARMAK Electric Fence Controllers, Parker-McCory Mfg. Co., 2611 Walnut, Kansas City, Mo.
- PAR-O-KEET Varnishes, Lowe Bros. Co., Dayton, Ohio.
- PAR-OVAL Golf Bags, Atlantic Products Corp., Trenton, N. J.
- PARROT Carpet Tacks, Roberts (G. G.) Corp., Whitman, Mass.
- PARROT HEAD Pruning Shears, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.
- PARROT Metal Polish, Cudahy Packing Co., Anchor Glue Div., Dept. 1, Chicago, Ill.
- PARSONS Asbestos and Slate Cutters, Parsons Bros. Slate Co., Pen Argy, Pa.
- PAR-X Rotary Pump, Par-X Pump Corp., 400 Stinson Blvd., Minneapolis, Minn.
- PASTIME Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PATCH-IT Patching Plaster, Alabastine Co., 835 Chicago Drive, S. W., Grand Rapids, Mich.
- PATHFINDER Garden Hose, Goodyear Tire & Rubber Co., 1114 Market, Akron, Ohio.
- PATHFINDER Snow Shovels, Rugg Mfg. Co., Greenfield, Mass.
- PAT-O-NEIL Wall Paints, O'Neil Duro Co., 2156 S. 4th, Milwaukee, Wis.

- PATRICIAN** Plastic Door Knobs and Lock Sets, Lockwood Hdwe. Mfg. Co., Fitchburg, Mass.
- PATSY PRIM** Dust Pans, Patent Novelty Co., Fulton, Ill.
- PATTONS** Kalsomine, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- PATTONS** Sun Proof Cement Paints, Roof Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- PAUL BUNYAN** Axes, Kelly Axe & Tool Works, of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- PEABODY** Windlasses, Laughlin (Thomas) Co., Portland, Me.
- PEARL** Window Screen Cloth, Gilbert & Bennett Mfg. Co., Blue Island, Ill.
- PEARSON** Cement Coated Nails, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- PEARSON** Cement Coated Nails, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
- PEASE** Belt Dressing, Grease & Oil Cups, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- PECORA** Calking Compound, Calking Guns, Asbestos Furnace Cement, Roof Coatings, Patching Plaster, Sash, Stove & Boiler Putty, Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa.
- PEDICLIP** Toe Nail Clippers, Cook (H. C.) Co., Ansonia, Conn.
- PEDIGREED** Hickory Handles, Turner Day & Woolworth Handle Co., Inc., Louisville, Ky.
- PEERLESS** Artificial Fish Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PEERLESS** Automobile Tires, United States Rubber Co., 1790 B'way, New York, N. Y.
- PEERLESS** Axes, Kelly Axe & Tool Works, of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- PEERLESS** Carpet Tacks, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- PEERLESS** Door Holders, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.
- PEERLESS** Electric Soldering Irons, Peerless Novelty Co., 105 Fulton, Grand Haven, Mich.
- PEERLESS** Folding Chairs, Cots and Card Tables, Garden, Lawn & Porch Furniture, Tucker Duck & Rubber Co., Fort Smith, Ark.
- PEERLESS** Grinders, Behr-Manning Corp., Troy, N. Y.
- PEERLESS** Hand Power Field Sprayers, Hay Carriers, Spray & Bucket Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- PEERLESS** Handscraws, Adjustable Clamp Co., 411 N. Ashland Ave., Chicago, Ill.
- PEERLESS** Hose Nozzles, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- PEERLESS** Ice Cream Freezers, Alaska Freezers Co., Inc., Winchendon, Mass.
- PEERLESS** Ice Cream Freezers, Peerless Freezer Co., Winchendon, Mass.
- PEERLESS** Lawn Mower Grinders and Skate Sharpeners, Fate-Root-Heath Co., 1838 High, Plymouth, Ohio.
- PEERLESS** Push Bars, Kick & Push Plates, Door Handles, Thresholds, Peerless Bronze & Aluminum Co., 723 Gratiot Ave., Detroit, Mich.
- PEERLESS** Self-Filling Grass Lawn Mower Catchers, F. & N. Lawn Mower Co., Richmond, Ind.
- PEERLESS** Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- PEERLESS** Shower Stalls, Peerless Steel Equipment Co., 1010 N. Ogden Ave., Chicago, Ill.
- PEERLESS** Step Ladders, Babcock (W. W.) Co., Bath, N. Y.
- PEERLESS** Wood & Steel Bar Clamps, Adjustable Clamp Co., 411 N. Ashland Ave., Chicago, Ill.
- PEG** Rubber Mats, Auburn Rubber Corp., Auburn, Ind.
- PEGGY** Watches, Ingersoll-Waterbury Co., Waterbury, Conn.
- PEGGY PRIM** Dust Pans, Patent Novelty Co., Fulton, Ill.
- PELHAM** Sash Cord, Silver Lake Co., 99 Chauncy, Boston, Mass.
- PELICAN** Artificial Fish Baits, Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PENDANT** Watches, Ingersoll-Waterbury Co., Waterbury, Conn.
- PEN Dux** Rubber Bowling Game, Auburn Rubber Corp., Auburn, Ind.
- PENGUIN** Ice Cream Freezers, Conco Engineering Wks., Mendota, Ill.
- PENNA-LITE** Hand Lawn Mowers, Pennsylvania Lawn Mowers Works, Inc., Primos, Del. County, Pa.
- PENNANT** Fishing Rods, American Fork & Hoe Co., Geneva, Ohio.
- PENNELL** Fishing Flies, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PENNSYLVANIA GOLF** Hand Lawn Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA JUNIOR** Hand Lawn Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA MOTOR** Power Lawn Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA NEW FAIRWAY** Power Lawn Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA PONY** Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA PUTTING GREEN** Lawn Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA STANDARD** Hand Lawn Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA SUPER FAIRWAY** Power Lawn Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA SUPER ROLLER** Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA TRIO** Gang Horse Lawn Mower, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNSYLVANIA UNDERCUT** Lawn Edgers & Trimmers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PENNVERNON** Window Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- PENNWOVEN** Wire Cloth, Pennsylvania Woven Wire Co., 115 Washington, Lock Haven, Pa.
- PENOBSCOT** Snow Shoes, American Fork & Hoe Co., Geneva, Ohio.
- PEP** Rowing Exercising Machines, Johnson (Alfred) Skate Co., 2846 W. North Ave., Chicago, Ill.
- PERCOPROOF** Wall Paint, Dampproofing, Carey (Philip) Co., Lockland, Ohio.
- PERFECTED** ZZ Emery Wheel Dressers, Desmond-Stephan Mfg. Co., Urbana, Ohio.
- PERFECT** Automatic Grapple, Horse Grapple, Harpoon, Hay Forks, etc., Myers (F. E.) & Bro., Ashland, Ohio.
- PERFECT** Axes, Bush Hooks, Hatchets, Hammers, Weed Cutters, Seythes, Grass Hooks, Kelly Axe & Tool Works, of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- PERFECT** Balance Rotary Brushes, Pittsburgh Plate Glass Co., Brush Division, Baltimore, Md.
- PERFECT** Connecting Links, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PERFECT CUTTER** Grass Hooks, Winsted Mfg. Co., Inc., Winsted, Conn.
- PERFECT FIT** Metal Ceilings, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- PERFECT** Snells, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PERFECT** Spray Pumps, Well Cylinders, Knapsack Hand Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- PERFECTION** Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- PERFECTION** Door Springs, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- PERFECTION** Door Springs, American Wire Fabrics Corp., 41 E. 42nd, New York, N. Y.
- PERFECTION** Floor Scraper, Saw Tools, etc., Atkins (E. C.) & Co., Indianapolis, Ind.
- PERFECTION** Flour Sifters, National Enamelling & Stamping Co., Milwaukee, Wis.
- PERFECTION** Glass Cutting Boards, Lufkin Rule Co., Saginaw, Mich.
- PERFECTION** Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.
- PERFECTION** Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- PERFECTION** Hickory Handles, Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky.
- PERFECTION** Kerosene Stoves, Ranges, Water Heaters, Baking Ovens, Broilers, Toasters, Wicks, Wick Cleaners, Oven Thermometers, Oil Burning Garage Heaters, Oil Burning Furnace, Perfection Stove Co., 7666 Platt Ave., Cleveland, Ohio.
- PERFECTION** Mitre Boxes, Union Hardware Co., Torrington, Conn.
- PERFECTION** POST HOLE DIGGER, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- PERFECTION** Post Hole Diggers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- PERFECTION** Pruning Shears, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.
- PERFECTION** Rubber Belting, Boston Woven Hose & Rubber Co., Cambridge, Mass.
- PERFECTION** GOLD EDGE Transmission Belting, Boston Woven Hose & Rubber Co., Cambridge, Mass.
- PERFECTION** JUNIOR Dairy & Camp Stoves, Perfection Stove Co., 7666 Platt Ave., Cleveland, Ohio.
- PERFECTION** Screen Door Sets, Griffin Mfg. Co., Cherry & Huron, Erie, Pa.
- PERFECTION** Weedless Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PERFECTION** Wood Fillers, Acme White Lead & Color Works, 8260 St. Aubin Ave., Detroit, Mich.
- PERFECTLITE** Medicine Cabinets, Columbia Metal Box Co., 260 E. 143rd, New York, N. Y.
- PERFECTO** Fruit Jar Wrench, Thomas Products Co., 15473 Indiana Ave., Detroit, Mich.
- PERFO-SIPHON** Beverage Dispensers, Vaughan Novelty Mfg. Co., 3211 Carroll Ave., Chicago, Ill.
- PERMADURA** Paints, Enamels, Floor & Spar Varnish, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- PERMATITE** Caulking Compound, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.
- PERMETEX** Plastic Paint, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.
- PEST-KIT**, Kit Containing Material to Combat Insects & Diseases, Hammond Paint & Chemical Co., Beacon, N. Y.
- PET** Laundry Stoves, Coal Heaters, Gray & Dudley Co., 222 3rd Ave. N., Nashville, Tenn.
- PETER WRIGHT & SONS** Blacksmiths' Anvils, (British), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.
- PETERS** Shotgun Shells, Pistol & Rifle Cartridges, etc., Peters Cartridge Co., 939 Barnum Ave., Bridgeport, Conn.
- PETITE** Bathroom Scales, Hanson Scale Co., 523 N. Ada, Chicago, Ill.
- PEXTO** Mechanics Tools, Scale Beams, Builders Hardware, Sheet Metal Working Machines, etc., Peck, Stow & Wilcox Co., Southington, Conn.
- PFLUEGER** Bull Dog Fishing Flies, Artificial Fish Baits, Fishing Lines, Furnished Fishing Lines, Spoons & Spinners, Snelled Fish Hooks, Fishing Floats, Fishing Leaders, Floating Tournament Casting Weight, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PFLUEGER** FAN TAIL Squid, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PFLUEGER** NON-PAREIL Casting Fish Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PFLUEGERS** SHOOFLY Insect Cream, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PFLUEGER** SUPEREX Fishing Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PHANTOM** Artificial Fish Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PHENIX** Storm Sash, Combination Doors, Screens, Screen & Storm Sash Hardware, Phenix Mfg. Co., 2684 N. Humboldt Blvd., Milwaukee, Wis.
- PHILADELPHIA** Hand Lawn Mowers, Power Lawn Mowers, Lawn Edgers & Trimmers, Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.
- PHILADELPHIA** Window & Door Screens, Knock Down Window Screen Frames, Continental Screen Co., 1323 Book Bldg., Detroit, Mich.
- PHILA-FLASH** Hand Lawn Mowers, Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.
- PHIL A JUST** Lawn Mowers, Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.
- PHILLIPS** Machine Screws, Sheet Metal Screws, Wood Screws, Pheoll Mfg. Co., 5700 Roosevelt Rd., Chicago, Ill.
- PHILLIPS** Machine Screws, Wood Screws, Stove Bolts, Sheet Metal Screws, American Screw Co., Providence, R. I.
- PHILLIPS** Stove Bolts, Sheet Metal Screws, Wood Screws, Southington Hdwe. Co., Southington, Conn.
- PHILLIPS** Machine Screws, Wood Screws, Stove Bolts, Sheet Metal Screws, Corbin Screw Corp., New Britain, Conn.
- PHILLIPS** Machine Screws, Stove Bolts, Sheet Metal Screws, Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
- PHILLIPS** Screw Driver Bits, North Bros. Mfg. Co., Lehigh Ave. & American, Phila., Pa.
- PHILLIPS** Screw Drivers, Barcalo Mfg. Co., Buffalo, N. Y.
- PHILLIPS** Screw Drivers, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- PHILLIPS** Screw Drivers, Forsberg Mfg. Co., Bridgeport, Conn.
- PHILLIPS** Screw Drivers, Great Neck Saw Mfrs., Inc., Great Neck, L. I.
- PHILLIPS** Screw Drivers, Miller Falls Co., Greenfield, Mass.
- PHILLIPS** Screw Drivers, Ritter-Carlton Co., Inc., 373 4th Ave., New York, N. Y.
- PHILLIPS** Screw Drivers and Screw Driver Bits, Stanley Rule & Level Plant, New Britain, Conn.
- PHILLIPS** Sheet Metal Screws, Parker-Kalon Corp., 200 Varick, New York, N. Y.
- PHILLIPS** Wood Screws, National Screw & Mfg. Co., 2440 E. 75th, Cleveland, Ohio.
- PHIX** Wood Paste & Fillers, Ray-O-Vac Co., Madison, Wis.
- PHOENIX** Chain Hooks & Cold Shuts, Phoenix Mfg. Co., Joliet, Ill.
- PHOENIX** Horse, Mule & Pony Shoes, Chain Hooks, Cold Shuts, Force Cups, Rubber Mats, Phoenix Manufacturing Company, Joliet, Ill.
- PHOENIX** Rubber Link Mats, Phoenix Rubber Co., 9205 Detroit Ave., Cleveland, Ohio.
- PHOENIX** Sash Cord, Wrapping Twines, Dumbwaiter Rope, Awning Lines, Samson Cordage Wks., 89 Broad, Boston, Mass.
- PIASA** BIRD Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- PICNICKER** Gasoline Camp Stoves, Turner Brass Works, Sycamore, Ill.



- PIED-PIPER Shovels, Spades & Scoops, Hamlin Metal Products Co., 58 W. Exchange, Akron, Ohio.
- PIKE Combination Razor Hones, Behr-Manning Corp., Troy, N. Y.
- PILGRIM Hand Lawn Mower, Lawn Trimmer & Edger, Blair Mfg. Co., Springfield, Mass.
- PILGRIM Ice Cream Freezers, New Standard Corp., Mt. Joy, Pa.
- PILOT Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PILOT Wheelbarrows, American Steel Scraper Co., Sidney, O.
- PINE-ALL Disinfectants, Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.
- PINNACLE Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- PIONEER Camp Lamps, Hanging Lanterns, Cold Blast Lanterns, Diets (R. E.) Co., 60 Laight, New York, N. Y.
- PIONEER Furniture Casters, Schacht Rubber Mfg. Co., Huntington, Ind.
- PIONEER Abrasive Paper, Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.
- PIPE SEAL Pipe Joint Cement, Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.
- PIPPIN WOBBLER Artificial Fish Baits, Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PIQUA Spades, Scoops, Shovels, Wood Shovel & Tool Co., Piqua, Ohio.
- PITCAIRN Aluminum, Gold & Bronze Paints, Varnishes, Paint & Varnish Removers, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- PITCO Polish Plate Glass, & Store Fronts, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- PITTSBURGH Chain Link Wire Fence, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- PITTSBURGH CHICITTE Wire Fence, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- PITTSBURGH HINGE-JOINT Wire Fence, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- PITTSBURGH Lawn Fence & Gates, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- PITTSBURGH Oil Colors, Wood Fillers, Barn Paints, Graphite Paint, Paint Cleaner, Floor Cleaner, Brush Cleaner, Patching Plaster, Household Cement, Roof Paint, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- PITTSBURGH STIFF-STAY Wire Fence, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- PIVOT-LIFT Garage Door Equipment, Frantz Mfg. Co., Sterling, Ill.
- PLAIN Cross Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- PLANET Clothes Lines, Puritan Cordage Mills, Louisville, Ky.
- PLANET Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- PLANET JR Garden Cultivators, Hoes, Plows, Tractors, etc., Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila., Pa.
- PLASCO Graphite Paints, Ready Mixed Paints, Wall Paints, Varnishes, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- PLASTELLE Lock Sets, Lockwood Hdwe. Mfg. Co., Fitchburg, Mass.
- PLASTERGRIP Wall Primer, Gillespie Varnish Co., 131 Dey, Jersey City, N. J.
- PLASTICO Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- PLASTIC Wood, Wood Paste, Boyle (A. S.) Co., Div. American Hdwe. Products Corp., 257 Cornelson Ave., Jersey City, N. J.
- PLASTEX Texture Paints, Reardon Co., St. Louis, Mo.
- PLAYBOY Model Airplane Kit, Cleveland Model & Supply Co., Inc., 4508-D87 Lorain Ave., Cleveland, Ohio.
- PLAYBOY Speed Cars & Coaster Wagons, Murray-Ohio Mfg. Co., 115 E. 152nd, Cleveland, Ohio.
- PLA-MATE Electric Lanterns, Bond Electric Corp., New Haven, Conn.
- PLAX Enamel Paint, Lowe Bros. Co., Dayton, Ohio.
- PLEXITE Safety Glass, American Window Glass Co., 1609 Farmers Bank Bldg., Pittsburgh, Pa.
- PLEXUS Fishing Lines, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- PLUMB CHAMPION Axes, Plumb (Fayette R.), Inc., 4837 James, Phila., Pa.
- PLUMB Mechanic Tools, Plumb (Fayette R.), Inc., 4837 James, Phila., Pa.
- PLUVIUS Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- PLY-E-Z Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- POLYCO Airfilter, Plymouth Cordage Co., Plymouth, Mass.
- PLYMOUTH Bathroom Fixtures, Brey-Krause Mfg. Co., Allentown, Pa.
- PLYMOUTH JR. Bathroom Fixtures, Brey-Krause Mfg. Co., Allentown, Pa.
- PLYMOUTH Rope & Binder Twine, Plymouth Cordage Co., No. Plymouth, Mass.
- POCKET BEN Watches, Westclox Div. of General Time Instruments Corp., La Salle, Ill.
- POINSETTIA Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- POINTCUT Pruning Shears, Porter (H. K.), Inc., Everett, Mass.
- POLICE DOG BRAND Hickory Handles, Turner, Day, & Woolworth Handle Co., Louisville, Ky.
- POL-MER-K Raw or Boiled Linseed Oil, Archer-Daniels-Midland Co., Minneapolis, Minn.
- POLLO Furniture Polish, Cedar Hill Formulas Co., New Britain, Conn.
- POLLY PRIM Dnst Pans, Recipe Cabinets, Sweeping Sets, Patent Novelty Co., Fulton, Ill.
- POLLYANNA Dust Pans, Patent Novelty Co., Fulton, Ill.
- POLIO Hand Horse Clippers, American Shearer Mfg. Co., Nashua, N. H.
- POLYFLEX Door Knobs, Lockwood Hardware Mfg. Co., Fitchburg, Mass.
- PONTIAC Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- PONTIAC Gas Water Heaters, Hotstream Heater Co., 8007 Grand Ave., Cleveland, Ohio.
- PONY Lathe Dogs, Clamp Screws, Cabinet Clamps (Wood Bar), Clamp Fixtures (Steel Bar), Adjustable Clamp Co., 411 N. Ashland Ave., Chicago, Ill.
- PONY Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- POPE Bicycles, Westfield Mfg. Co., Westfield, Mass.
- POPRIE Artificial Fish Baits, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- POPULAR Paints, Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.
- PORCELET Outlet Boxes, Porcelain Products, Inc., Findlay, Ohio.
- PORCHIDE Floor Paints, Pittsburgh Plate Glass Co., Paint Div., Grant Bldg., Pittsburgh, Pa.
- PORCUPINE Quill Fishing Floats, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- PORKSIDE Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- PORO Tea Strainers, A. & J. Kitchen Tool Co., 1949 N. Cicero Ave., Chicago, Ill.
- POROUSEAL Wall Paint, Wall Primer, Primers, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- PORTABLE Gas Furnace Lighters, Thomas Products Co., 15473 Indiana Ave., Detroit, Mich.
- PORTABLE Hand Power Field & Hand Cart Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- PORTABLE Spray Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- PORTAGE Artificial Fish Baits, Spoons & Spinners, Fishing Tackle Assortments, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- PORTER Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- PORTER Window & Door Screens, Knock Down Window Screen Frames, Combination Screen & Storm Doors, Continental Screen Co., 1121 Book Bldg., Detroit, Mich.
- PORTO Portable Garages, Milcor Steel Co., S. 41 Ave. & W. Burnham, Milwaukee, Wis.
- POST-O-METER Parcel Post Scales, Jacobs Bros. Co., Inc., 1 Main, Bklyn, N. Y.
- POTTER Belt Fasteners, Sawyer Belt Hook Co., Pawtucket, R. I.
- POWERFUL PETE Key Chain Screw Drivers, Cook (H. C.) Co., Ansonia, Conn.
- POWER KING Woodworking Tools, Power King Tool Corp., 706 E. Market, Warsaw, Ind.
- POWER MASTER Steel Fishing Rods, American Fork & Hoe Co., Geneva, O.
- POWER-PAKT Electric Fans and Electric Speed Mixers, Alliance Mfg. Co., Alliance, Ohio.
- P. R. RUBBER & Friction Tape, Plymouth Rubber Co., Inc., Canton, Mass.
- PRACTICE TRAP Target Traps, Western Cartridge Co., Dept. 50, East Alton, Ill.
- PRAIRIE Corn Cribbs, Wire Fence, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- PRAIRIE Wire Fence, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
- PRECISION EZXS Cartridges, Winchester Repeating Arms Co., New Haven, Conn.
- PREMAX Radio Mast Fittings, Metal Numbers & Figures, Aerial Kits, Test Poles & Stakes, Tennis Posts, Lawn Sprinklers, Fishing Rods, Electric Worm Changers, Premax Products Division, Chisholm-Ryder Co., Inc., 9000 College Ave., Niagara Falls, N. Y.
- PREMIER Black & Galvanized Steel Sheets, Black & Galvanized Copper Alloy Sheets, Wood Heaters, Reeves Steel & Mfg. Co., Dover, Ohio.
- PREMIER Ironing Boards, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- PREMIER Reel Drag, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PREMIER Spring Hinges, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.
- PREMIER Wire Fence, Jackson Fence Co., Jackson, Mich.
- PREMIER Wire Stretchers, Ney Mfg. Co., Canton, Ohio.
- PREMIUM Fishing Leaders, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- PRENTISS Machinists and Woodworkers' Vises, Prentiss Vise Co., Little Falls, N. Y.
- PRESTO Egg Beater, Indestro Mfg. Corp., 2675 N. Kildare Ave., Chicago, Ill.
- PRESTO Electric Paint Sprayer, Metal Specialties Mfg. Co., 3208 Carroll Ave., Chicago, Ill.
- PRESTON Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- PREWAY Auto Cook Kits, Blow Torches, Heaters, Ice Boxes, Lanterns, Stoves and Ranges, Prentiss Wabers Products Co., Wisconsin Rapids, Wis.
- PRIBNOW Upset Swages, Atkins (E. C.) & Co., Indianapolis, Ind.
- PRIDE OF VERMONT Axes, Rixford Mfg. Co., East Highgate, Vt.
- PRIESTS Nos. 1, 7, 12, XX Cattle & Horse Clipping Machines, Sheep Shearing Cutters, Toilet and Horse Hand Clippers, American Shearer Mfg. Co., Nashua, N. H.
- PRIMA-SOTE Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- PRIME Electric Fence Controllers, Prime Mfg. Co., 1669 S. First, Milwaukee, Wis.
- PRIMOS Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- PRIMROSE Cream Separators, International Harvester Co. of America, Inc., 606 So. Michigan Ave., Chicago, Ill.
- PRINCESS Step Ladder Stools, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- PRINCETON Bicycles, Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y.
- PRIZE Corn Brooms, Amsterdam Broom Co., Amsterdam, N. Y.
- PRIZE Medal Wood Carving Tools (British), Alfred Field & Co., 93 Chambers, New York, N. Y.
- PRIZE Oil Ranges and Cook Stoves, Huenefeld Co., 2701 Spring Grove Ave., Cincinnati, Ohio.
- PROBAK Safety Razor Blades, Gillette Safety Razor Co., 15 W. 1st, Boston, Mass.
- PROBAK JR. Safety Razor Blades, Gillette Safety Razor Co., 15 W. 1st, Boston, Mass.
- PROFESSIONAL Fishing Rods, American Fork & Hoe Co., Geneva, Ohio.
- PROFESSIONAL Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.
- PROFESSIONAL Window Cleaners, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.
- PROGRESS Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- PROGRESS Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- PRO Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- PRONTO Casein Paint Remover, Tammis Silica Co., 223 N. La Salle, Chicago, Ill.
- PROPELLER Spinner, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PROTEC-TO Furniture Pads, Tucker Duck & Rubber Co., Fort Smith, Ark.
- PROTECTION Gasoline and Kerosene Torches and Furnaces, Clayton & Lambert Mfg. Co., 111 French Road, Detroit, Mich.
- PROTECTO-LOOP Blasting Caps, Western Cartridge Co., Dept. I-50, East Alton, Ill.
- PROTECTO Meat Basters, Hollis Co., Inc., 207 Market, Newark, N. J.
- PROTECTO Reel Cases, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- PROTECTO-SPOAL Blasting Caps, Western Cartridge Co., Dept. I-50, East Alton, Ill.
- PROTECTOR Poultry Fence, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
- PROTECTOR Poultry Fence, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- PROTECTOR Trackwalkers Lanterns, Diets (R. E.) Co., 60 Laight, New York, N. Y.
- PROTEXT Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- PROTEX Motor Oil, Apex Oil Products Co., 100 N. 17th Ave., Minneapolis, Minn.
- PRO-TEX PAD Gas Range and Refrigerator Top Protectors, Ballonoff Metal Products Co., 5800 Kinsman Rd., Cleveland, Ohio.
- PROUTY Barn Door Latches, Allith-Prouty Inc., Danville, Ill.
- PROVIDENCE Clam & Oyster Knives, Murphys (Robert) Son Co., Ayer, Mass.
- PROWLER-PRUF Sash Locks, Macklanburg-Duncan Co., Oklahoma City, Okla.
- PUL-LIFT Puller Hoist, Yale & Towne Mfg. Co., 4530 Tacony, Phila., Pa.
- PUL-TITE Clothes Line Fasteners, Stanley Wks., New Britain, Conn.
- PULLMAN Sash Balances, Pullman Mfg. Corp., 46 Ford, Rochester, N. Y.
- PULL OUT Safety Chains, Chain Products Co., 3224 Cooper Ave., Cleveland, Ohio.
- PULL-PUSH Flexible Rigid Rules, Stanley Tools, Div. Stanley Works, New Britain, Conn.

PUMPKIN Yellow Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.  
 PUPPYBUNK Dog Cots, Hendryk (Andrew B.) Co., New Haven, Conn.  
 PURITAN Cotton Rope, Clothes Line, Sash Cord, etc., Puritan Cordage Mills, Louisville, Ky.  
 PURITAN Kerosene Stoves & Ranges, Fuel Oil Burning Water Heaters, Perfection Stove Co., 7666 Platt Ave., Cleveland, Ohio.  
 PURITAN Mops, Tate (E. H.) Co., 261 Causeway, Boston, Mass.  
 PURITAN Scissors and Shears, Acme Shears Co., 150 Joseph, Bridgeport, Conn.  
 PURITAN-MAID Clothes Lines, Puritan Cordage Mills, Louisville, Ky.  
 PURPUL Medicated Wax Test Dilators, Moore Bros. Corp. of Albany, Albany, N. Y.  
 PUSH-LESS Picture Hangers, Moore Push Pin Co., 118-125 Berkeley, Phila., Pa.  
 PUSH-OVER Overhead Acting Garage Door Hardware, Allith-Prouty, Inc., Danville, Ill.  
 PUTNAM Disappearing Stairs, Ladders, etc., Putnam & Co., Inc., 30 Howard, New York, N. Y.  
 PUTNAM Spray Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 PUTNAM Spring Clip Clothes Pins, U. S. Clothes Pin Co., Montpelier, Vt.  
 PUTTING Green Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 PYRAMID Wood Fillers, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 PYROXYLIN Enamel Paints, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.

## Q

Q. D. Scotch Enamel Paint, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.  
 QUAKER BURNING Oil Burning Furnace, Ranges, Water Heaters, Space Heaters, Cabin & Trailer Heaters, Quaker Mfg. Co., 221 W. Erie, Chicago, Ill.  
 QUAKER CITY Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.  
 QUAKER CITY Hand Saws, Diaston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 QUAKER Mops, Tate (E. H.) Co., 261 Causeway, Boston, Mass.  
 QUAKER Oil Burning Water Heaters, Coal & Wood Burning Furnace Repairs, Coal & Wood Burning Hot Blast, Oak Stove Repairs, Quaker Mfg. Co., 221 W. Erie, Chicago, Ill.  
 QUAKER STATE Paste Paint, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.  
 QUEEN Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.  
 QUEEN Grass Hooks, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 QUAKER CREEK Axe Stones, Sharpening Stones, Behr-Manning Corp., Troy, N. Y.  
 QUICK-COTE Auto Paints, Enamels, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.  
 QUICKCUT Knife Sharpeners, Sharpening Stones, Pocket Hones, Behr-Manning Corp., Troy, N. Y.  
 QUICK & EASY Cork Pullers, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.  
 QUICK-COTE Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.  
 QUICK-GRIP Hand Scraper, Fletcher Terry Co., Forestville, Conn.  
 QUICKLOCK Interchangeable Stencils, Fletcher, Terry Co., Forestville, Conn.  
 QUICK MAGIC REVIVER Automobile & Furniture Polishes, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.  
 QUICK Metal Automobile & Furniture Polishes, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.  
 QUICK-SET Adjustable Reamers, Cleveland Twist Drill Co., 1242 E. 49th, Cleveland, Ohio.  
 QUICK-TIP Glass Cutters, Fletcher, Terry Co., Forestville, Conn.  
 QUIK-HEAT Electric Heaters, Alliance Mfg. Co., Alliance, Ohio.  
 QUIKWERK Chisels, Crow Bars, Hammers, Picks, Mattocks, Hoes, Railroad Track Tools, Coopers' Tools, PUNCHES, Track Wrenches, Sledges, Tonges, etc., Warren Tool Corp., Warren, Ohio.  
 QUINNEBOG Scythe Stones, Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.

## R

R. C. Extension Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.  
 R. C. B. Hardwood Linoleum, Porcelain, Tile, Marble Cleaners, Paint & Varnish Removers, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 RABBITH Reel Drags, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 RACCO Awning Lines, Chalk & Masons' Lines, Shade Cord, Venetian Blind Cord, Cotton Rope, etc., Raucher Mfg. Co., Norwich, Conn.  
 RACINE P-G Power Lawn Mowers, Jacobsen Mfg. Co., Racine, Wis.  
 RACYCLE Bicycles, Westfield Mfg. Co., Westfield, Mass.  
 RADIANT Floor Polish, Paint Removers, Turpentine, Mop Sticks, Linseed Oil Cleaners, Porcelain, Wall Paper, Scratch Removers, Mops, Paint Cleaners, Midway Chemical Co., Div. American Home Products Corp., 275 Cornelison Ave., Jersey City, N. J.  
 RADIO-LECTRIC Hand Reamers, Wrenches, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 RADIUM Bolt Sisal Rope, Columbian Rope Co., 352 Genesee, Auburn, N. Y.  
 RADIUS Oil Lamps, Lanterns, Campstoves, Torches and Furnaces, (Swedish) Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.  
 RAILWAY Trolley Ropes, Silver Lake Co., 99 Chauncy, Boston, Mass.  
 RAINBOW Garden Hose, United States Rubber Co., 1230 6th Ave., New York, N. Y.  
 RAINBOW Lawn Sprinklers, Durst Mfg. Co., Inc., 468 B'way, New York, N. Y.  
 RAINBOW Lawn Sprinklers, Keystone Brass & Rubber Co., Broad & Lehigh Ave., Phila., Pa.  
 RAINBOW Oiler Assortment, Eagle Mfg. Co., Wellsburg, W. Va.  
 RAINBOW Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood) Cincinnati, Ohio.  
 RAINBOW Pearl Wobblers, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 RAINBOW Pruning Shears, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.  
 RAMBLER Bait Asst., Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 RAMBLER Bicycles, Westfield Mfg. Co., Westfield, Mass.  
 RAMS HORN Floor Scraper, Atkins (E. C.) & Co., Indianapolis, Ind.  
 RANETTE Waterproof Coating, Ranette Mfg. Co., 1917 S. B'way, St. Louis, Mo.  
 RANGEMASTER Rifles, Remington Arms Co., Inc., Bridgeport, Conn.  
 RANGER Acetylene Automobile Head Lights, Dietz (R. E.) Co., 60 Lighthouse, New York, N. Y.  
 RANGER Power Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.  
 RANGER Outboard Motors, Evinrude Motors, Div. Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 RANGER Shot Gun Shells, Winchester Repeating Arms Co., 275 Winchester Ave., New Haven, Conn.  
 RANGETTE Electric Broiler, Swartzbaugh Mfg. Co., Toledo, Ohio.  
 RAPID Corn Shellers, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.

RAPID TRANSIT Dumb Waiters, Energy Elevator Co., 217 New, Phila., Pa.  
 RAPID TRANSIT Machinists' Vices, Prentiss Vice Co., Little Falls, N. Y.  
 RAWL-ANCHOR Anchor Bolts, Rawlplug Co., Inc., 97 Lafayette, New York, N. Y.  
 RAWL-DRILL Rawlplug Drills, Rawlplug Co., Inc., 97 Lafayette, New York, N. Y.  
 RAWL-DRIVE Anchor Bolts, Masonry Nails, Rawlplug Co., Inc., 97 Lafayette, New York, N. Y.  
 RAWLPLUG Screw & Stone Anchors, Fibre Screw Holes, Drill Holders, Screw Gages, Expansion Shields, Rawlplug Co., 97 Lafayette, New York, N. Y.  
 RAWLS Machine Screw Anchors, Rawlplug Co., Inc., 97 Lafayette, New York, N. Y.  
 RAY-BOY Coal Circulating Heaters, Globe American Corp., Kokomo, Ind.  
 RAYBESTOS QUIK FLAME Oil Stove Wicks, Asbestos Wicking, Raybestos-Manhattan, Inc. (Raybestos Div.), Bridgeport, Conn.  
 RAYO Machetes, Collins Co., Collinsville, Conn.  
 RAY-O-VAC Batteries, Flashlights, Lanterns, Ray-O-Vac Co., Madison, Wis.  
 RAZOR-BACK Shovels, Spades & Scoops, Union Fork & Hoe Co., Columbus, Ohio.  
 REACHWELL Pruning Shears, Schollhorn (Wm.) Co., 416 Chapel, New Haven, Conn.  
 READING Cut Nails, Wood (Alan) Steel Co., Conshohocken, Pa.  
 READY FOR USE Axes, Boy Scout Axes, Rexford Mfg. Co., East Highgate, Vt.  
 READY Hand Fire Extinguishers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 READY-LITE Gasoline Mantles, Lamps and Lanterns, American Gas Machine Co., Inc., Albert Lea, Minn.  
 READY SHOWERS Lawn Sprinklers, Brown (E. C.) Co., Rochester, N. Y.  
 REAL REEL Garden Hose Reel, Anker-Holth Mfg. Co., Inc., Port Huron, Mich.  
 REAL VALUE Ironing Tables, Clark (J. R.) Co., Minneapolis, Minn.  
 REAM KING Juice Extractor, National Die Casting Co., 600 N. Albany Ave., Chicago, Ill.  
 REAR Signal Railroad Lanterns, Dietz (R. E.) Co., 60 Lighthouse, New York, N. Y.  
 REARWIN Emery Wheel Dressers, Desmond-Stephan Mfg. Co., Urbana, Ohio.  
 RECORD Shot Gun Shells, Western Cartridge Co., Dept. I-50, East Alton, Ill.  
 RECORD SPOON Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 RED ARROW Insecticides, McCormick Sales Co., McCormick Bldg., Baltimore, Md.  
 RED ARROW Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 RED ARROW Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 RED BIRD Electric Hand Lawn Mowers, Monark Silver King, Inc., 1240 N. Homan Ave., Chicago, Ill.  
 RED BRAND Wire Fence, Fence Stays, Keystone Steel & Wire Co., Peoria, Ill.  
 RED CENTER Abrasive Wire Wheels, Pittsburgh Plate Glass Co., Brush Division, Baltimore, Md.  
 RED CLOUD Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.  
 RED DEVIL Asbestos Furnace Cement, Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa.  
 RED DEVIL Auger Bits, Screw Drivers, Electricians Bits, etc., Crescent Tool Co., Jamestown, N. Y.  
 RED DEVIL Glaziers Tools, Putty Knives, Scrapers, Axe Wedges, Sandpaper Holders, Tile Cutters, Glass Cutters, Glass Pliers, Glaziers' Points, Steel Wool Holders, Pot Cleaners, Safety Razor Blade Holders, Paint Rejuvenating Machines, Electric Paint Brush Cleaner, Electric Paint Mixer, Electric Floor Sander, Electric Fence Controller, Smith (Landon P.), Inc., 130 Coit, Irvington, N. J.  
 RED DEVIL Spoons & Spinners, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 RED EDGE Picks, Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 RED EDGE Self-Measured Wire Screen Cloth, Stove Pipe Wire, Reynolds Wire Co., Dixon, Ill.  
 RED END Folding Rules, Lufkin Rule Co., Saginaw, Mich.  
 RED END Hack Saws, Simonds Saw & Steel Co., Fitchburg, Mass.  
 RED FACE Ratchet Wrenches, Bridge Builders & Iron Works Wrenches, Lowell Wrench Co., Worcester, Mass.  
 RED FLARE Truck Flare, Fuses, Red Flare Signal Corp., Fostoria, Ohio.  
 RED FLASH Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.  
 RED HANDLE Glass Cutters, Fletcher, Terry Co., Forestville, Conn.  
 RED HAWK Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.  
 RED HEAD Bale Ties, Northwestern Steel & Wire Co., Sterling, Ill.  
 RED HEAD Mop Holders & Sticks, Stover Mfg. & Engine Co., Freeport, Ill.  
 RED HEAD Squeezers, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 RED HOT Electric Soldering Irons, So-Lo Works, Cincinnati, Ohio.  
 RED JACKET Pumps & Water Systems, Red Jacket Mfg. Co., Davenport, Ia.  
 RED KNIGHT Axes, Collins Co., Collinsville, Conn.  
 RED LABEL PEERLESS Tool Steel, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.  
 REDLAND Lopping Shears and Pruning Shears, Seymour Smith & Son, Inc., Oakville, Conn.  
 RED MARVEL Metal Polish, Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 RED Metal Sash Chain, Smith & Egge, Div. of Turner & Seymour Co., Torrington, Conn.  
 RED Razor Scythes, Rexford Mfg. Co., East Highgate, Vt.  
 RED ROVER Axes, Hatchets, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 RED SEAL Axes, Collins Co., Collinsville, Conn.  
 RED SEAL Chamois, American Sponge & Chamois Co., Inc., 47 Ann, New York, N. Y.  
 RED SEAL Dry Batteries, National Carbon Co., 30 E. 42nd, New York, N. Y.  
 RED SHIELD Twist Drills, Standard Tool Co., 6900 Central Ave., Cleveland, Ohio.  
 RED SOCKET Ratchet Wrenches, Socket Wrenches, Lowell Wrench Co., Worcester, Mass.  
 RED SPINDLE Stove & Furnace Pipe Dampers, Stover Mfg. & Engine Co., Freeport, Ill.  
 RED STREAK Hack Saws, Tool Holder Bits, Machine Knives, etc., Simonds Saw & Steel Co., Fitchburg, Mass.  
 RED-STRIPE Emery Abrasive Cloth, Clover Mfg. Co., Norwalk, Conn.  
 RED TAG Flower Borders, Rubbish Burners, Lawn Fences and Gates, Flexible Steel Door Mats, Wire Fence, Farm Gates, Window Guards, Poultry Wire Netting, Hardware Cloth, Poultry Fence, Trellises, Wire Cloth, Fence and Railings, etc., Cyclone Fence Co., Waukegan, Ill.  
 RED TANG Metal Saw Tooth Files, Simonds Saw & Steel Co., Fitchburg, Mass.  
 REDTENBACHER Scythes, Grass Hooks (Austria), Alfred Field & Co., Inc., 93 Chambers, New York, N. Y.  
 RED TOP Air Rifle Shot, Remington Arms Co., Inc., Bridgeport, Conn.  
 RED TOP Lawn Spinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.

- RED TOP Steel & Iron Fence Posts, Keystone Steel & Wire Co., Peoria, Ill.  
 RED TOP 25 Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 RED TOP 30 Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 RED WARRIOR Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 RED, WHITE and BLUE Scythes, Winsted Mfg. Co., Inc., Winsted, Conn.  
 RED WING Hand Lawn Mowers, Rugg (E. T.) Co., Newark, Ohio.  
 REDWOOD Falling Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 REDWOOD King Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 REED Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 REEL-EEZY Hose Reels, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 REEVES Ideal Stove Pipe Drum Ovens, Reeves Steel & Mfg. Co., Dover, Ohio.  
 REFLECTO Mirror-Equipped Levels, Sand's Level & Tool Co., 8631 Gratiot Ave., Detroit, Mich.  
 REGAL Coffee & Spice Mills, Landers, Frary & Clark, New Britain, Conn.  
 REGAL Food Choppers, New Standard Corp., Mt. Joy, Pa.  
 REGAL Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 REGAL Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.  
 REGAL Sash Cord, Puritan Cordage Mills, Louisville, Ky.  
 REGINA Floor Polishing Machines, Regina Corp., Rahway, N. J.  
 REGISEAT Warm Air Registers, Majestic Co., Huntington, Ind.  
 REGULAR Fellers Junior Sport Equipment, Goldsmith (P.) Sons, Inc., Cincinnati, Ohio.  
 REGULAR Electric Soldering Irons, National Specialties Co., Inc., 1902 Howell, Fort Wayne, Ind.  
 REICHERT Calf Weiners, Imperial Bit & Snap Co., Racine, Wis.  
 REICHERTS No-Kick Hobbie Cow Kickers, Imperial Bit & Snap Co., Racine, Wis.  
 RELAX Folding Boat Seats, Relax Mfg. Co., 842 W. Erie, Chicago, Ill.  
 RELAX Spring Hinges, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.  
 RELIABLE Extension Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.  
 RELIABLE Fire Door Fixtures, Barn Door Hangers, Overhead Trolleys and Trolley Tracks, etc., Allith-Prouty, Inc., Danville, Ill.  
 RELIABLE Lamp Chimneys, Kerr, Hubbard & Kelly, Sand Springs, Okla.  
 RELIABLE Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.  
 RELIANCE Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.  
 RELIANCE Door Springs, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.  
 RELIANCE Flour Sifters, National Enameling & Stamping Co., Milwaukee, Wis.  
 RELIANCE Portable Baking Ovens, Kerosene Stoves, Florence Stove Co., Gardner, Mass.  
 RELIANCE Screw Drivers, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 RELI Leaders, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 REMCO Thumb Tacks, Upholsterers Tacks, Closet Seat Bumpers, Screen & Numeral Nails, Miller (Robert E.) Inc., 35 Pearl, New York, N. Y.  
 REMINGTON Gun Cleaning Compound, Rust Remover, Cartridges, Shot Gun Shells, Rifles, Shot Guns, Traps, Targets, Knives, Pocket, Pruning, Hunting, Official Scout, Paring, Butcher, Carving, Shears & Scissors, etc., Remington Arms Co., Inc., Bridgeport, Conn.  
 REMINGTON CHAMBERLIN Traps for Clay Targets, Remington Arms Co., Inc., Bridgeport, Conn.  
 REM OIL Gun Oil, Remington Arms Co., Inc., Bridgeport, Conn.  
 REMRAK Shoe Racks, Tie Racks, Miller (Robert E.) Inc., 35 Pearl, New York, N. Y.  
 REPEATER Line Assortment, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 REPEATER SUPER SPEED Shot Gun Shells, Winchester Repeating Arms Co., 275 Winchester Ave., New Haven, Conn.  
 REP Model Airplane Kit, Cleveland Model & Supply Co., Inc., 4508-D87 Lorain Ave., Cleveland, Ohio.  
 REPUBLIC Studded Fence Posts, Republic Steel Corp., Republic Bldg., Cleveland, Ohio.  
 REPUBLIC Woven Wire Fencing, Poultry Netting, Barb Wire, Wire Nails, Steel Sheets, Roofing & Siding, Wrought Steel Pipe, Republic Steel Corp., Cleveland, Ohio.  
 RE-STEM Float, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 RESTMASTER Lawn Chairs, Cleveland Welding Co., W. 117th & Berea Rd., Cleveland, Ohio.  
 RESURFO Patching Plaster, Readon Co., St. Louis, Mo.  
 REVERE Copper Clad Stainless Steel Ware, Rome Mfg. Co., Div. Revere Copper & Brass, Inc., Rome, N. Y.  
 REVERSIBLE Oilstone, Sharpening Stones, Behr-Manning Corp., Troy, N. Y.  
 REVERSING FISHERMAN Outboard Boat Motors, Evintrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 REVERSING SERVICE TWIN Outboard Boat Motors, Evintrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 REVOLVO Bins, Cabinets and Cases, Wellston Mfg. Co., Wellston, Mo.  
 REVOLVO Lawn Sprinklers, Brown (E. C.) Co., Rochester, N. Y.  
 REYNOLDS SNAP-ON Tree Guards, Reynolds Wire Co., Dixon, Ill.  
 REX Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 REX Dry Pastes and Wall Size, Patent Cereals Co., Geneva, N. Y.  
 REX Files & Rasps, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.  
 REX Glass Cutters, Fletcher, Terry Co., Forestville, Conn.  
 REX Glue, Cudahy Packing Co., Anchor Glue Div., Dept. 1, Chicago, Ill.  
 REX Laundry Stoves, Gray & Dudley Co., 222 S. Ave. N., Nashville, Tenn.  
 REX Brown Marker Manila Rope, Waterbury Rope Co., Inc., 401 Park Ave., Bklyn., N. Y.  
 REX Nail Puller, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 RHINO Caulking Compound & Paints, Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa.  
 RHINO Screw Drivers, Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.  
 RHINE ISLAND Hoes, Union Fork & Hoe Co., Columbus, Ohio.  
 RIBBON Glue, Cudahy Packing Co., Anchor Glue Div., Dept. 1, Chicago, Ill.  
 RICH Ladders, Rich Ladder & Mfg. Co., 1028 Depot, Cincinnati, Ohio.  
 RICHARDS Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 RICHARDS PEERLESS Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 RICHLAND Automobile Tire and Tubes, Bicycle Tires, Mansfield Tire & Rubber Co., Mansfield, Ohio.  
 RIDGID Pipe Wrenches, Cutters, Chain Vices, Threaders, Threading Tools, Stocks & Dies, Bolt Stocks & Dies, Ridge Tool Co., Elyria, Ohio.  
 RIDGID LONGRIP Screw & Pipe Extractors, Ridge Tool Co., Elyria, Ohio.  
 RIDGID Cutting Oil, Ridge Tool Co., Elyria, Ohio.  
 RIDGID Ironing Tables, Ladders, Clothes Racks, Card Tables, etc., Clark (J. R.) Co., Minneapolis, Minn.  
 RIEHL Buffing Brushes, Polishing Wheels, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.  
 RIGHT ANGLE Barn Door Hangers, Garage Door Hangers Hinges, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 RIGHTWAY Power Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.  
 RIJ-O-Matic Ironing Tables, Clark (J. R.) Co., Minneapolis, Minn.  
 RING-BEARING Pliers, Krauter & Co., Inc., 575 18th Ave., Newark, N. J.  
 RING Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 RIP MASTER RAINMAKER Sprinklers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 RIO GRANDE Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.  
 RITE-HETE Electric Heating Blankets & Heating Pads, Wright Products Mfg. Corp., 2101 Kennedy, N. E., Minneapolis, Minn.  
 RITTENHOUSE Folding Chairs, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 RITTER Mechanics Hand Tools, Ritter-Carlton Co., Inc., 373 4th Ave., New York, N. Y.  
 RITZEE Gloves, Wells-Lamont Smith Corp., 1791 Howard, Chicago, Ill.  
 RIVAL Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.  
 RIVAL Rubber Soles, Auburn Rubber Corp., Auburn, Ind.  
 RIVLAKE Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 RIXFORD Axes, Railroad Supplies, Scythes, etc., Rixford Mfg. Co., East Highgate, Vt.  
 RIXSON Hardware Specialties, Rixson (Oscar C.) Co., 4450 Carroll Ave., Chicago, Ill.  
 ROACH-DED Roach Powder, Midway Chemical Co., Div. American Home Products Co., 275 Cornelison Ave., Jersey City, N. J.  
 ROADMASTER Bicycles, Cleveland Welding Co., W. 117th & Berea Rd., Cleveland, Ohio.  
 ROADMASTER Electric Bicycle Lamps, Delta Electric Mfg. Co., 33 & Nebraska, Marion, Ind.  
 ROADSTER Wagon Lanterns, Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 ROAMER Bicycles, Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y.  
 ROAMER Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 ROBERTON Electric Lawn Mowers, Robertson Mfg. Co., 10th & Sheridan Ave., Michigan City, Ind.  
 ROBERTON-DUMORE Electric Hedge Trimmers, Robertson Mfg. Co., 10th & Sheridan Ave., Michigan City, Ind.  
 ROBERTS SPEEDSAW Hand & Pruning Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 ROBIN Forks, Hoes and Rakes, Ames, Baldwin Wyoming Co., Parkersburg, W. Va.  
 ROBIN Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.  
 ROBT. MANN Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 ROCHE Electric Paint Sprayers, Air Compressors, Binks Mfg. Co., 3114 Carroll Ave., Chicago, Ill.  
 ROCHESTER Thermometers, Rochester Mfg. Co., Inc., Rochester, N. Y.  
 ROCKDALE Hedge & Pruning Shears, Seymour Smith & Son, Inc., Oakville, Conn.  
 ROCKET Power Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.  
 ROCKET Racing Car Kit, Syncro Devices, Inc., 747 Beaubien, Detroit, Mich.  
 ROCKET REEL, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 ROCKEY RIVER Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 ROCK ISLAND Cream Separators, Anker-Holt Mfg. Co., Inc., 2700 Conner, Port Huron, Mich.  
 ROCKOTE Floor Hardeners, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 ROCK SPAR, Spar Varnish, Glidden Co., Madison Ave. & Berea Rd., Cleveland, Ohio.  
 ROCKWELL Sash Cord, Rocky Mount Cord Co., Rocky Mount, N. C.  
 ROCCO Wall Size, Reardon Co., St. Louis, Mo.  
 RODGERS Cutlery (British), Field (Alfred) & Co., Inc., 93 Chambers, New York, N. Y.  
 ROGERS Glue, Cement, Rogers Isinglass & Glue Co., Gloucester, Mass.  
 ROLLATELLE Marble Game, Syncro Devices, Inc., 747 Beaubien, Detroit, Mich.  
 ROLLEZY Garden Hose Reels, Ohio Stove Pipe & Mfg. Co., 2104 Woodland Ave., Cleveland, Ohio.  
 ROLL-KING Roller Skates, Metal Specialties Mfg. Co., 3208 Carroll Ave., Chicago, Ill.  
 ROLL-N-FOLD Overhead Acting Garage Doors, Majestic Co., Huntington, Ind.  
 ROLLAWAY Barn Door Hangers, Overhead Trolleys & Tracks, Frantz Mfg. Co., Sterling, Ill.  
 ROLLFAST Bicycles, Roller Skates, Grass & Sheep Shears, Velocipedes, Bicycle Bells, Horns, Speedometers, Tires, Standard Luggage Carriers, Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chambers, New York, N. Y.  
 ROLLOWAY Power Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.  
 ROLL POINT Friction Catches, American Cabinet Hardware Corp., Rockford, Ill.  
 ROLL-UP Garage Door Hardware, Stanley Wks., New Britain, Conn.  
 ROMAN Safety Razors, Gillette Safety Razor Co., 15 W. 1. Boston, Mass.  
 ROMER LAKE CITY Axes, Warren Axe & Tool Co., Warren, Pa.  
 ROPER Gas Ranges, Pumps, Well Cylinders, Laundry Stoves, Gas Hot Plates, Hotel Ranges, Water Supply Systems, Roper (Geo. D.) Corp., Rockford, Ill.  
 ROSE Caulking Guns, Rose (Frank) Mfg. Co., Hastings, Neb.  
 ROSETTE Patty Irons (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.  
 ROTA Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 ROTABIN Revolving Steel Storage Bins, Counters with Revolving Steel Bins, Bolt & Screw Cases, Steel Shelving, etc., Frick-Gallagher Mfg. Co., Wellston, Ohio.  
 ROTECIDE Insecticides, Rotenone Products Co., Inc., East Orange, N. J.  
 ROTENONE Insecticides, Hammond Paint & Chemical Co., Beacon, N. Y.  
 ROTOHOT Oil Burning Heaters, Huenefeld Co., 2701 Spring Grove Ave., Cincinnati, Ohio.  
 ROTOMATIC Flashlights, Ray-O-Vac Co., Madison, Wis.  
 ROTO-WATER Electric Dumbwaiter, Sedgewick Machine Wks., 160 W. 15th, New York, N. Y.  
 ROUGH & READY Scythes, Rixford Mfg. Co., East Highgate, Vt.  
 ROUND Non-Skid Tire Grips or Chains, Cleveland Chain & Mfg. Co., Cleveland, Ohio.  
 ROUND TAVERN Cafeteria Trays, West Bend Aluminum Co., West Bend, Wis.  
 ROUNDER Ball Fishing Floats, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 ROVER Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 ROWELL Bottom Pour Melting Ladles, Car Hopper Wrenches, Rowell Mfg. Co., Appleton, Wis.  
 ROWELL Rocker Bearing Car Movers, Rowell Mfg. Co., Appleton, Wis.  
 ROYAL Automatic Electric Roasters, National Enameling & Stamping Co., Milwaukee, Wis.  
 ROYAL Automobile Tires, Golf Balls, United States Rubber Co., 1230 6th Ave., New York, N. Y.  
 ROYAL Blue Flue Brushes, Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.



- YAL Blue Wire Stretchers, Ney Mfg. Co., Canton, Ohio.  
 YAL CORD Garden Hose, United States Rubber Co., 1280 6th Ave., New York, N. Y.  
 YAL CRYSTAL FUSES Electric Wire, Cord Sets, Christmas Tree Sets, Trouble Lamps, etc., Royal Electric Co., Inc., 91 Grand Ave., Pawtucket, R. I.  
 YAL Faucet Adapters, Keystone Brass & Rubber Co., 811 Chestnut, Phila., Pa.  
 YAL Gasoline Irons, Royal Self-Heating Iron Co., Big Prairie, Ohio.  
 YAL Granite Enamelled Ware, National Enameling & Stamping Co., Milwaukee, Wisc.  
 YAL Ice Skates & Shoes, Johnson (Alfred) Skate Co., 2846 W. North Ave., Chicago, Ill.  
 YAL Lawn Mowers, Reading Hdwa. Corp., Reading, Pa.  
 YAL Oakum, American Mfg. Co., Noble & West, Bklyn., N. Y.  
 YAL Oil Ranges, Huenefeld Co., 2701 Spring Grove Ave., Cincinnati, Ohio.  
 YAL Fluxing Solder, Ruby Chemical Co., 58 McDowell, Columbus, Ohio.  
 YAL White Enamelled Ware, National Enameling & Stamping Co., Milwaukee, Wisc.  
 YAL Wire Fence, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 JBBERI Hammers, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.  
 JB-RSHIM Weatherstrip, Van Cleef Bros., 7800 Woodlawn Ave., Chicago, Ill.  
 JBY Glass Cutters, Fletcher, Terry Co., Forestville, Conn.  
 JBYFLUID Soldering Flux & Paste, Acid Core & Rosin Core Solder, Seaf Fluxing Solder, Ruby Chemical Co., 58 McDowell, Columbus, Ohio.  
 JF-KOAT Vanishes, General Cement Mfg. Co., 1041 Kilburn Ave., Rockford, Ill.  
 JFFPLAY Ice Skates & Shoes, Johnson (Alfred) Skate Co., 2846 W. North Ave., Chicago, Ill.  
 JGG Porch Gates, Wood Rakes, Snow Shovels, Snow Scoops & Snow Pushers, Rugg Mfg. Co., Greenfield, Mass.  
 JGGED CHIEF Hand Lawn Mowers, Rugg (E. T.) Co., Newark, Ohio.  
 JGG-ED Trimmer Hedge Trimmers, Rugg (E. T.) Co., Newark, Ohio.  
 JG-STA Rug Adhesives, Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornhill Ave., Jersey City, N. J.  
 JNFREE Gear Grease, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 JNWEL Barn Door Hangers, Overhead Trolleys & Tracks, Frantz Mfg. Co., Sterling, Ill.  
 JRAL Grindstones, Grinding & Emery Wheels, Richards Wilcox Mfg. Co., Aurora, Ill.  
 JSKO Cutlery, Russell Harrington Cutlery Co., Southbridge, Mass.  
 JSJAR CO. Cutlery, Russell Harrington Cutlery Co., Southbridge, Mass.  
 JSSELL BARLOWS Pocket Knives, Russell Harrington Cutlery Co., Southbridge, Mass.  
 JSSELL D. HARRINGTON & SON Cutlery, Russell Harrington Cutlery Co., Southbridge, Mass.  
 JSSELL Household & Industrial Knives, Cleaners, Kitchen Forks, Paint & Wall Scrapers, etc., Russell Harrington Cutlery Co., Southbridge, Mass.  
 JSSELL JENNINGS Auger Bits, Expansive Bits, Jennings (Russell) Mfg. Co., Chester, Conn.  
 JSSIAN Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 JSSWIN Builders Hardware, Meat & Food Choppers, Key Cutting Machines, Lavatory Door Hardware, Sliding Door Tracks, Door Closers, etc., Russell & Erwin Mfg. Co., New Britain, Conn.  
 JSSWIN-NEWTON Checking Pivot Hinges, Concealed Door Closers, Russell & Erwin Mfg. Co., New Britain, Conn.  
 JST-FOE Rust Remover, Rust-Foe Co., Inc., 9 Great Jones, New York, N. Y.  
 JSTGO Rust Remover, Stay-Tite Products Co., 3107 Detroit Ave., Dept. HA, Cleveland, Ohio.  
 JSTLESS FILMKOTE Pistol & Rifle Cartridges, Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn.  
 JTHLESS Barbed Wire, Keystone Steel & Wire Co., Peoria, Ill.  
 V-LITE VITAPANE Glass Substitute, Arvey Corp., 3470 N. Kimball Ave., Chicago, Ill.  
 W ELI Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W ELWOOD Fence & Wire Stretchers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W GENTLEMEN Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W GIANT Fence & Wire Stretchers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W HERCULES Fence & Wire Stretchers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W INVADER Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W LOCKJOINT Sliding Door Track, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W-MOGUL Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W Steel & Wood D Shovel Handles, Garage Door Hardware, Grindstones, Scaffold Brackets, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W VELOX Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.  
 W VICTOR Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.
- 8
- & E Sash Chain, Smith & Egge, Division of Turner & Seymour Co., Torrington, Conn.  
 & H. Mechanics Tools, Crescent Tool Co., Jamestown, N. Y.  
 P. G. Oil and Varnish Stains, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.  
 11 BUCKING Cross-Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 11 FELLING Cross-Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 O-T Tile Cement, Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass.  
 O-X Linoleum Cements, Ferdinand (L. W.) & Co., 599 Albany, Boston, Mass.  
 ACHES Sash Cord, Samson Cordage Wks., 89 Broad, Boston, Mass.  
 AFE-HED Tools, Granite City Tool Co., Barre, Vt.  
 AFE-T Rubbish Burner, Union Steel Products Co., Albion, Mich.  
 AFETY BELT Fasteners, Safety Belt Lacer Co., Toledo, Ohio.  
 AFETY Mats, Burton Mat Co., 175 Belmont Ave., Brooklyn, N. Y.  
 AFETY Roll De Luxe Can Openers, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.  
 AFETY ROLL Jr. & Sr. Can Openers, Vaughan Novelty Mfg. Co., Inc., 3211 Carroll Ave., Chicago, Ill.  
 AFETY Wire Rope Clip, Laughlin (Thos.) Co., Portland, Me.  
 AFEWAY Circulating Fuel Oil Burning Heaters, Globe American Corp., Macomb, Ill.  
 AF T DED Rat & Mouse Exterminator, One-Spot Co., Elkhridge, Md.  
 AF-TE Paint Remover, Wilson-Imperial Co., 115 Chestnut, Newark, N. J.  
 AGER Axes, Warren Axe & Tool Co., Warren, Pa.  
 AGER Locks & Builders Hardware, Sager Lock Works, Div. Yale & Towne Mfg. Co., North Chicago, Ill.  
 AGLESS Spring Hinges, Office Gate Hinges, Spring Pivot Hinges, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.  
 AHARA Line Dressing, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 ALAMO Spoons, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 AL BRICK Sal-Ammoniac, American Solder & Flux Co., 2152 E. Norris, Phila., Pa.  
 AL-TROUT Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 ALTAIRE Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- SAMOLINE General Cleaners and Polishers, Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornhill Ave., Jersey City, N. J.  
 SAMOSET Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 SAMPSEL Damper Control, Conco Corp., Mendota, Ill.  
 SAMPSON Extension Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.  
 SAMPSON Fence & Wire Stretchers, Starline, Inc., Harvard, Ill.  
 SAMPSON Ash & Garbage Cans, Reeves Steel & Mfg. Co., Dover, Ohio.  
 SAMPSON Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 SAMPSON Bit Braces, Peck, Stow & Wilcox Co., Southington, Conn.  
 SAMPSON Car Movers, Rowell Mfg. Co., Appleton, Wis.  
 SAMPSON Chains, Hodell Chain Co., 3934 Cooper Ave., Cleveland, Ohio.  
 SAMPSON Foot Power Grindstones, Berea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.  
 SAMPSON Mason & Chalk Lines, Dumbwaiter Rope, Shade Cord, Garden Lines, Tiller Rope, Samson Cordage Wks., 89 Broad, Boston, Mass.  
 SAMPSON Mops, Mop Holders & Sticks, Stover Mfg. & Engine Co., Freeport, Ill.  
 SAMPSON Windmills, Stover Mfg. & Engine Co., Freeport, Ill.  
 SAMPSON SPOT Sash Cord, Lariats, Samson Cordage Wks., 89 Broad, Boston, Mass.  
 SAMPSON Wire Center Sash Cord, Samson Cordage Wks., 89 Broad, Boston, Mass.  
 SANDBAKELSE Cookee Bakers (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.  
 SANDERSON Shovel, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 SANDIT Floor Sander, Polisher and Scrubber, Electric Sprayit Co., 1415 Illinois, Sheboygan, Wis.  
 SAND'S Cement Tools, Plasterers Hawks and Floats, Spirit Level Glasses, Plasterers Paddles, Level Sights, Wood & Aluminum Levels, Sand's Level & Tool Co., 8629 Gratiot Ave., Detroit, Mich.  
 SAND'S-STEVENS Line Levels, Sand's Level & Tool Co., 8629 Gratiot Ave., Detroit, Mich.  
 SANDVIK Saw Frames, Saw Gauges, Saw Jointers, Saws, Cabinet & Bench Scrapers, Saw Sets (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.  
 SANDWICH ISLANDS Hoes, American Fork & Hoe Co., Keith Bldg., Cleveland, Ohio.  
 SANDY Smooth Abrasive Papers, Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.  
 SANETTE Step-On Garbage Cans, Waxed Bags, Master Metal Products, Inc., 291 Chicago, Buffalo, N. Y.  
 SANGAMO Hand Lawn Mowers, Heineke & Co., 1900 S. 8th, Springfield, Ill.  
 SANITAN Garbage Can Holder, Western Products, Inc., New Castle, Ind.  
 SANITEX Self Raising Toilet Seat Hinges, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.  
 SARGENT Builders Hardware & Tools, New Haven, Conn.  
 SATIN-GLOSS Wax Polish, Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 SATIN Toilet Paper Holder, Shelby Spring Hinge Co., Shelby, Ohio.  
 SATURN Egg Beaters, Clothes Line Reels, Can Openers, Chopping Knives, Blauitt Cutters, Food Strainers, United Royalties Corp., 1133 B'way, New York, N. Y.  
 SAVABRUSH Paint Brush Cleaners, Schalk Chemical Co., 357 East Second, Los Angeles, Calif.  
 SAVAGE Insecticide Dusters, Smith (D. B.) & Co., Utica, N. Y.  
 SAVAGE Rifles, Savage Arms Corp., Utica, N. Y.  
 SAVAMAID Electric Ironers, Crosley Corp., 1329 Arlington, Cincinnati, Ohio.  
 SAVET Rubber Soles, Auburn Rubber Corp., Auburn, Ind.  
 SAVOIL Kerosene Stoves, Ranges and Room Heaters, United Stove Co., Ypsilanti, Mich.  
 SAVOL Garden Hand Sprayers, Smith (D. B.) & Co., Utica, N. Y.  
 SAV-UR-BAK Dust Pans, National Enameling & Stamping Co., Milwaukee, Wis.  
 SAXON Reel Cases, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 SCALLOPED Edge Hay Knives, Ney Mfg. Co., Canton, Ohio.  
 SCAMPER Artificial Fish Baits, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 SCAN CAN Plastic Ollers, Eagle Mfg. Co., Wellsburg, W. Va.  
 SCHAEFER Brushes, Schaefer Brush Mfg. Co., 117 W. Walker, Milwaukee, Wis.  
 SCHICK Electric Dry Shavers, Schick Dry Shaver, Inc., Stamford, Conn.  
 SCHROETER'S Cheese & Vegetable Graters, Steiner Products Corp., 2554 N. Grand Blvd., St. Louis, Mo.  
 SCHUFLI Screen Paint, Pittsburgh Plate Glass Co., Paint Div., Pittsburgh, Pa.  
 SCIOFO Fishing Floats, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 SCOOPE Artificial Fish Baits, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 SCOREMASTER Rifles, Remington Arms Co., Inc., Bridgeport, Conn.  
 SCOTCH Cellulose Tape, Masking Tape, Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.  
 SCOTCH Door Springs, Thomas Products Co., 15473 Indiana Ave., Detroit, Mich.  
 SCOTCH Paints & Oil Stains, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.  
 SCOUT Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 SCOUT Wheelbarrows, Jackson Mfg. Co., Harrisburg, Pa.  
 SCOVIL Pattern Hoes, American Fork & Hoe Co., Keith Bldg., Cleveland, Ohio.  
 SCOVILLES Molasses & Oil Gates, Stearns (E. C.) & Co., Syracuse, N. Y.  
 SCRO-GRILL Ornamental Grilles and Window Guards, Hutchinson & Co., 1019 N. Montclair, Dallas, Tex.  
 SCROLL-PIVOTER Snips, Wiss (J.) & Sons Co., 33 Littleton Ave., Dept. A., Newark, N. J.  
 SCRUL-LESS Squeezers, Kautenberg (W. A.) Co., Freeport, Ill.  
 SEA HAWK Hand Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 SEA HORSE Outboard Boat Motors, Johnson Motors Div. Outboard Marine & Mfg. Co., 1320 Pershing Rd., Waukegan, Ill.  
 SEALEX BATTLESHIP Linoleum, Congoleum-Nairn, Inc., Kearny, N. J.  
 SEALEX JASPE Linoleum, Congoleum-Nairn, Inc., Kearny, N. J.  
 SEALEX KARNEAN Linoleum, Congoleum-Nairn, Inc., Kearny, N. J.  
 SEALEX VELTONE Linoleum, Congoleum-Nairn, Inc., Kearny, N. J.  
 SEAL-KRAFT Rose Bushes, Wilson (C. E.) Co., Inc., Manchester, Conn.  
 SEAL-O-MATIC Canning Outfits & Can Sealing Machines, National Pressure Cooker Co., 66 Spring, Eau Claire, Wis.  
 SEAL-PAKT Rose Bushes, Wilson (C. E.) Co., Inc., Manchester, Conn.  
 SEAL-POTTED Rose Bushes, Wilson (C. E.) Co., Inc., Manchester, Conn.  
 SEALTITE Sliding Door Tracks, Starline, Inc., Harvard, Ill.  
 SEAL-TITE Shot Shell Wads, Western Cartridge Co., Dept. 50, East Alton, Ill.  
 SEAMLESS Well Cylinders, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 SEARIGHT Compound Lever Snips, Tree Trimmers and Pruners, Bartlett Mfg. Co., 3034 E. Grand Blvd., Detroit, Mich.  
 SEATTLE Spoon, Enterprise Mfg. Co., Dept. HA, Akron, O.  
 SEA-VUE Surf Casting Reels, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 SECCOTINE Glue, Malz, H. A., 65 Fifth Ave., New York, N. Y.  
 SECRET SERVICE Padlocks, Master Lock Co., 926 Juneau Ave., Milwaukee, Wis.

- SECURITY E-Z TACK Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- SECURITY Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- SEDG-VERSAL Dumbwaiters, Sedgewick Machine Works, 160 W. 15th, New York, N. Y.
- SEGALOCK Jimmy-Proof Locks, Segal Lock & Hdwe. Co., Inc., 395 B'way, New York, N. Y.
- SEGMENT Ground Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- SEISMOGRAPH Electric Blasting Caps, Western Cartridge Co., Dept. 50, East Alton, Ill.
- SELECT OAK Handles, Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky.
- SELF CLEANER Foot Scrapers, National Mfg. Co., Sterling, Ill.
- SELF-CLOSING Oil Faucets, Stearns (E. C.) & Co., Syracuse, N. Y.
- SELF-DRAIN Laundry Tubs, Reeves Steel & Mfg. Co., Dover, Ohio.
- SELFLOCK Tin Wall Pipe & Fittings, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- SELF Lubricating Power Pumps, Pump Jacks, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- SELF-LUBRICATING Pressure Tank Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- SELF OILING Power Pumps, Power Spray Pumps, Electric Hose Pumps, Pressure Tank Pumps, Deep Well Power Pump Heads, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- SELF OILING JR. Horse Drawn & Gasoline Engine Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- SELF-PIERCING Bull Nose Rings, Seymour Smith & Son, Inc., Oakville, Conn.
- SELF Striker Spoon, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SELF-TAPPING Sheet Metal Screws, Parker-Kalon Corp., 200 Varick, New York, N. Y.
- SELLOPAK Auger Bits & Screw Drivers, Irwin Auger Bit Co., Wilmington, O.
- SEMAPHORE Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- SENIOR Power Spray Pumps, Pump Jacks, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- SENIOR TRIPLEX Horse Drawn Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- SENOURS Floor Paints, Martin-Senour Co., 2540 Quarry, Chicago, Ill.
- SENTINEL Furnished Line, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SENTINEL Automobile Electric Head Lights, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- SENTINEL Radio Receiving Sets, Sentinel Radio Corp., 2020 Ridge Ave., Evanston, Ill.
- SENTRIE Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SERGEANT Electric Alarm Clocks, General Electric Co., 1285 Boston Ave., Bridgeport, Conn.
- SERRATED Hay Knives, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- SERVICE TWIN Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- SERV OROLE Bun Warmer, Aluminum Goods Mfg. Co., Manitowoc, Wis.
- SERVWELL Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SERVE-WELL Leather Sole Display assortments, Wilder & Company, 1038 N. Crosby, Chicago, Ill.
- SESAMEE Keyless Locks, Bemis & Call Co., Springfield, Mass.
- SETFAST Expansive Bits, Greenlee Tool Co., 2136 12th, Rockford, Ill.
- SETSKOLD Air Setting High Temperature Bonding Cement, Laclede-Christy Clay Products Co., 411 N. 7th, St. Louis, Mo.
- SHADINUK Bucktail Hook, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SHAMROCK Hand Saws, Wood Turning Tools, Spoke Shaves, Plane Irons, Carpenters' Chisels & Gauges, Patternmakers' Tools (British), Alfred Field & Co., Inc., 93 Chambers, New York, N. Y.
- SHARK Burnishers, Carpenters' Chisels, Plane Irons, Carpenters' Gouges (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- SHARK-O-LITE Carpenters' Chisels (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- SHARPIT Knife Sharpeners, Dazey Churn & Mfg. Co., 4301 Warne Ave., St. Louis, Mo.
- SHASTA Paint & Varnish, Glue, Brushes, Wooster Brush Co., Wooster, Ohio.
- SHAVER Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.
- SHAW Calf Weaners, Quinn Wire & Iron Wks., Boone, Ia.
- SHAWMUT Safety Razors, Gillette Safety Razor Co., 15 W1, Boston, Mass.
- SHEDWELL Barn Door Hangers, Overhead Trolleys & Tracks, Frantz Mfg. Co., Sterling, Ill.
- SHEEPSHEAD Fish Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- SHEIK Artificial Fish Bait, American Fork & Hoe Co., Geneva, Ohio.
- SHELBY Builders' Hardware Specialties, Shelby Spring Hinge Co., Shelby, Ohio.
- SHELBY FLYER Bicycles, Shelby Cycle Co., Shelby, Ohio.
- SHELBY Seamless Steel Tubes and Tubing, National Tube Co., Frick Bldg., Pittsburgh, Pa.
- SHELVADOR Electric Refrigerators, Crosley Corp., 1329 Arlington, Cincinnati, Ohio.
- SHEPARD Pipe & Woodworkers' Vises, Prentiss Vise Co., Little Falls, N. Y.
- SHERMAN Emery Wheel Dressers, Desmond-Stephan Mfg. Co., Urbana, Ohio.
- SHERMAN Lawn Hose Fittings, Sherman (H. B.) Mfg. Co., Battle Creek, Mich.
- SHIMMY WIGGLER Artificial Bait, American Fork & Hoe Co., Geneva, Ohio.
- SHIMMYETTE WIGGLER Artificial Bait, American Fork & Hoe Co., Geneva, Ohio.
- SHINGLECOAT Shingle Oil Stain, Barrett Co., 40 Rector, New York, N. Y.
- SHINY BLACK Frying Pans, Cast Iron Hollowware, Dutch Ovens, Griswold Mfg. Co., Erie, Pa.
- SHIPSTONES Portable Hand Grindstone, Barea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- SHOCK-ABSORBER Hedge Shears, Wiss (J.) & Sons Co., 33 Littleton Ave., Dept. A, Newark, N. J.
- SHOCKLESS Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- SHOK-LESS Insulated Screw Drivers, Vlchek Tool Co., Cleveland, Ohio.
- SHOO FLY Cream, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SHOP-KING Homecraft Woodworking Machines, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- SHOWER-PROOF Roof Paint, Calbar Paint & Varnish Co., 2612-26 N. Martha, Phila., Pa.
- SHOWERWAY Sanitary Hand Washstand, Lyon Metal Products, Inc., 136 Madison Ave., Aurora, Ill.
- SHUR-GRIP File and Soldering Iron Handles, Parker-Kalon Corp., 200 Varick, New York, N. Y.
- SHUR-GRIP Rubber Jar Openers, Keystone Brass & Rubber Co., Broad & Lehigh Ave., Phila., Pa.
- SHUR SHOT Shot Gun Shells, Remington Arms Co., Inc., Bridgeport, Conn.
- S. I. S. Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- SICKLE EDGE Hay Knives, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- SIEVERT VERTIAS Emery Wheel Dressers, (Swedish) Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- SIGNAL Bells & Buzzers, Electric Fans, Bell Transformers, Motors, Electric Portable Drills, Exhaust Fans, etc., Signal Electric Mfg. Co., 1970 Broadway, Menominee, Mich.
- SIGNAL Cork Floats, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SIGNET Writing Ink, Metal Polish, Le Pages, Inc., Gloucester, Mass.
- SILATEX Paints, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.
- SILENT Door Hangers, National Mfg. Co., Sterling, Ill.
- SILENT-NITE Basement Windows, Storm Sashes or Window Screens Friction Adjusters, Wright Products Mfg. Corp., 2101 Kennedy, N. E. Minneapolis, Minn.
- SILENT Flash Roller Skates, Chicago Roller Skate Co., 4456 West Lake, Chicago, Ill.
- SILENT YARD-MAN Belt & Gear Drive, Hand Lawn Mowers, Yard-Man, Inc., Jackson, Mich.
- SILEX Coffee Makers, Silex Co., 80 Pliny, Hartford, Conn.
- SILK Toilet Paper Holders, Shelby Spring Hinge Co., Shelby, Ohio.
- SILKALETTE Lines, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SILKITE Lap Powder, Behr-Manning Corp., Troy, N. Y.
- SIL SEAT Safety Window Seat, Silseat Mfg. Co., Inc., 1833 E. 75th Cleveland, Ohio.
- SILVER ARROW Cutlery, Russell Harrington Cutlery Co., Southbridge, Mass.
- SILVER BAND Zinc coated Nails and Galvanized Nails, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- SILVER BELL Fishing Lines, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- SILVER BEAUTY Floor Polishing Brushes, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.
- SILVERBRITE Silver Polish, Midway Chemical Co., Div. Home Products Corp., 275 Cornelison Ave., Jersey City, N. J.
- SILVER CLIPPER Kitchen Scales, Hanson Scale Co., 525 N. Ada, Chicago, Ill.
- SILVER CLOUD Power Sprayers, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- SILVER EAGLE Axes, Kelly Axe & Tool Works of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- SILVER GLOW Aluminum Paste Paint, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.
- SILVER GRIT Scythe Stones, Barea Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- SILVER KING Nail Hammers, Prentiss Vise Co., Little Falls, N. Y.
- SILVER KNIGHT Electric Bicycle Lamps, Delta Electric Co., 33rd & Nebraska, Marion, Ind.
- SILVER LAKE Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- SILVER LAKE Sash Cord, Trolley Ropes, Clothes Line, Silver Lake Co., 99 Chauncy, Boston, Mass.
- SILVER LAKE A Sash Cord, Trolley Ropes, Silver Lake Co., 99 Chauncy, Boston, Mass.
- SILVER LEADER Wash Boards, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- SILVERLIKE Griddles, Dutch Ovens, Roasters, Skillets, Griswold Mfg. Co., Erie, Pa.
- SILVERLINING Asphalt Roof Coatings, Sterling Paint & Varnish Co., Malden, Mass.
- SILVER SPECIAL Electric Vacuum Cleaners, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- SILVER STAR Bale Ties, Bethlehem Steel Co., Bethlehem, Pa.
- SILVER STEEL Circular, Cross-Cut Hack, Pruning Saws, Hand Saws, etc., Atkins (E. C.) & Co., Indianapolis, Ind.
- SILVER STREAK Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.
- SILVER STREAM Flashlights, Ray-O-Vac Co., Madison, Wis.
- SILVER TIP Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- SILVYLOCKS Metal Pot Cleaners, Metal Textile Corp., 4 Central Ave., West Orange, N. J.
- SIMCO Leather Washers, Simplex Mfg. Co., Auburn, N. Y.
- SIMONDS Cross-Cut Saws, Hack Saws, Metal Saw Tooth Files, Simonds Saw & Steel Co., Fitchburg, Mass.
- SIMPLEX Barn Door, Hangers, Force Pumps, Pump Jacks, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- SIMPLEX Jacks, Templeton, Kenly & Co., 1020 S. Central Ave., Chicago, Ill.
- SIMPLEX Lawn Mower Grass Catchers, F. & N. Lawn Mower Co., Richmond, Ind.
- SIMPLEX Leather Washers, Pump Leathers, Leather Valves, Simplex Mfg. Co., Auburn, N. Y.
- SIMPLEX Machinists, Combination Pipe & Bench, Garage & Household, Woodworkers' Vises, Desmond-Stephan Mfg. Co., Urbana, Ohio.
- SIMPLEX Power Lawn Mowers, Jacobsen Mfg. Co., Racine, Wis.
- SIMPLEX Spring Hinges, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.
- SIMPLEX Stop & Waste Cocks, Landers, Frary & Clark, New Britain, Conn.
- SIMPLEX Stove Pipe, Reeves Steel & Mfg. Co., Dover, Ohio.
- SINGER Glass Cutters, Barrett, Wm. L., Bristol, Conn.
- SINGER Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- SIOUX Drag Scrapers, American Steel Scraper Co., Sidney, O.
- SIREN Steel Fishing Rods, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SIVERT Emery Wheel Dressers (Swedish), Sandvik Saw & Tool Corp., 47 Warren, New York, N. Y.
- SIXTY Glass Cutters, Fletcher, Terry Co., Forestville, Conn.
- SIZE-IT Wall Size, Alabastine Co., 335 Chicago Drive, S. W., Grand Rapids, Mich.
- SKATE-O-METER Roller Skate Speedometers, Segal Lock & Hdwe. Co., Inc., 395 B'way, New York, N. Y.
- SKEETER Shot Gun, Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.
- SKELTON Shovels, Spades and Scoops, American Fork & Hoe Co., Cleveland, Ohio.
- SKIDNO Rod Cap & Hook Holder, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SKILSAW Electric Hand Saws, Polishers, Grinders, Drills and Sanders, Skil-saw, Inc., 3310 Elston Ave., Chicago, Ill.
- SKIMIT Milk Bottle Cream Separator, Indestro Mfg. Corp., 2675 N. Kildare Ave., Chicago, Ill.
- SKIMMETTE Fly-Rod Wiggler, Artificial Fish Bait, American Fork & Hoe Co., Keith Bldg., Cleveland, Ohio.
- SKOTCH Wood Joint Fasteners, Superior Fastener Corp., 5224 N. Clark, Chicago, Ill.
- SKUTTLE Furnace Air Moisteners, Heat Circulators, Skuttle (J. L.) Co., 1015 Franklin Ave., Detroit, Mich.
- SKUTTLE JR. Wall Ventilators, Skuttle (J. L.) Co., 1015 Franklin Ave., Detroit, Mich.
- SLASHER MOPS, Tate (E. H.) Co., 251 Causeway, Boston, Mass.
- SKY-HY Playground Balls, Van Cleef Bros., 7800 Woodland Ave., Chicago, Ill.
- SLIDASIDE Garage Hardware, Richards Wilcox Mfg. Co., Aurora, Ill.
- SLIDETITE Garage Door Hangers, Hinges, Garage Hardware, Richards Wilcox Mfg. Co., Aurora, Ill.
- SLIP-A-PART Closet Door Hinges, Screen Door Spring, Hinges, Stover Mfg. & Engine Co., Freeport, Ill.
- SLIPKNOT Rubber & Friction Tape, Rubber Soles & Heels, Shoe Taps, Plymouth Rubber Co., Canton, Mass.
- SLIP-LOK Door Holders, Slip-Lok, Inc., 83 1/2 W. Avon, Pontiac, Mich.
- SLUG DEVIL Sledges and Spike Mauls, Warren Tool Corp., Warren, Ohio.
- SLUG SHOT Insecticides & Fungicides, Hammond Paint & Chemical Co., Beacon, N. Y.
- SMALMESH Metal Lath, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- SMITH Weed Burner, Sprayers, Smith (D. B.) & Co., Utica, N. Y.
- SMITH & HEMENWAY Mechanics Tools, Crescent Tool Co., Jamestown, N. J.
- SMOOTH-CUT Circular Saws, Atkins (E. C.) & Co., Indianapolis, Ind.

- SMOOTH CUT Can Openers, Regina Corp., Rahway, N. J.  
 SNAP-CUT Pruning Shears, Lopping Shears and Tree Pruners, Seymour Smith & Son, Inc., Oakville, Conn.  
 SNAPIE Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio  
 SNAPLOCK Stove & Furnace Pipe, Reeves Steel & Mfg. Co., Dover, Ohio.  
 SNAP-ON Weatherstrip, Chamberlin Metal Weatherstrip Co., Inc., 1254 La Brosse, Detroit, Mich.  
 SNAP-TITE Adjustable Bottle Stoppers, Thomas Products Co., 15473 Indiana Ave., Detroit, Mich.  
 SNECK Fish Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 SNOLITE Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.  
 SNO-FLOW Snow Pushers, Hamlin Metal Products Co., Inc., Akron, Ohio.  
 SNOWFLAKE Moth Spray, Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 SNOWFLAKE Soldering Flux, Grasselli, Chemicals Dept. Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 SNOW Pattern Quick Adjustable Carriage Clamps, Adjustable Clamp Co., 411 N. Ashland Ave., Chicago, Ill.  
 SNOW White Clothes Lines, Rugg (E. T.) Co., Newark, Ohio.  
 SNO-WITE Fixtures and Furnishings, Bathroom, American Enameled Products Co., Waukegan, Wis.  
 SNOUGFIT Pipe Hooks, Paine Co., 2955 Carroll Ave., Chicago, Ill.  
 SOAK-IT Wall Paper Remover, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 SOBEY Sproat Fish Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 SO EASY Electric Hang Up Lamps, Eagle Mfg. Co., Wellsburg, W. Va.  
 SO-EASY RE-MOVE-ABLE Clothes Line Posts, Newark Steel Post Co., 6 White, West Orange, N. J.  
 SO-EASY-TO-FIX Pumps, Red Jacket Mfg. Co., Davenport, Ia.  
 SO-E-ZY Enamels and Aluminum Paint, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.  
 SOFT ARKANSAS Sharpening Stones, Behr-Manning Corp., Troy, N. Y.  
 SOHACO Garden Tools, Southington Hdwe. Co., Southington, Conn.  
 SOIL-SOAKER, Soil Irrigators, Hastings Canvas & Mfg. Co., Hastings, Nebr.  
 SOLAR GLOW Electric Heaters, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.  
 SOLARITE Washable Kalsomine, Reardon Co., St. Louis, Mo.  
 SOLBAR Screw Drivers, Peck, Stow & Wilcox Co., Southington, Conn.  
 SOLDER KING Electric Soldering Irons, Drake Electric Works, Inc., 8656 Lincoln Ave., Chicago, Ill.  
 SOLEX Polished Plate Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.  
 SOLID SOCKET Hay Knives, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.  
 SO-LO Liquid Solders, Sole & Heel Menders, Plastic Rubber, So-Lo Works Cincinnati, Ohio.  
 SO-LO'S BLUE BOND Rubber Cement, So-Lo Works, Cincinnati, Ohio.  
 SO-LO'S CHINKY China, Crocker & Glass Cement, So-Lo Works, Cincinnati, Ohio.  
 SO-LO'S RATZ-OUT Rat Exterminators, So-Lo Works, Cincinnati, Ohio.  
 SO-LO'S SOOT-GO Flue Cleaning Compounds, So-Lo Works, Cincinnati, Ohio.  
 SOL-O-LITE Glass Substitute, Sol-O-Lite Mfg. Co., 1451 N. Cicero Ave., Chicago, Ill.  
 SOMERSET Safety Razors, Gillette Safety Razor Co., 15 W. 1, Boston, Mass.  
 SONNY BOY Ice Cream Freezers, New Standard Corp., Mt. Joy, Pa.  
 SOOT-GO Zinc Treated Soot Removers, So-Lo Works, Cincinnati, Ohio.  
 SORBY'S Scythes (British), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 SOSS Invisible Hinges, Soss Mfg. Co., Roselle, N. J.  
 SOUTH BEND Malleable Gas Ranges, Coal Ranges, Oil Burning Ranges, Hotel & Restaurant Ranges, Broilers, Malleable Steel Range Mfg. Co., South Bend, Ind.  
 SOUTHBRIDGE Painters' & Decorators' Tools, Roofing Knives, Hyde Mfg. Co., Southbridge, Mass.  
 SOUTHERN Special Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.  
 SOUTHGATE Sash Cord, Puritan Cordage Mills, Louisville, Ky.  
 SOYALASTIC Soy Bean Oil Paint, Glidden Co., Madison Ave. & Berea Rd., Cleveland, Ohio.  
 SPANISH TEXTURE Metal Ceilings, Metal Tile, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wisc.  
 SPARKLE Closet Bowl Cleaners, Allen (L. B.) Co., Inc., 6719-33 Bryn Mawr Ave., Chicago, Ill.  
 SPARTAN Knife & Sickle Grinders, Luther Grinder & Tool Co., Fond du Lac, Wis.  
 SPARTAN Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.  
 SPARTAN Manila Rope, American Mfg. Co., Noble & West, B'klyn, N. Y.  
 SPECIAL Bolt & Rivet Clippers, Porter (H. K.), Inc., Everett, Mass.  
 SPECIAL Grass Hooks, Winsted Mfg. Co., Inc., Winsted, Conn.  
 SPECIAL Grass Shears, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 SPECIAL Padlocks, Master Lock Co., 926 W. Juneau Ave., Milwaukee, Wis.  
 SPECIAL Trap Shot Guns, Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
 SPEEDIE Reel Oil, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 SPEED-GRITS Abrasive Paper, Behr-Manning Corp., Troy, N. Y.  
 SPEED-GRITS Combination for Floor Sanding, Behr-Manning Corp., Troy, N. Y.  
 SPEED Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 SPEED KING Hand Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 SPEED KING Roller Skates, Hustler Corp., Sterling, Ill.  
 SPEEDIQUAD Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 SPEEDIPOUR Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 SPEEDITWIN Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 SPEEDLINE Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.  
 SPEEDMASTER Gasoline Stoves, Coleman Lamp & Stove Co., Wichita, Kan.  
 SPEEDMASTER Rifles, Remington Arms Co., Inc., Bridgeport, Conn.  
 SPEEDMATIC EIGHT Electric Floor Sanding Machines, Porter-Cable Machine Co., Syracuse, N. Y.  
 SPEEDMATIC Electric Hand Saws, Porter-Cable Machine Co., Syracuse, N. Y.  
 SPEEDMATIC TWELVE Electric Floor Sanding Machines, Porter-Cable Machine Co., Syracuse, N. Y.  
 SPEED-O-BYKE Bicycles, Metal Specialties Mfg. Co., 3208 Carroll Ave., Chicago, Ill.  
 SPEED-O-LITE Electric Floor Sanding & Surfacing Machines, Lincoln-Schluter Floor Machine Co., 212 W. Grand Ave., Chicago, Ill.  
 SPEEDOLEUM Linoleum Varnishes, Glidden Co., Madison Ave. & Berea Rd., Cleveland, Ohio.  
 SPEED QUEEN Clothes Washing Machines, Electric Refrigerators, Barlow & Seelig Mfg. Co., Ripon, Wis.  
 SPEED SHAFT Tennis Rackets (Canadian), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 SPEEDSTER Hand Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 SPEEDSTER Model Automobile Kit, Cleveland Model & Supply Co., Inc., 4508-D87 Lorain Ave., Cleveland, Ohio.  
 SPEEDWAY Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.  
 SPEEDWAY Power Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.  
 SPEEDWAY Portable Electric Tools, Electric Motors, Electric Drill & Grinder Kit, Electric Portable Blowers, Electric Hand Saws, Electric Portable Hammers, Electric Bench Grinders, etc., Speedway Mfg. Co., 1834 S. 52nd Ave., Cicero, Ill.  
 SPEEDWAY Special Bicycles, Shelby Cycle Co., 110 Mack Ave., Shelby, Ohio.  
 SPEED-WET Waterproof-Sandpaper, Behr-Manning Corp., Troy, N. Y.  
 SPEEDY-CLEAN Chromium Plated Griddles, Spiders, Skillets, Frying Pans, Sauce Pans, Basket Fryers, Roasters, Dutch Ovens, Casseroles, etc., Evedy Co., 6 East, Frederick, Md.  
 SPEEDY Garden Cultivators, Weed Cutters, Dandelion Pullers, Hand Weeder, Grass Trimmer, Union Fork & Hoe Co., Columbus, Ohio.  
 SPEEDY Garden Cultivators, American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 SPEEDY Paint Sprayer, Spray Gun, Auto Truck & Tractor Power Sprayer, Electric Power Sprayer, Air Filters, Air Regulators, etc., Brown (W. R.) Corp., 5724 Armitage Ave., Chicago, Ill.  
 SPEEDY UTILITY Paint Pressure Container, Brown (W. R.) Co., 2014 N. Major Ave., Chicago, Ill.  
 SPENCER Moulton British Tennis Balls, Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 SPINEZE Reel Cranks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 SPINNER Revolving Roof Ventilators, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.  
 SPIREX Machine Taper Pin Reamers, Cleveland Twist Drill Co., 1242 E. 49th Cleveland, Ohio.  
 SPORT Camp Lamp, Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 SPORTFOUR Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 SPORT KING Outboard Boat Motors, Lauson Co., New Holstein, Wis.  
 SPORTMASTER Rifles, Remington Arms Co., Inc., Bridgeport, Conn.  
 SPORTSMAN Boy Scout Axe, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 SPORTSMAN Fish Hook Stones, Behr-Manning Corp., Troy, N. Y.  
 SPORTSMAN Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 SPORTSMAN REVOLVERS, Harrington & Richardson Arms Co., Worcester, Mass.  
 SPORTWIN Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.  
 SPOTLITE Spoons, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 SPOTSHOT Telescope & Stand, Mossberg (O. F.) & Sons, Inc., 201 Greene, New Haven, Conn.  
 SPRAGUELETS Threaded Conduit Fittings, General Electric Co., Bridgeport, Conn.  
 SPRAYIT Air Compressors, Paint Sprayers, Spray Guns, Caulking Guns, Sprayit Co., 1415 Illinois, Sheboygan, Wis.  
 SPRAYMASTER Garden Hand Sprayers, Smith (D. B.) & Co., Utica, N. Y.  
 SPRIN GRIP Rubber Chair & Crutch Tips, Elastic Tip Co., 370 Atlantic Ave., Boston, Mass.  
 SPRINGATOR Combination Sprinkler & Irrigator, Keystone Brass & Rubber Co., Broad & Lehigh Ave., Phila., Pa.  
 SPRINGFIELD Rifles & Guns, Stevens (J.) Arms Co., Div., Savage Arms Corp., Chicopee Falls, Mass.  
 SPRING-KUSHION Noiseless Furniture Glides, Buckeye Glide Co., 131 E. 23rd, New York, N. Y.  
 SPROAT Fish Hooks, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 SQUARE DEAL Lawn Fence & Gates, Farm Gates, Wire Fence, Keystone Steel & Wire Co., Peoria, Ill.  
 SQUIRE Power Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.  
 SQUIRT-O-MATIC Liquid Pistol, Daisy Mfg. Co., 414 Union, Plymouth, Mich.  
 ST-5 Hand Lawn Mowers, Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.  
 STA-BRITE Grocers & Household Scoops, Jacobs Bros. Co., Inc., 1 Main, Bklyn., N. Y.  
 STA-FAST Axe, Hammer & Hatchet Wedges, Standard Belt Fastener Co., 168 Water, Unionville, Conn.  
 STA-FRESH Serving Accessories, West Bend Aluminum Co., West Bend, Wis.  
 STA-SO Crushed Slate Roof Coatings, Central Commercial Co., 332 S. Michigan Ave., Chicago, Ill.  
 STA-TITE Scythe Snaths, Sta-Tite Snath Co., Shelbyville, Ind.  
 STA-WAY Insect Repellents, National Carbon Co., Inc., 30 E. 42nd, New York, N. Y.  
 STAINLESS Steel Plasterers' Trowels, Disston (Henry) & Sons, Inc. (Tacony) Phila., Pa.  
 STANBY Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 STANDARD Acid Core, Rosin Core and Self-Fluxing Solder, New York Solder Co., Inc., 15 Crosby, New York, N. Y.  
 STANDARD Axes, Hatchets, Kelly Axe & Tool Works, of the American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 STANDARD Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 STANDARD Barn Paints, Lowe Bros. Co., Dayton, Ohio.  
 STANDARD Belt Fasteners, Standard Belt Fastener Co., 168 Water, Unionville, Conn.  
 STANDARD Bull Nose Rings, Tree Trimmers & Pruners, Seymour Smith & Son, Inc., Oakville, Conn.  
 STANDARD Cabinet Hardware, American Cabinet Hdwe. Corp., Rockford, Ill.  
 STANDARD Door Holders, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.  
 STANDARD Double-Harpoon Hay Forks, Center Trip Hay Slings, Ney Mfg. Co., Canton, Ohio.  
 STANDARD Fishing Leaders, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 STANDARD Flashlights, Ray-O-Vac Co., Madison, Wis.  
 STANDARD Garden Cultivator, American Fork & Hoe Co., Keith Bldg., Cleveland, Ohio.  
 STANDARD Hand Saws, Disston (Henry) & Sons, Inc. (Tacony) Phila., Pa.  
 STANDARD Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 STANDARD Hay Rack Clamps & Fixtures, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 STANDARD Heavy Duty Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.  
 STANDARD Hose Couplings, Sherman (H. B.) Mfg. Co., Battle Creek, Mich.  
 STANDARD Lawn Edger & Trimmer, Weeding Hoes, Garden Hoes, Garden Rakes, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.  
 STANDARD Leather Valves, Pump Leathers, Simplex Mfg. Co., Auburn, N. Y.  
 STANDARD Padlocks, Master Lock Co., 926 W. Juneau Ave., Milwaukee, Wis.  
 STANDARD Paints, Woolsey (C. A.) Paint & Color Co., 500 Grand, Jersey City, N. J.  
 STANDARD Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.  
 STANDARD Professional Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 STANDARD (No. 39) Railroad Lantern, Dietz (R. E.) Co., 60 Laight, New York, N. Y.  
 STANDARD Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 STANDARD Shot Guns, Harrington & Richardson Arms Co., Worcester, Mass.  
 STANDARD Stock Tank Heaters, Starline, Inc., Harvard, Ill.  
 STANEX Bale Rope and Hard Fibre Twine, Hoover & Allison Co., Xenia, Ohio.



- STANLEY-ATHA Tools, Stanley Tools, Div. of Stanley Works, New Britain, Conn.
- STANLEY Electric Soldering Irons and Tools, Stanley Tools, Div. of Stanley Works, New Britain, Conn.
- STANLEY Hardware, Stanley Wks., New Britain, Conn.
- STANLEY Insulated Bottles, Landers, Frary & Clark, New Britain, Conn.
- STANLEY MARSH Picture Frame Tools, Mitre Cutters, Mitre Vises, Sander Machines, Mitre Machines, etc., Stanley Tools, Div. of Stanley Works, New Britain, Conn.
- STANLEYS Crow Repellents, Cedar Hill Formulas Co., New Britain, Conn.
- STANLITE Enamel Paint, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.
- STANLO Mechanical Electric Toys & Motors, Stanley Works, New Britain, Conn.
- STANLOID Soft Face Hammers, Screw Drivers, Stanley Tools, Div. of Stanley Works, New Britain, Conn.
- STANSTEADY Ironing Tables, Clark (J. R.) Co., Minneapolis, Minn.
- STAR ABRASIVE Papers, Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.
- STAR Cable Chain, Jack Chain, Ladder Chain, Register Chain, Smith & Egge Div. of Turner & Seymour Mfg. Co., Torrington, Conn.
- STAR Can Openers, Turner & Seymour Mfg. Co., Torrington, Conn.
- STAR Clothes Lines, Hooen & Allison Co., Xenia, Ohio.
- STAR COLORADO Spoons & Spinners, Enterprise Mfg., Dept. H. A., Akron, Ohio.
- STAR Copper Closet Tank Floats, Chase Brass & Copper Co., Waterbury, Conn.
- STAR DOUBLE Thick Paste Paint, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.
- STAR Fence & Wire Stretchers, Wire Pullers, Hay Racks, Milking Stools, Revolving Roof Ventilators, Starline, Inc., Harvard, Ill.
- STAR Flush Tank Balls, Lavelle Rubber Co., 424 N. Wood, Chicago, Ill.
- STAR Grass Hooks, C-K-R, Div. American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.
- STAR Hack Saws, Hack Saw Frames, Metal Cutting Band Saws, Clemson Bros., Inc., Middletown, N. Y.
- STAR Heel Plates, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- STAR "L" Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- STAR MOLY Hack Saws, Clemson Bros., Middletown, N. Y.
- STAR Packing Needles (British), Graham (John) & Co., Inc., 105 Duane, New York, N. Y.
- STAR PAINTS, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.
- STAR Plasterers' Trowels, Marshalltown Trowel Co., Marshalltown, Ia.
- STAR "S" Wrench Sets, Vlichek Tool Co., 8006 E. 87th, Cleveland, O.
- STAR Safety Razors and Blades, American Safety Razor Corp., 308 Jay, Brooklyn, N. Y.
- STAR SHOVELS, Spades & Scoops, American Fork & Hoe Co., Cleveland, Ohio.
- STAR Step Ladders, Rich Ladder & Mfg. Co., 1006 Depot, Cincinnati, Ohio.
- STAR Wire Fence, Farm Gates, Mid-States Steel & Wire Co., Crawfordsville, Ind.
- STAR Wrecking Bars, Warren Tool Corp., Warren, Ohio.
- STARLINE Bull Leading Staffs, Hay Unloading Tools, Hay Carrier Tracks, Steel Windows, Mangers, Poultry Supplies, Hay Loaders, Hay Carriers, Light Material Conveyors, Sidewalk Scrapers, etc., Starline, Inc., Harvard, Ill.
- STARLING Fishing Lines, Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
- STARRETT Gages, Indicators, Levels, Hack Saw Blades and Frames, Scales, Squares, Steel Tapes, etc., Starrett (L. S.) Co., Athol, Mass.
- STAY FLAT Spray Heads, Sherman (H. B.) Mfg. Co., Battle Creek, Mich.
- STAY RIB Metal Lathe, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- STAY SHARP Knives & Knife Blades, Murphy's (Robert) Sons Co., Ayer, Mass.
- STAYNLESS Pistol & Rifle Cartridges, Winchester Repeating Arms Co., 276 Winchester Ave., New Haven, Conn.
- STAYON Barn Door Hangers, Garage Hardware, Sliding Door Track, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- STAY-TITE Caulking Compound, Wood Crack Filler, Gasket Cement, Waterproof Glue, Aquarium Cement, Deck Seams Sealer, Gear Lubricant, Stay-Tite Products Co., Dept. HA, 3107 Detroit Ave., Cleveland, Ohio.
- STAY-TITE XXX Cement, Stay-Tite Products Co., Dept. HA, 3107 Detroit Ave., Cleveland, Ohio.
- STEAM-O-MATIC Steam Iron, Steam-O-Matic Corp., 228 S. First, Milwaukee, Wis.
- STEARNS ESCO Tools, Faucets & Gates, Riveting Machines, Saw Vises, etc., Stearns (E. C.) & Co., Syracuse, N. Y.
- STEEL BLADE Furnace Dampers, Stover Mfg. & Engine Co., Freeport, Ill.
- STEEL CLAD (No. 30) Railroad Lantern, Dietz (R. E.) Co., 60 Laight, New York, N. Y.
- STEEL DRUM Oil Faucets, Stearns (E. C.) & Co., Syracuse, N. Y.
- STEEL GEM Casters, Bassick Co., Bridgeport, Conn.
- STEEL KRAFT Lathe, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.
- STEELCRAFT Juvenile Automobiles, Scooters, Toys, Coaster Wagons, Wheelbarrows, Juvenile Bicycles, Velocipedes, Murray-Ohio Mfg. Co., 115 E. 152nd, Cleveland, Ohio.
- STEELCRAFT RID-JID Ironing Tables, Clark (J. R.) Co., Minneapolis, Minn.
- STEELGRIP Belt Lacing, Armstrong-Bray & Co., 308 Sheldon, Chicago, Ill.
- STEEL NRCK Garden Rakes, Rugg Mfg. Co., Greenfield, Mass.
- STELCO Roofing Cement, Roofing Compounds, Stelwagon Mfg. Co., 19th & Washington Ave., Phila., Pa.
- STEPHAN Belt Dressing, Desmond-Stephan Mfg. Co., Urbana, Ohio.
- STERBON Knife Sharpeners, Grinding Wheels, Rubbing Bricks, Scythe Stones, Sterling Grinding Wheel Co., Tiffin, Ohio.
- STERLING Casement Adjusters, Transom Lifters, Door Guards, Gullborg (John S.) Mfg. Co., 4313 Ravenswood Ave., Chicago, Ill.
- STERLING Clothes Washing Machines, Boss Washing Machine Co., Cincinnati, Ohio.
- STERLING Cream Separators, De Laval Separator Co., 165 B'way, New York, N. Y.
- STERLING Dredge Chains, Cleveland Chain & Mfg. Co., Cleveland, Ohio.
- STERLING Farm Wagons, International Harvester Co. of America, Inc., 606 S. Michigan Ave., Chicago, Ill.
- STERLING Foot Power Grindstone, Bera Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- STERLING Hand Sprayers, Hudson (H. D.) Mfg. Co., 589 E. Illinois, Chicago, Ill.
- STERLING Lamp Chimneys, Kerr Hubbard & Kelly, Sand Springs, Okla.
- STERLING Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.
- STERLING Wire Poultry Netting, Wire Fencing, Nails, Staples, Wire, etc., Northwestern Steel & Wire Co., Sterling, Ill.
- STERLINGWORTH Shot Guns, Fox Gun Div., Savage Arms Corp., Utica, N. Y.
- STERLITH Grinding Wheels, Knife Sharpeners, Rubbing Bricks, & Scythe Stones, Sterling Grinding Wheel Co., Tiffin, Ohio.
- STEVENS Line Levels, Sand's Level & Tool Co., 8629 Gratiot Ave., Detroit, Mich.
- STEVENS Rifles, Savage Arms Corp., Utica, N. Y.
- STEVENS Rifles & Guns, Stevens (J.) Arms Co., Div., Savage Arms Corp., Chicopee Falls, Mass.
- STICK-ONS Rubber Soles and Heels, Auburn Rubber Corp., Auburn, Ind.
- STICK-TITE Hook Holders, Esterprise Mfg. Co., Dept. HA, Akron, Ohio.
- STIFF-STAY Poultry Fence, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- STIFF-STAY Wire Fence, Jackson Fence Co., Jackson, Mich.
- STILLSON Pipe Wrenches, Ridge Tool Co., Elyria, Ohio.
- STOP-A-DOR Door Stops, Ware Bros., 4456 W. Lake, Chicago, Ill.
- STOP-A-LEKE Sticks Roofing Cement, Carey (Philip) Co., Lockland, Ohio.
- STOP-A-RATTLE Anti-window Rattlers, Superior Fastener Corp., 1224 N. Clark, Chicago, Ill.
- STORLITE Electric Light Fixtures, Westinghouse Electric & Mfg. Co., Lighting Div., Edgewater Park, Cleveland, Ohio.
- STORM KING Greenhouse White Paint, White Glazing Compound, Hammer Paint & Chemical Co., Beacon, N. Y.
- STORM QUEEN Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- STORM SEAL Weatherstrip, Gardner Wire Co., 5045 W. Lake, Chicago, Ill.
- STORMGUIDE Barometers, Taylor Instrument Companies, Rochester, N. Y.
- STORMPROOF Barn Door Hangers, National Mfg. Co., Sterling, Ill.
- STORMPROOF Steel Roofing, Bethlehem Steel Co., Bethlehem, Pa.
- STOVBRITE Stove Polish, Midway Chemical Co., Div. American Home Products Corp., 275 Cornhill Ave., Jersey City, N. J.
- STOVE-LIFE Asbestos Wicks, United Stove Co., Ypsilanti, Mich.
- STOVER Pump Jacks, Stover Mfg. & Engine Co., Freeport, Ill.
- STOVER-SWARTZ Automobile Cylinder Heads, Cylinder Sleeves, Piston Pin Pistons, Tractor Cylinder Heads, Cylinder Sleeves, Piston Pin Pistons, Stover Mfg. & Engine Co., Freeport, Ill.
- STRAIGHTLINE WIRE Poultry Netting, American Steel & Wire Co., Rockfeller Bldg., Cleveland, O.
- STRAIGHTLINE WIRE Poultry Netting, Keystone Steel & Wire Co., Paris, Ill.
- STRAND MIKKELSEN SKI-KARRIER, Rugg Mfg. Co., Greenfield, Mass.
- STRANGLEHOLD Brushes, Pittsburgh Plate Glass Co., Brush Division, Baltimore, Md.
- STRIPEWITE Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- STRIPLITE Fish Bait, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- STRONG BOY Padlocks, Master Lock Co., 926 Juneau Ave., Milwaukee, Wis.
- STRONGHOLD Fibre Screw Anchors, Palatine Industrial Co., Inc., 111 4th Ave., New York, N. Y.
- STRONGHOLD File Handles, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- STRONGHOLD Snaps, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- STROP-HONE Razor Hones, Behr-Manning Corp., Troy, N. Y.
- STUART Spades, Scoops, Shovels, Wood Shovel & Tool Co., Piqua, Ohio.
- STUCCO-LITE Paints, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.
- STUD Anchor Chain, Cleveland Chain & Mfg. Co., Cleveland, Ohio.
- STUDDER Tee & Iron Fence Posts, Pittsburgh Steel Co., Grant Bldg., Pittsburgh, Pa.
- STURDE Steel & Wood "D" Handles, American Fork & Hoe Co., Keith Bldg., Cleveland, Ohio.
- STURDEX Power Lawn Mowers, Jacobsen Mfg. Co., Racine, Wis.
- STURDY Aluminum Ware, Aluminum Goods Mfg. Co., Manitowish, Wis.
- STURDY Sprayers, Smith (D. B.) & Co., Utica, N. Y.
- SUBURBAN Hard Land Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- SUCCESS Hickory Handles, Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky.
- SUCCESS Wood Heaters, Huenefeld Co., 2701 Spring Grove Ave., Cincinnati, Ill.
- SUCTION GRIP Screw Drivers, United Wire Goods Mfg. Co., 1150 B'way, New York, N. Y.
- SUDEBURY Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.
- SULFORON Fungicides, Grasselli Chemicals Dept., du Pont (E. I.) & Nemours & Co., Inc., Wilmington, Del.
- SUMCO Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- SUMMER GIRL Oil Lamp Stoves, Cleveland Lock Works, Inc., Div. Consolidated Iron-Steel Mfg. Co., 1280 E. 53rd, Cleveland, Ohio.
- SUMMIT Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- SUN FLAME Oil Burning Heaters, American Gas Machine Co., Albert Lea, Minn.
- SUN-GLO Electric Light Bulbs, Sun-Glo Lamp Works, Inc., 335 Carroll B'klyn, N. Y.
- SUN GLO Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- SUN-PROOF Paints, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.
- SUN-RAY Clothes Line Props, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.
- SUN-RED EDGE Wire Screen Cloth, Stove Pipe Wire, Reynolds Wire Co., Dixon, Ill.
- SUNSHINE Chamois (French Process), Hoyt & Worthen Tanning Corp., Haverhill, Mass.
- SUNSHINE Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- SUNSHINE TWINS Interior and Exterior Cold Water Paints, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.
- SUPER Ash & Garbage Cans, Reeves Steel & Mfg. Co., Dover, Ohio.
- SUPER-APEX Screen Wire Cloth, Hanover Wire Cloth Co., Hanover, Pa.
- SUPERBILT Stepladders, Clark (J. R.) Co., Minneapolis, Minn.
- SUPER CHIEF Electric Ranges, Standard Electric Mfg. Corp., Toledo, Ohio.
- SUPERCLINCH Shoe Nails, W. W. Cross & Co., Inc., East Jaffrey, N. H.
- SUPER-CUT Lopping Shears and Pruning Shears, Seymour Smith & Son, Inc., Oakville, Conn.
- SUPER DE-LUXE Kerosene Burners, National Enameling & Stamping Co., Milwaukee, Wis.
- SUPER-DETROIT Heavy Duty Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.
- SUPER-DETROIT Power Lawn Mowers, Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.
- SUPER DUTY Enamel Paints, Varnishes & Varnish Stains, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- SUPER Electric Cream Separators, Associated Manufacturers, Inc., Waterloo, Ia.
- SUPEREX Reel, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.
- SUPERFINE Swiss Pattern Files, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- SUPER-FLEX Hack Saws, American Saw & Mfg. Co., Springfield, Mass.
- SUPER-FORCE Force Cups, Air Force Plunger Co., (Not Inc.) 613 North Wells, Chicago, Ill.
- SUPER GREAT AMERICAN Hand Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.
- SUPER HYDEX Steel Putty, Skinning Knives, Painters' & Decorators' Tools, Hyde Mfg. Co., Southbridge, Mass.
- SUPER-INDUSTRIAL Electric Soldering Irons, National Specialties Co., Inc., 1902 Howell, Fort Wayne, Ind.
- SUPER JUICER Fruit Extractors, National Die Casting Co., 600 N. Albany Ave., Chicago, Ill.
- SUPER K Hand Lawn Mowers, Philadelphia Lawn Mower & Mfg. Co., 4250 Wissahickon Ave., Phila., Pa.

- SUPER-MATCH Cartridges, Western Cartridge Co., Dept. 50, East Alton, Ill.  
 SUPER ROLLER Lawn Mowers, Pennsylvania Lawn Mower Works, Inc., Primos, Del. County, Pa.  
 SUPER-SAFE Electric Heating Pads, Samson-United Corp., Rochester, N. Y.  
 SUPER SEAL Flashlight Batteries, Winchester Repeating Arms Co., 275 Winchester Ave., New Haven, Conn.  
 SUPER SEATS Toilet Seats, International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 SUPER SHEEN Aluminum & Bronze & Gold Paints, Foy Paint Co., Cincinnati, Ohio.  
 SUPER Soles Rubber Soles, Auburn Rubber Corp., Auburn, Ind.  
 SUPER SPEED Grinding and Lapping Compound, Carbunorundum Co., Niagara Falls, N. Y.  
 SUPER SPEED Pistol & Rifle Cartridges, Winchester Repeating Arms Co., 275 Winchester Ave., New Haven, Conn.  
 SUPER TIRELOCK Padlocks, Master Lock Co., 926 W. Juneau Ave., Milwaukee, Wis.  
 SUPER TWIN 25 Power Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 SUPER TWIN 30 Power Lawn Mower, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 SUPERVALVE Air Valves, International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 SUPER-X Shot Gun Shells & Cartridges, Western Cartridge Co., Dept. 50, East Alton, Ill.  
 SUPERB Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.  
 SUPERFLEX Oil Burning House Heaters, Fuel Oil Water Heaters, Garage Heaters, Air Conditioning Heating Plants, Kerosene Burning Refrigerators, Perfection Stove Co., 7666 Platt Ave., Cleveland, Ohio.  
 SUPERIOR Axes, Collins Co., Collinsville, Conn.  
 SUPERIOR Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 SUPERIOR Files & Rasps, Coil Files, Nicholson File Co., Providence, R. I.  
 SUPERIOR Fishing Leaders, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 SUPERIOR Metal Bead, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wis.  
 SUPERIOR Machinists Vises, Parker (Chas.) Co., Meriden, Conn.  
 SUPERIOR Milled Tooth Files, Nicholson File Co., Providence, R. I.  
 SUPERIOR Window Casement Adjusters, Door Screen Checks, Door Holders, Superior Spring Hinge Co., 548 Lake, Chicago, Ill.  
 SUPERIOR Wire Clothes Lines, Screen, Wire Cloth, Poultry Netting, Hardware Cloth, Wire Sifter & Strainer Wire, Tree Guards, Wire Staples, Wire Lath, etc., Wright (G. F.) Steel & Wire Co., Worcester, Mass.  
 SUPERLITE Electric Incandescent Bulbs, Wabash Appliance Corp., 335 Carroll, Brooklyn, N. Y.  
 SUPER-SHEEN Paint, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.  
 SUPERSTEEL Axes, Hammers, Hatchets, Scutches, etc., Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill.  
 SUPERTAN Leather Belting, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 SUPERTRAP Shot Guns, Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
 SUPERTWIST Garden Hose, Goodyear Tire & Rubber Co., 1114 Market, Akron, Ohio.  
 SUPREME Cold and Hot Blast Lanterns, Tubular Lanterns, Dash Lanterns, Wagon Lanterns, Lantern Globes, Embury Mfg. Co., Warsaw, N. Y.  
 SUPREME Fence Posts, Smith (F. P.) Wire & Iron Wks., 2346 Clybourn Ave., Chicago, Ill.  
 SUPREME Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 SUPREME Garage Door Braces, Daniel (Edward W.) Co., 4062 St. Clair Ave., Cleveland, Ohio.  
 SUPREME Pliers, Nippers, Fence Tool & Staple Puller, Krauter & Co., Inc., 685 18th Ave., Newark, N. J.  
 SURE-CLEAN Window Cleaners, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.  
 SURE-CURE Calf Weaners, Imperial Bit & Snap Co., Racine, Wis.  
 SUREDRANE Painted & Galvanized Roofing & Siding, Reeves Steel & Mfg. Co., Dover, Ohio.  
 SURE-FLUX Acid Core, Rosin Core and Self-Fluxing Solder, New York Solder Co., Inc., 15 Crosby, New York, N. Y.  
 SUREGO Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 SURE GRIP Barn Door Hangers, Garage Hardware, Hay Carriers, Hay Fork Pulleys, Sliding Door Track, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 SURE-GRIP Belt Hooks, Armstrong-Bray & Co., 304 N. Loomis, Chicago, Ill.  
 SURE-GRIP Combination Pliers, Krauter & Co., Inc., 585 18th Ave., Newark, N. J.  
 SURE GRIP Door Holders, Richard Wilcox Mfg. Co., Aurora, Ill.  
 SUREGRIP Hat Holders, Stanley Wks., New Britain, Conn.  
 SURE-GRIP Hose Clamps & Conductor Pipe Hooks, Clancy (J. P.), Inc., Syracuse, N. Y.  
 SURE GRIP Nail Puller, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 SURE GRIP Squeezes, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 SURE LOCK Barn Door Hangers, Hay Carrier Slings, Trolleys & Tracks, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 SURELOK Stove & Furnace Pipe, Reeves Steel & Mfg. Co., Dover, Ohio.  
 SURE-ON Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 SURE SHARP Knife Sharpeners, Edlund Co., Burlington, Vt.  
 SURETY BOND Adia-Thermatic Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood) Cincinnati, Ohio.  
 SURETY BOND Varnish Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood) Cincinnati, Ohio.  
 SURFALOX Wall Sealer, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.  
 SURPRISE Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 SUSQUEHANNA Spinner, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 SUSSEX Gas Cookers, Gray & Dudley Co., 222 3rd Ave. N., Nashville, Tenn.  
 SWAGGERETTES Rubber and Rubber Coated Gloves, Edmont Mfg. Co., Coshocton, Ohio.  
 SWALLOW Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.  
 SWAN Grass Hooks & Scythes (Austrian), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 SWAN Mechanics' Tools, Swan (James) Co., Seymour, Conn.  
 SWAN Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.  
 SWANEE Cross Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.  
 SWEEPMASTER Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.  
 SWEETS Horseshoe Calks, Phoenix Manufacturing Company, Joliet, Ill.  
 SWEET'S Plastic Moulded Push Pins, Sweet (H. E.) Mfg. Co., 77 Norwood Ave., Edgewood, R. I.  
 SWEDISH STEEL Axes, Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill.  
 SWEDONIAN Scythes, North Wayne Tool Co., Oakland, Me.  
 SWE-NOR Scythes, Rixford Mfg. Co., East Highgate, Vt.  
 SWING-A-WAY Can & Bottle Openers, Steel Products Mfg. Co., 1439 Merchandise Mart, Chicago, Ill.  
 SWING-IN Wardrobe Hardware, Western Products, Inc., New Castle, Ind.
- SWIFT CUTTER Scythes, North Wayne Tool Co., Oakland, Me.  
 SWING-UP Garage Door Hardware, Stanley Wks., New Britain, Conn.  
 SWIRLIT Paint Freshener, Electric Spray Co., 1415 Illinois, Sheboygan, Wis.  
 SWISH Insect Exterminators, Midway Chemical Co., Div. American Home Products Corp., 275 Cornellison Ave., Jersey City, N. J.  
 SWIVLO Casters, Bassick Co., Bridgeport, Conn.  
 SYKES Hose Holders, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 SYNCRO Power Saws, Syncro Devices, Inc., 747 Beaubien, Detroit, Mich.  
 SYNCRO DE LUXE Power Saws, Syncro Devices, Inc., 747 Beaubien, Detroit, Mich.  
 SYNCRO JR Electric Jig Saws, Syncro Devices, Inc., 747 Beaubien, Detroit, Mich.  
 SYNCRO ACE Miniature Gasoline Engines, Syncro Devices, Inc., 747 Beaubien, Detroit, Mich.  
 SYNCRO ACE SPECIAL Miniature Gasoline Engines, Syncro Devices, Inc., 747 Beaubien, Detroit, Mich.  
 SYNCRO BEE Miniature Gasoline Engines, Syncro Devices, Inc., 747 Beaubien, Detroit, Mich.  
 SYRACUSE Electric Band & Table Saws, Porter-Cable Machine Co., Syracuse, N. Y.
- T  
 3 M Grinding & Lapping Compounds, Abrasive Papers, Waterproof Floor Wax, Minnesota Mining & Mfg. Co., St. Paul, Minn.  
 3-33 Brass Faucets, Oil Faucets, Cleveland Brass Mfg. Co., 4606 Hamilton Ave., Cleveland, Ohio.  
 20TH CENTURY Barn Door Hangers, Sliding Door Track, Starline, Inc., Harvard, Ill.  
 20TH CENTURY Bottle and Pressure Type Ice Water Coolers, Cordley & Hayes, 1454 Hudson, New York, N. Y.  
 22 SUPERSHOT Revolvers, Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
 26-30 GARAGE DOOR Hardware, Allith-Prouty, Inc., Danville, Ill.  
 2 FOR 1 SET Electric Heating Pads, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.  
 2-POINT Oil Cloth & Roofing Knives, Hyde Mfg. Co., Southbridge, Mass.  
 TACK-MASTER Hand Staple Tacker, Markwell Mfg. Co., Inc., 200 Hudson, New York, N. Y.  
 TACK-ON Weatherstrip Chamberlin Metal Weatherstrip Co., Inc., 1254 La Brosse, Detroit, Mich.  
 TAILHOOK Pork Rind, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TAILSPIN Airplane and Spinner Game, Stampit Corp., Brookfield, Ill.  
 TAKE ABOUT Electric Bench Sander, Porter-Cable Machine Co., Syracuse, N. Y.  
 TAKE DOWN Hay Rack Clamps & Fixtures, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 TAKEHOLD Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.  
 TAKIT Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TALISMAN Line Assortment, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TALOCO Turpentine, Taylor-Lowenstein & Co., Mobile, Ala.  
 TAMCO Waterproof Glue, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 TAMMS Paint Mixer, Self Polishing Wax, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 TAMSO-LITE Paints, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 TAMEX Paints, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 TAN-COTE Self-Sizing Wall Finish, Tamms Silica Co., 228 N. La Salle, Chicago, Ill.  
 TANDEM Spinner, Artificial Fish Baits, Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TAPERING Hair Clippers, Brown & Sharpe Mfg. Co., Providence, R. I.  
 TAP-ON Battery Jumpers, Sawyer Belt Hook Co., Pawtucket, R. I.  
 TA-PAT-CO Horse Collar Pads, Riding Saddle Pads, Dog Cots, Sleeping Pads, Cushions, Air Mattresses, Sleeping Bags, etc., American Pad & Textile Co., Greenfield, O.  
 TAPER SOCKET Spades, Scoops, Shovels, Wood Shovel & Tool Co., Piqua, O.  
 TARGET Buster Shooting Games, Daisy Mfg. Co., 414 Union, Plymouth, Mich.  
 TARGET Cartridges, Peters Cartridge, Div. Remington Arms Co., Inc., Bridgeport, Conn.  
 TARGETEER Air Pistol, Daisy Mfg. Co., Plymouth, Mich.  
 TARGETMASTER Rifles, Remington Arms Co., Inc., Bridgeport, Conn.  
 TARPSAIL Fishing Lines, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TARTUNA Tarpon Snells, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TAT Ant Traps, Insecticides, Roach and Flea Powders, Rat & Mice Exterminators, Vitamin B1, Sollicide Laboratories, Inc., 8 Laurel Pl., Upper Montclair, N. J.  
 TAVERN Electric Motor Oil, Wax Polishes, Paint Cleaners, Window Cleaners, Socony-Vacuum Oil Co., Inc., 26 B'way, New York, N. Y.  
 TAXI Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TAYLOR Thermometers, Barometers, Taylor Instrument Companies, Rochester, N. Y.  
 TEAKETS Tea Maker, Silcox Co., 80 Olney, Hartford, Conn.  
 TEARLESS Onion Chopper, Washburn Co., Worcester, Mass.  
 TECHNITE Hack Saws, Capewell Mfg. Co., Hartford, Conn.  
 TED THE TESTER Paper Hangers, Paint & Varnish, Kalsomine, Dust, Glue, Roofing, Stucco, Artists & Paste Brushes, Wooster Brush Co., Wooster, Ohio.  
 TEE-GEE Wood Building Blocks, Root (A. I.) Co., Medina, Ohio.  
 TEL-A-MATIC Waffle Irons, Toasters, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.  
 TELECHRON Electric Clocks, Warren Telechron Co., Ashland, Mass.  
 TELEPHONE Tree Pruners and Pole Pruning Saws, Seymour Smith & Son, Inc., Oakville, Conn.  
 TEL-TRU Thermometers, Germanow-Simon Co., 413 St. Paul, Rochester, N. Y.  
 TEMBO Padlocks, Independent Lock Co., Fitchburg, Mass.  
 TEMCO Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TEMPERATOR Electric Fans, Crosley Corp., 1829 Arlington, Cincinnati, Ohio.  
 TEMPERITE Grape Fruit, Kitchen, Paring, Oyster, Clam, Putty Knives, Wall & Paint Scrapers, Murphys (Robert) Sons Co., Ayer, Mass.  
 TEMPLAR Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TEMP-PLATE Thermometers, American Thermometer Co., 2901 Clark Ave., St. Louis, Mo.  
 TEMPLE HILL Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 TEMPRITE Window Thermometers, Taylor Instrument Companies, Rochester, N. Y.  
 TEN-EIGHTY Garage Door Hardware, Allith-Prouty, Inc., Danville, Ill.  
 TEN-TEN Barn Door Hangers, Garage Door Hardware, Allith-Prouty, Inc., Danville, Ill.  
 TENSO Hammock & Porch Swing Chains, American Chain, Div. American Chain & Cable Co., Inc., Bridgeport, Conn.  
 TESTOR'S China, Crockery, Glass Cement, Liquid Glue, Model Airplane Cement, Testor Cement Co., 2305 Charles, Rockford, Ill.  
 TEXAS Cotton Chopper Hoes, Union Fork & Hoe Co., Columbus, Ohio.  
 THERM-A-JUGS, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.  
 THERMAWARE Stainless Steel Covered Aluminum Cooking Utensils, Aluminum Products Co., La Grange, Ill.  
 THERMOKOTE Heat Resisting Paint, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.

- THERMOS** Vacuum Bottles, Jugs, Water Sets, Wood Ice Tube, Ice Bowls, Ice Cube Coolers, Vacuum Bottle Lunch Kits, etc., American Thermos Bottle Co., Norwich, Conn.
- THIRD HAND** Electric Foot Switch, Walton Co., 100 Allyn, Hartford, Conn.
- THOR** Micrometers and Screw Drivers, Soft Face Hammers, Forsberg Mfg. Co., Bridgeport, Conn.
- THOROBRED** Garden Hose, Boston Woven Hose & Rubber Co., Cambridge, Mass.
- THOR** Spray Guns, Binks Mfg. Co., 3114 Carroll Ave., Chicago, Ill.
- THREE-IN-ONE** Automobile & Furniture Polish, Gun Oils, Lubricating Oils, Boyle (A. S.) Co., Div. American Home Products Corp., 257 Cornwellson Ave., Jersey City, N. J.
- THREE-M-ITE** Abrasive Cloth, Minnesota Mining & Mfg. Co., 791 Forest St. Paul, Minn.
- THREE STAR** Chamolais, American Sponge & Chamolais Co., Inc., 47 Ann, New York, N. Y.
- THREE STAR** Floor Cleaners, Sheffield Bronze Powder & Stencil Co., 12405 Euclid Ave., Cleveland, Ohio.
- THREE STAR** Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- THRIFT** Clothes Washing Machines, Brammer Mfg. Co., Davenport, Iowa.
- THRIFT PAINTS**, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood) Cincinnati, Ohio.
- THRIFT** Senior Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.
- THRIFT ROLLS** For Floor Sanding, Behr-Manning Corp., Troy, N. Y.
- THRIFTE** Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- THRIFTWIN** Electric Washing Machines, Dexter Co., Fairfield, Iowa.
- THRIFTYCOOK** Electric Table Stoves, National Enameling & Stamping Co., Milwaukee, Wis.
- THRIP** Juice Insecticides, Hammond Paint & Chemicals Co., Beacon, N. Y.
- TIDEWATER** Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TIGER** Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.
- TIGER** Rubber Mats, Garden Hose, Boston Woven Hose & Rubber Co., Cambridge, Mass.
- TIGER** Screw Driver, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- TIGER** Sleeper Anchors, V-W Co., 208 Oak, Columbus, Ohio.
- TIGER** Wire Rope Clips, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.
- TILTING** Farm Gates, Keystone Steel & Wire Co., Peoria, Ill.
- TINOL** Soldering Paste and Soldering Flux, American Solder & Flux Co., 2152 E. Norris, Phila., Pa.
- TIN-O-LIN** Roof Paint, Calbar Paint & Varnish Co., 2612-26 N. Martha, Philadelphia, Pa.
- TINT-TEX** Mats, Burton Mat Co., 175 Belmont Ave., Brooklyn, N. Y.
- TIPPIT** Door Holders, Superior Spring Hinge Co., 548 Lake, Chicago, Ill.
- TIP-TOP** Garage Door Hardware, Coburn Trolley Track Co., Holyoke, Mass.
- TIP-TOP** Garage Door Hardware, Western Products, Inc., New Castle, Ind.
- TIP-TOP** Grass Hooks, North Wayne Tool Co., Oakland, Me.
- TIP-TOP** Liquid Solder, Cement, Rubber Cement, Tip-Top Products Co., Omaha, Nebr.
- TIP-TOP** Mops, Tate (E. H.) Co., 251 Causeway, Boston, Mass.
- TIP-TOP** Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TIP-TOP** Tree Pruners, Seymour Smith & Son, Inc., Oakville, Conn.
- TIPWIN** Screw Drivers, Irwin Auger Bit Co., Wilmington, O.
- TISSOT** Pliers (British), Alfred Field & Co., Inc., 93 Chambers, New York, N. Y.
- TITAN** Fish Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TITAN-THIRTY** Power Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- TITE-LAP** Shingles, Barrett Co., 40 Rector, New York, N. Y.
- TITE-LINE** Clothesline Holder, Midland Co., South Milwaukee, Wis.
- TITELOCK** Metal Shingles, Metal Tile Roofing, Eave Trough Hangers, Stove Pipe, Milcor Steel Co., S. 41 Ave. & W. Burnham, Milwaukee, Wis.
- TITE-ROPE** Clothes Lines, Samson Cordage Wks., 59 Broad, Boston, Mass.
- TOASTMASTER** Automatic Electric Toasters, Automatic Electric Waffle Baker, McGraw Electric Co., Toastmaster Products Div., Elgin, Ill.
- TOASTMASTER** JR. Non-Automatic Electric Toasters, McGraw Electric Co., Toastmaster Products Div., Elgin, Ill.
- TOGO** Wood Stoves, Gray & Dudley Co., 222 S. Ave. N., Nashville, Tenn.
- TOKIO** Enamel Paint, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.
- TOLEDO** Fishing Rods, American Fork & Hoe Co., Geneva, Ohio.
- TOLEDO** Torches, Truck Flares, Folding Steel Horse, Cotton Wicking, Toledo Pressed Steel Co., Toledo, Ohio.
- TOM THUMB** Hack Saw Frames, Forsberg Mfg. Co., Sea View Ave., Bridgeport, Conn.
- TOMB** Sheathing, Barrett Co., 40 Rector, New York, N. Y.
- TOMAHAWK** Box Chisel, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- TOMAHAWK** Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- TONCAN** COPPER MOLYBDENUM Iron Pipe, Republic Steel Corp., Republic Bldg., Cleveland, Ohio.
- TOPAZ** Paints, Aluminum, Bronze & Gold Paints, Stains, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- TOPIC** Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TOP-OFF** Fruit Jar Wrenches, Edlun Co., Burlington, Vt.
- TOPPER** Float, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TORO** HOMELAWN Power Lawn Mowers, Toro Mfg. Corp., Minneapolis, Minn.
- TOR-ON** Oil Stains, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- TOROS** Bronze Bull Nose Rings, Seymour Smith & Son, Inc., Oakville, Conn.
- TORPEDO** Fishing Reel Cranks, Enterprise Mfg. Co., Dept. H. A., Akron, O.
- TORRENT** TRAVELER Automatic Lawn Sprinkler, Automatic Sprinkler Co., North Platte, Nebr.
- TOWERS** Hand Cuffs, Twisters, Leg Irons, Union Hardware Co., Torrington, Conn.
- TOWNSEND** Power and Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- TOWNSEND** Wirestretcher, Townsend B. W., Painted Post, N. Y.
- TRAHERN** Rotary, Hand & Windmill Pumps, Roper (Geo. D.) Corp., Rockford, Ill.
- TRAVELER** Bait Assortment, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TRAVELER** Bicycles, Shelby Cycle Co., Shelby, Ohio.
- TRAVELER** Gasoline Camp Stoves, Turner Brass Works, Sycamore, Ill.
- TREADLITE** DE LUXE Linoleum, Congoleum-Nairn, Inc., Kearny, N. J.
- TREADLITE** Service Linoleum, Congoleum-Nairn, Inc., Kearny, N. J.
- TREBLE** Fish Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TREE** EXPERT Pole Pruning Saws, Seymour Smith & Son, Inc., Oakville, Conn.
- TREEKOTE** Pruning & Grafting Compounds, Clark (Walter E.) & Son, Milford, Conn.
- TRIAD** Insecticides & Fungicides, Hammond Paint & Chemical Co., Beacon, N. Y.
- TRIANGLE** B Clamps, Wrenches, Pliers, etc., Billings & Spencer Co., Hartford, Conn.
- TRIANGLE** Drill, Rawlplug Drills, Rawlplug Co., Inc., 98 Lafayette, New York, N. Y.
- TRIANGLE** Mesh Lawn Fence & Gates, Keystone Steel & Wire Co., Peoria, Ill.
- TRIBUNE** Bicycles, Westfield Mfg. Co., Westfield, Mass.
- TRIBUNE** Fishing Lines, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TRIBUNE** NYLON Fishing Lines, Enterprise Mfg. Co., Dept. H. A., Akron, O.
- TRICLEN** Cleaning Compounds, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- TRI-CON** Hose Nozzles, Lawn Sprinklers, Garden Hose, Fertilizer & Insecticide Sprayers, Molded Specialties Co., 1971 E. 79th, Cleveland, Ohio.
- TRICO** Renewable Fuses, Trico Fuse Mfg. Co., Milwaukee, Wis.
- TRICO-MATIC** Thermal Fuses, Trico Fuse Mfg. Co., Milwaukee, Wis.
- TRI-MESH** Farm Gates, Keystone Steel & Wire Co., Peoria, Ill.
- TRI-M-ITE** Floor Sanding Papers, Minnesota Mining & Mfg. Co., St. Paul, Minn.
- TRIMMER** Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.
- TRIO** Pipe & Bolt Stocks & Dies, Greenfield Tap & Die Corp., Greenfield, Mass.
- TRIPLELUSTRE** Auto Wax, Triplewear Brake Linings Corp., 37 Kentucky Ave., Paterson, N. J.
- TRIPLE** RATCHET Power Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- TRIPLE** RATCHET ROLLER MOWER Horse Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- TRIPLE-WARE** Roller Skate Wheels, Chicago Roller Skates Co., 4456 W. Lake, Chicago, Ill.
- TRIPLEX** Cap, Set and Lag Screws, Bolts, Nuts, Washers, etc., Triplex Screw Co., 5317 Grant Ave., Cleveland, Ohio.
- TRIPLEX** Gasoline Engine Sprayers, Potato Sprayers, Myers (F. E.) & Co., Ashland, Ohio.
- TRIPLEX** Horse & Power Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- TRIPLEX** Spring Hinges, Chicago Spring Hinge Co., 1500 Carroll Ave., Chicago, Ill.
- TRI-TRAY** Glass Ash Tray, Collins (Geo. F.) & Co., Sapulpa, Okla.
- TRIUMPH** CHAMPION Cross-Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- TRIUMPH** Cold Blast Lanterns, Tubular Lanterns, Embury Mfg. Co., Warsaw, N. Y.
- TRIUMPH** DIAMOND Cross-Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- TRIUMPH** Dog Lead Chains, Halter Chains, Coll Chains, Harness Chains, Cattle and Horse Ties, Weldless Chains, Key Rings, Chain Swivels, Tronson Chains, Well Chains, etc., Bridgeport Chain & Mfg. Co., Bridgeport, Conn.
- TRIUMPH** Great American Cross-Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- TRIUMPH** Hickory Handles, Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky.
- TRIUMPH** Plain Cross-Cut Saws, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- TRIUMPH** Polishing Wheels, Osborn Mfg. Co., 5401 Hamilton Ave., Cleveland, Ohio.
- TRIUMPH** Saw Sets, Disston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- TRIUMPH** Scissors, Acme Shear Co., 150 Joseph, Bridgeport, Conn.
- TRIUMPH** Wood Heaters, Milcor Steel Co., S. 41st Ave. & Burnham, Milwaukee, Wis.
- TRI-WELD** Log Chains, Cleveland Chain & Mfg. Co., Cleveland, Ohio.
- TROJAN** Coping Saws, Coping Saw Frames, Jig Saws, Scroll Saws, Scroll Saw Frames, Metal Cutting Saws, Plastic Saws, Jewelers Saw Jewellers Saw Frames, Hack Saw Frames, Ackermann, Steffan & Co., 4309 Palmer, Chicago, Ill.
- TROJAN** Gas Motor Washing Machines, Dexter Co., Fairfield, Iowa.
- TROJAN** Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TROJAN** Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- TROJAN** Hand Lawn Mowers, Reading Hdwe. Corp., Reading, Pa.
- TROJAN** Pocket Snips, Peck, Stow & Wilcox Co., Southington, Conn.
- TROJAN** Shovels, Spades & Scoops, Ingersoll Steel & Disc Div. of Borg-Warner Corp., New Castle, Ind.
- TROJAN** Screw Drivers, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- TROJAN** Snow Shovels, Rugz Mfg. Co., Greenfield, Mass.
- TROLLEY** Barn Door Hangers, Allith-Prouty, Inc., Danville, Ill.
- TROPICAL** Kerosene Ranges & Room Heaters, National Enamellers & Stamping Co., Milwaukee, Wis.
- TROWBRIDGE** Grafting Wax, Clark (Walter E.) & Son, Milford, Conn.
- TROY** Flint Paper, Behr-Manning Corp., Troy, N. Y.
- TRU SEAL** Faucet Washers, International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.
- TRUE TEMPER** Fishing Rods, American Fork & Hoe Co., Geneva, Ohio.
- TRUE TEMPER** Garden Tools, Shovels, Spades, Scoops, Repair Handles, Archery, Juvenile Chairs, etc., American Fork & Hoe Co., Keth Bldg., Cleveland, Ohio.
- TRUENESS** Paints, Stains, Enamels, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- TRUE-VAR** Varnishes, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.
- TRUE VERMONT** Grass and Sheep Shears, Harris (D. P.) Hdw. & Mfg. Co., Inc., 99 Chamber, New York, N. Y.
- TRUMP** Electric Clothes Washing Machines, Dexter Co., Fairfield, Iowa.
- TRUMP** Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TRUMP** Garden Trowels, Garden Forks, Garden Weeder, etc., Animal Trap Co. of America, Lititz, Pa.
- TRI-SHADE** Lawn Seed Mixture, Woodruff (F. H.) & Sons, Milford Conn.
- TRUSTY** Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- TRYON** Farm & Garden Tools, Union Fork & Hoe Co., Columbus, Ohio.
- TURBS** Snow Shoes, American Fork & Hoe Co., Geneva, Ohio.
- TUBEHAKS** Sash Cord, Silver Lake Co., 99 Chauncey, Boston, Mass.
- TUCK** ER WAY Folding Chairs, Golf Bags, Tucker Duck & Rubber Co., Fort Smith, Ark.
- TUCK-SE-DO** Furniture Pads, Tucker Duck & Rubber Co., Fort Smith, Ark.
- TUCK-WAY** Card & Folding Tables, Tucker Duck & Rubber Co., Fort Smith, Ark.
- TUCKER** WAY Juvenile Chairs, Tucker Duck & Rubber Co., Fort Smith, Ark.
- TUDOR** Mailtainer House Mail Boxes, Patent Novelty Co., Fulton, Ill.
- TUDUCO** Awnings, Tents, Tarpaulins, Tucker Duck & Rubber Co., Fort Smith, Ark.
- TUFBOY** Inside Measure Tape Rule, Master Rule Mfg. Co., Inc., 817 E. 136th, New York, N. Y.
- TUFF** WILLOW Faucet Washers, Williams-Bowman Rubber Co., 1939 S. 54th Ave., Cicero, Ill.
- TUNGFLEX** Hack Saws, Capewell Mfg. Co., Hartford, Conn.
- TUNGHARD** Hack Saws, Capewell Mfg. Co., Hartford, Conn.
- TURBINE** Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- TURBINE** Lawn Sprinklers, Premax Products Div., Chisholm-Ryder Co., Inc., 9000 College Ave., Niagara Falls, N. Y.
- TURF** MAKER Lawn Seed Mixture, Woodruff (F. H.) & Sons, Milford, Conn.
- TURFMASTER** Power Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- TURKEY** RED Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood) Cincinnati, Ohio.



TURNERDAY Hickory Handles, Turner, Day & Woolworth Handle Co., Inc., Louisville, Ky.  
 TURNER-LITE Gasoline Lamps & Lanterns, Turner Brass Works, Sycamore, Ill.  
 TURN-OVER Garage Door Hardware, Coburn Trolley Track Co., Holyoke, Mass.  
 T. U. S. Grass Shears (British), Alfred Field & Co., Inc., 93 Chambers, New York, N. Y.  
 T. WALDRON Scythes (British), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 TUSCAR Barn Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.  
 TUTTLE Cross-Cut and Priming Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 TWENTIETH CENTURY Axes, Star Drills, Hammers, Hatchets, etc., Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill.  
 TWENTIETH CENTURY Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 TWIN CLIP-ON Racks, Autoyre Co., Oakville, Conn.  
 TWIN-CUT Pruning Shears, Porter (H. K.) Inc., Everett, Mass.  
 TWIN-EIGHT Oil Parlor Furnace, Allen Mfg. Co., Nashville, Tenn.  
 TWIN OCEAN Fishing Rods, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 TWIN-O-MATIC Electric Wafler Baker, Manning, Bowman & Co., Meriden, Conn.  
 TWINE Mops, Tate, (E. H.) Co., 251 Causeway, Boston, Mass.  
 TWO-IN-ONE Gasoline & Oil Cans, Eagle Mfg. Co., Wellsburg, W. Va.  
 TWO-IN-ONE Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 TWO STAR Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 TWO WAY Folding Rules, Lufkin Rule Co., Saginaw, Mich.  
 TYL-LYKE Roofing and Siding, Continental Steel Corp., Kokomo, Ind.

## U

U-AD-OIL Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood) Cincinnati, Ohio.  
 U-DO-IT Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave. (Norwood), Cincinnati, Ohio.  
 U-STIK-ON Rubber Soles, Auburn Rubber Corp., Auburn, Ind.  
 UNBREAKABLE Hammers, Hatchets, Picks, etc., Estwing Mfg. Co., Rockford, Ill.  
 UNBREAKABLE Nail Puller, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 UNEEDA Clothes Washing Machines, Boss Washing Machine Co., Cincinnati, Ohio.  
 UNIFAST Lock Sets, Lockwood Hdwe. Mfg. Co., Fitchburg, Mass.  
 UNI-FILL Scratch Brushes, Pittsburgh Plate Glass Co., Brush Division, Baltimore, Md.  
 UNION Emery Cloth, Carborundum Co., Niagara Falls, N. Y.  
 UNION Fishing Rods, Roller & Ice Skates, Hack Saw Frames, Fishing Reels, Nail Pullers, Chisels, Gauges, Gun Implements, Ice Creepers, Mitre Boxes, Screw Drivers, Calls & Whistles, Police Goods, etc., Union Hardware Co., Torrington, Conn.  
 UNION Hand Lawn Mowers, Heineke & Co., 1900 S. 8th, Springfield, Ill.  
 UNION Perfect as Circle Farm, Garden, Builders' & Contractors' Tools, Union Fork & Hoe Co., Columbus, Ohio.  
 UNION LOCK Poultry Fence, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 UNION Lamp Oil Stoves, Florence Stove Co., Gardner, Mass.  
 UNISPUR Electricians Drills & Bits, Greenlee Tool Co., 2136-12, Rockford, Ill.  
 UNIT Adjustable Sash Balances, Pullman Mfg. Corp., 1176 University Ave., Rochester, N. Y.  
 UNIT-AX Axes, Crate Openers, Wire Pullers, Estwing Mfg. Co., Rockford, Ill.  
 UNITOOL Screw Drivers, Carpenter Chisels, Steel Fishing Rods, Trowels, Coping Saw Frames, Ice Picks, etc., United Wire Goods Mfg. Co., 1150 B'way, New York, N. Y.  
 UNIVERSAL Electrical Household Appliances, Cutlery, Vacuum Bottles, Carpet Sweepers, Vacuum Cleaners, Electric Fans, Floor Waxing Machines, Electric Ranges, Bathroom Fixtures, etc., Landers, Frary & Clark, New Britain, Conn.  
 UNIVERSAL Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 UNIVERSAL DELUXE Electric Vacuum Cleaners, Landers, Frary & Clark, New Britain, Conn.  
 UNIVERSAL Door Closers, Independent Lock Co., Fitchburg, Mass.  
 UNIVERSAL Door Hangers, Grand Specialties Co., 3101 W. Grand Ave., Chicago, Ill.  
 UNIVERSAL Electric Testers, Winzeler Mfg. & Tool Co., 2145 Walnut, Chicago, Ill.  
 UNIVERSAL Folding Rules, Eagle Rule Mfg. Corp., 514 Hunts Point Ave., New York, N. Y.  
 UNIVERSAL Hack Saws, Millers Falls, Greenfield, Mass.  
 UNIVERSAL Hay Carrier Slings, Pump Jacks, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 UNIVERSAL Key Cutting Machines, Independent Lock Co., Fitchburg, Mass.  
 UNIVERSAL Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 UNIVERSAL LOW BOY Weight Watcher Bathroom Scales, Landers, Frary & Clark, New Britain, Conn.  
 UNIVERSAL Measuring Tapes, Try & Mitre Squares, Lufkin Rule Co., Saginaw, Mich.  
 UNIVESAL MIXERBEATER Electric Whippers, Extractors and Mixers, Landers, Frary & Clark, New Britain, Conn.  
 UNIVERSAL Paint Mixing Machine, Horst Universal Sales Co., 13630 Elmira Ave., Detroit, Mich.  
 UNIVERSAL Plant Supports, Miller (Robt. E.), Inc., 35 Pearl, New York, N. Y.  
 UNIVERSAL Plumbing and Heating Specialties, International Plumbing Mfg. Co., Inc., 45 Murray, New York, N. Y.  
 UNIVERSAL Rip Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 UNIVERSAL Rubber Pot & Pan Scrapers, Auburn Rubber Corp., Auburn, Ind.  
 UNIVERSAL Scaffold Brackets, Ajax Building Bracket Co., 1551 Rydal Mount Rd., Cleveland Heights, O.  
 UNIVERSAL STANDARD Casters, Bassick Co., Bridgeport, Conn.  
 UNO Minnows, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 UP-SIDE-DOWN Cake Pans, National Enameling & Stamping Co., Milwaukee, Wisc.  
 UPSON DOWNS Horse Race Game, Syncro Devices, Inc., 747 Beaubien, Detroit, Mich.  
 UP-TO-DATE Brooders, Mit-Shel Stamping Mfg. Co., Quincy, Ill.  
 UPRIGHT Foot Scrapers, National Mfg. Co., Sterling, Ill.  
 UPSON Bolts, Carriage & Wagon Hardware, Wire Rope Clips, Nuts, Rivets, Coach Screws, Cap Screws, etc., Republic Steel Corp., Upson Nut Division, Cleveland, Ohio.  
 U. S. Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 U. S. Basin Stoppers, Flush Tank Balls, United States Rubber Co., 1230 6th Ave., New York, N. Y.

U. S. Electric-Welded Trace Chains, McKay Co., McKay Bldg., Pittsburgh, Pa.  
 U. S. HEXLOK Poultry Netting & Fence, Indiana Steel & Wire Co., Muncie, Ind.  
 U. S. Matchless Fruit Jar Rubbers, United States Rubber Co., 1230 6th Ave., New York, N. Y.  
 U. S. Revolvers, Johnson's (Iver) Arms & Cycle Wks., Fitchburg, Mass.  
 U. S. RELIO Force Cups, United States Rubber Co., 1230 6th Ave., New York, N. Y.  
 U. S. ROYAL PE-KO EDGE Jar Openers & Jar Rubbers, United States Rubber Co., 1230 6th Ave., New York, N. Y.  
 U. S. SECURITY Friction Tape, United States Rubber Co., 1230 6th Ave., New York, N. Y.  
 U. S. STRAITLOK Poultry Netting & Fence, Indiana Steel & Wire Co., Muncie, Ind.  
 U. S. Wire Fence, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 USS BANNER Poultry Fence, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 USS Black and Galvanized Sheets, Metal Roofing & Siding, Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 USS IDEAL Poultry Fence, Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 USS Metal Shingles, Metal Roofing and Siding, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 USS Stainless Metal Braided and Twisted Fishing Lines, Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 U. S. S. Stainless Steel Pipe & Tubes, National Tube Co., Frick Bldg., Pittsburgh, Pa.  
 USS Stainless Steel Sheets, Roofing & Siding, Black, Galvanized & Steel Sheets, Terne Plates, Carnegie-Illinois Steel Corp., Pittsburgh, Pa.  
 USS STORMSEAL Metal Roofing, American Steel & Wire Co., Rockefeller Bldg., Cleveland, O.  
 USS STORMSEAL Metal Roofing, Carnegie-Illinois Steel Corp., Pittsburgh, Pa.  
 USS STORMSEAL Metal Roofing, Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 USS TENNESEAL Metal Roofing & Siding, Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.  
 USS UNION LOCK Poultry Fence, Columbia Steel Co., 235 Montgomery, San Francisco, Cal.  
 UTAH Hay Carrier Slings, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 UTICA Pliers, Snips, Nippers, and Seal Presses, Utica Drop Forge & Tool Corp., Utica, N. Y.  
 UTICA-SMITH Armored Cable Cutters, Utica Drop Forge & Tool Corp., Utica, N. Y.  
 UTIL-AX Trappers & Campers Axes, Estwing Mfg. Co., Rockford, Ill.  
 UTILITY Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.  
 UTILITY Enamel Paints, Screen Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.  
 UTILITY Tools and Hardware Specialties, Utility Hdwe. Corp., 315 Berry, Brooklyn, N. Y.  
 UTILITY White Paste Paint, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio  
 UTK SPRAYERS, Smith (D. B.) & Co., Utica, N. Y.

## V

V. & B. Hammers, Hatchets, Axes, Planes, Pliers, Punches, Scrapers, Pincers, Nippers, Chisels, Ice Tongs, etc., Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill.  
 V-W Ventilators, V-W Co., 208 Oak, Columbus, Ohio.  
 VAC-SPRAY Hose Nozzles, Keystone Brass & Rubber Co., Broad & Lehigh Ave., Phila., Pa.  
 VALENCIA Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 VALET AUTOSTROP Safety Razors & Blades, Razor Strops, Gillette Safety Razor Co., 15 W. 1, Boston, Mass.  
 VALLEY FORGE Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 VALLEY PET Screw Drivers, Union Hardware Co., Torrington, Conn.  
 VALUE BRAND Axes, Hammers, Hatchets, Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill.  
 VANADIUM Hammers, Hatchets, Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill.  
 VANITE Golf Balls, Van Cleef Bros., 7800 Woodland Ave., Chicago, Ill.  
 VANITIE Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, O.  
 VANITY Carpet Sweepers, Bissell Carpet Sweeper Co., Grand Rapids, Mich.  
 VANITY Electric Clothes Washing Machines, Voss Bros. Mfg. Co., Davenport, Ia.  
 VAPOR-SEAL Roaster, Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 VAR-LIN Varnishes, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.  
 VARNIGO Paint & Varnish Removers, Boyle (A. S.) Co. Div. American Home Products Corp., 257 Cornhill Ave., Jersey City, N. J.  
 VASDA Paints, Johnston (R. F.) Paint Co., 3925 Huston Ave., (Norwood) Cincinnati, Ohio.  
 VASSAR Hand Lawn Mowers, Coldwell Lawn Mower Co., Newburgh, N. Y.  
 VAUGHAN Bottle Openers, Vaughan Novelty Mfg. Co., 3211 Carroll Ave., Chicago, Ill.  
 VAUGHAN Post Hole Augers, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.  
 V CRIMP Roofing, Milcor Steel Co., S. 41st Ave. & W. Burnham, Milwaukee, Wisc.  
 VEGA Kitchen Clocks, New Haven Clock Co., New Haven, Conn.  
 VELO-KING Velocipedes, Brown (E. C.) Co., Rochester, N. Y.  
 VELOX Sickle & Mower Knife Grinders, Richards Wilcox Mfg. Co., Aurora, Ill.  
 VELVA-GLOSS Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.  
 VELVA SEAL Paints, Primers, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.  
 VELVATONE Paints, Foy Paint Co., Inc., Cincinnati (Norwood), Ohio.  
 VELVITE Lap Powder, Behr-Manning Corp., Troy, N. Y.  
 VEND-A-PAK Bright Wire Goods, Washburn Co., Worcester, Mass.  
 VENESSE Flies, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 VENOSTONE Cement Floor Primer, Reardon Co., St. Louis, Mo.  
 VENT-AIR Metal Window Ventilators, National Screen Co., Inc., Suffolk, Va.  
 VERITAS Emery Wheel Dressers (Swedish), Sandvik Saw & Tool Corp., 109 Lafayette, New York, N. Y.  
 VERMONT CLIPPER Axes, Rixford Mfg. Co., East High Gate, Vt.  
 VESTA Railroad Lanterns, Dietz (R. E.) Co., 60 Light, New York, N. Y.  
 VETERAN Floor Brushes, Osborn Mfg. Co., Cleveland, Ohio.  
 VIBRO Frog Lure, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 VICTOR Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 VICTOR Breast Chains, Tie Out Chains, Weldless Chains, McKay Co., 1006 Liberty Ave., Pittsburgh, Pa.  
 VICTOR Breeze-Spreaders Electric Fans, Victor Electric Products, Inc., 2950 Robertson Ave., Cincinnati, Ohio.  
 VICTOR Clear-Airs Residential Exhaust Fans, Victor Electric Products, Inc., 2950 Robertson Ave., Cincinnati, Ohio.  
 VICTOR Coil Door Springs, Sargent & Co., New Haven, Conn.  
 VICTOR Cross-Cut Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 VICTOR Drag Scrapers, American Steel Scraper Co., Sidney, O.  
 VICTOR Duck Decoys, Animal Trap Co., of America, Lititz, Pa.

- VICTOR Fishing Tackle Assortments, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- VICTOR Force-Air Commercial Exhaust Fans, Victor Electric Products, Inc., 2950 Robertson Ave., Cincinnati, Ohio.
- VICTOR Hand & Wind Mill Pumps Myers (F. E.) & Bro. Co., Ashland, Ohio.
- VICTOR Heat Boosters, Warm Air Fans Victor Electric Products, Inc., 2950 Robertson Ave., Cincinnati, Ohio.
- VICTOR IN-BELTS Residential Exhaust Fans, Victor Electric Products, Inc., 2950 Robertson Ave., Cincinnati, Ohio.
- VICTOR Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- VICTOR MONO-MATIC Electric Ironers, Victor Electric Products, Inc., 772 Reading Rd., Cincinnati, Ohio.
- VICTOR Pliers, Krauter & Co., Inc., 575 18th Ave., Newark, N. J.
- VICTOR Rat & Mouse Traps, Gopher & Mole Traps, Animal Trap Co. of America, Little, Pa.
- VICTOR Screw Drivers, Electric Soldering Irons, Stanley Tools Div. of Stanley Works, New Britain, Conn.
- VICTOR Shot Gun Shells, Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn.
- VICTOR Step Ladders, Babcock (W. W.) Co., Bath, N. Y.
- VICTOR Tornado Air Circulators, Victor Electric Products, Inc., 2950 Robertson Ave., Cincinnati, Ohio.
- VICTOR Zephyr Electric Fans, Victor Electric Products, Inc., 2950 Robertson Ave., Cincinnati, Ohio.
- VICTORY Garden Cultivators, Union Fork & Hoe Co., Columbus, Ohio.
- VICTORY Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.
- VICTORY Lasts & Stands, Star Heel Plate Co., Louis Sacks, Inc., 357 Wilson Ave., Newark, N. J.
- VICTORY Leather Belting, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.
- VICTORY Oil Burning Circulating Heaters, Quaker Mfg. Co., 221 W. Erie, Chicago, Ill.
- VIGILANT Automobile Tail Lights, Diets (R. E.) Co., 60 Laight, New York, N. Y.
- VIGILANT Garden Hose, Boston Woven Hose & Rubber Co., Cambridge, Mass.
- VIGO Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- VIGORO Fertilizers, Plant Food, Swift & Co., Fertilizer Wks., Chicago, Ill.
- VIKING Fishing Lines, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- VIKING Hack Saw Frames, Coping Saw Frames, Manual Training Saws, Hand Drills, Screw Drivers, Putty Knives, Scraping Knives, Scratch Awns, Forsberg Mfg. Co., Sea View Ave., Bridgeport, Conn.
- VIKING Hand Lawn Mowers, Heinke & Co., 1900 S. 8th, Springfield, Ill.
- VIKO Aluminum Ware, Aluminum Goods Mfg. Co., Manitowoc, Wis.
- VIM Fishing Reels, Union Hardware Co., Torrington, Conn.
- VIM Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- VINDEX Household Sharpeners, Nut Bowl & Cracker, Vises, Iron Toys, Bench Anvils, National Sewing Machine Co., Velvidere, Ill.
- VINEYARD Pruning Shears, Seymour Smith & Son, Inc., Oakville, Conn.
- VINTEX Texture Paints, Reardon Co., St. Louis, Mo.
- VIRGINIA Fish Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- VIRGINIAN Cross-Cut Saws, Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- VISE-GRIP Plier Wrench, Petersen Mfg. Co., De Witt, Nebr.
- VISIBLE Glass Mail Box, Collins (Geo. F.) & Co., Sapulpa, Okla.
- VISUMATIC Electric Irons, Samson-United Corp., Rochester, N. Y.
- VITA Liquid Floor Wax, Boston Varnish Co., 529 Everett Station, Boston, Mass.
- VITA-FLOR Vitamin B1 for Plants, National Oil Products Co., First & Essex, Harrison, N. J.
- VITALIC Bicycle, Motorcycle Handle Grips, Rubber Composition Mallets, Bicycle and Velocipede Tires, Jar Rings, Rim Strips for Balloon Tires, Continental Rubber Works, Erie, Pa.
- VITALIC HI-LO Car Washers, Continental Rubber Works, Erie, Pa.
- VITASPARK Multiple Batteries, Bright Star Battery Co., Clifton, N. J.
- VITA-VAR Paints, Enamels and Varnishes, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.
- VITEX Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- VI-VA Paints & Varnish, Johnston (R. F.) Paint Co., 3925 Houston Ave (Norwood), Cincinnati, Ohio.
- VIXEN Garden Hose, Boston Woven Hose & Rubber Co., Cambridge, Mass.
- VLCHEK Mechanics Tools, Vlchek Tool Co., Cleveland, Ohio.
- VOGUE Bicycles, Colson Corp., Elyria, Ohio.
- VOGUE Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.
- VOLCANO Revolving Chimney Tops, Iwan Bros., 1501 Prairie Ave., South Bend, Ind.
- VOLCANO Rubbish Burners, Union Steel Products Co., Albion, Mich.
- VOLCANO Wood Stoves and Heaters, Gray & Dudley Co., 222 3d Ave., N., Nashville, Tenn.
- VOLCK Fungicides, Grasselli, Chemical Dept. du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.
- VOLCO Ranges & Heaters, Volunteer Stove Works, Nashville, Tenn.
- VOLUNTEER Fire Extinguishers, Diets (R. E.) Co., 60 Laight, New York, N. Y.
- VULCAN Ash & Garbage Cans, Reeves Steel & Mfg. Co., Dover, Ohio.
- VULCAN Electric Soldering Irons, Vulcan Electric Co., 600 Broad, Lynn, Mass.
- VULCAN Hand Lawn Mowers, F. & N. Lawn Mower Co., Richmond, Ind.
- VULCAN Hand Saws, Diston (Henry) & Sons, Inc. (Tacony), Phila., Pa.
- VULCAN (No. 39) Railroad Lanterns, Diets (R. E.) Co., 60 Laight, New York, N. Y.
- VULCAN Screen Wire Cloth, Hanover Wire Cloth Co., Hanover, Pa.
- VULCANITE Krome Leather Belting, Lacing, Mechanical Leathers, Chicago Rawhide Mfg. Co., 1285 Elston Ave., Chicago, Ill.
- W
- WW Cotter Pins, Wire Pipe Hooks, Western Wire Products Co., 1415 S. 18th, St. Louis, Mo.
- WHS Brick Trowels (British), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.
- WABASH Window & Door Screens, Knock Down Window Screen Frames, Combination Screen & Storm Doors, Continental Screen Co., 1323 Book Bldg., Detroit, Mich.
- WACO Electric Incandescent Bulbs, Wabash Appliance Corp., 335 Carroll, Brooklyn, N. Y.
- WAGNER Door Hangers and Tracks, Garage Door Hardware, Fire Door Hardware, Power Operators and Overhead Type Door Equipment, Wagner Mfg. Co., Cedar Falls, Iowa.
- WALKOVER Asphalt Roofing, Barrett Co., 40 Rector, New York, N. Y.
- WALL-BOY Clothes Racks, Clark (J. R.) Co., Minneapolis, Minn.
- WALL Cordage, Twines and Oakum, Wall Rope Works, Inc., 48 South, New York, N. Y.
- WALL GLO Semi Gloss Paint, Watson-Standard Co., 225 Galveston Ave., Pittsburgh, Pa.
- WALLGARD Aluminum Paint, Vita-Var Corp., 1180 Raymond Blvd., Newark, N. J.
- WALLHIDE Paints, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- WALLSTONE Levelling Material For Walls, Tamms Silica Co., 228 N. L. Salle, Chicago, Ill.
- WALNUT Pruning Saws, Atkins (E. C.) & Co., Indianapolis, Ind.
- WALSCO Padlocks, Waterbury Lock & Specialty Co., Milford, Conn.
- WALTON Tap Extractors, Walton Co., 100 Allyn, Hartford, Conn.
- WANETTA Treble Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- WARE BROTHERS Junior and Juvenile Roller Skates, Chicago Roller Skates Co., 4456 West Lake, Chicago, Ill.
- WARREN Safety Emery Wheel Dressers, Axes, Warren Axe & Tool Co., Warren, Pa.
- WARRINGTON Electric Coffee Urns, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- WARWOOD Picks, Mattocks, Hoes, Wedges, Hammers, Mauls, Adzes, Sledges & Crow Bars, Coal Mining Tools, Railway Track Tools, etc., Warwood Tool Co., Wheeling, W. Va.
- WASHBURN Sod Spiker, Universal Lawn Tool Co., Portland, Ore.
- WASHBURNE Sliding Door Locks & Latches, National Mfg. Co., Sterling, Ill.
- WASHINGTON Electric Ranges, Electric Table Stoves, Gas Ranges, Wood Stoves & Ranges, Wood Heaters, Laundry Stoves, Oil Burning Heaters, Coal Stoves & Ranges, Gas Cookers, etc., Gray & Dudley Co., 222 3rd Ave., N., Nashville, Tenn.
- WASHINGTON KITCHENETTE Electric Cookers, Gray & Dudley Co., 222 3rd Ave., N., Nashville, Tenn.
- WASHINGTON PET Wood Stoves, Gray & Dudley Co., 222 3rd Ave., N., Nashville, Tenn.
- WASHINGTON-PLYMOUTH Oil Burning Circulating Heaters, Gray-Dudley Co., Nashville, Tenn.
- WASHINGTON RANGETTE Electric Cookers, Gray & Dudley Co., 222 3rd Ave., N., Nashville, Tenn.
- WASHINGTON Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.
- WASHITA Pocket Stones, Behr-Manning Corp., Troy, N. Y.
- WASHORE Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, O.
- W. A. SHUSTER Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.
- WATERFLEX Manila Rope, Whitlock Cordage Co., 46 South, New York, N. Y.
- WATERBOY Power Pumps, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- WATERBURY Blue Marker Manila Rope, Waterbury Rope Co., Inc., 401 Park Ave., Bklyn., N. Y.
- WATERBURY Brand Java Rope and Twine, Waterbury Rope Co., Inc., 401 Park Ave., Bklyn., N. Y.
- WATER Miser Ball Bearing Faucet Washers, Sherman (N. B.) Mfg. Co., Battle Creek, Mich.
- WATER MIZER Lawn Sprinklers, Universal Lawn Tool Co., 3450 N.E. B'way, Portland, Ore.
- WATERS Tree Trimmers, Seymour Smith & Son, Inc., Oakville, Conn.
- WATERSPAR Enamel, Paints, Varnishes, Liquid Wax Polish, Auto Top Dressing, Pittsburgh Plate Glass Co., Paint Division, Grant Bldg., Pittsburgh, Pa.
- WAUKEGAN Barbed Wire, American Steel & Wire Co., Rockefeller Bldg., Cleveland, Ohio.
- WAUSAU Abrasive Cloth, Minnesota Mining & Mfg. Co., St. Paul, Minn.
- WAXOFF Wax Removers, Shalk Chemical Co., 357 East Second, Los Angeles, Calif.
- WAY RITE Household Scales, Hanson Scale Co., 523 North Ada, Chicago, Ill.
- WEARWELL Trolley Ropes, Silver Lake Co., 99 Chauncy, Boston, Mass.
- WEARWELL Non-Skid Tire Chains, Cleveland Chain & Mfg. Co., Cleveland, Ohio.
- WEATHER-KOTE Paints, Woolsey (C. A.) Paint & Color Co., 500 Grand Jersey City, N. J.
- WEATHER-PROOF Sash Cord, Silver Lake Co., 99 Chauncy, Boston, Mass.
- WEATHERPROOF Garage Door Hangers, Sliding Door Tracks, Starline, Inc., Harvard, Ill.
- WEATHER Seal Weatherstrip, Gardner Wire Co., 5045 W. Lake, Chicago, Ill.
- WEATHERTITE Roof Coatings, Pecora Paint Co., Inc., Lawrence & Venango, Phila., Pa.
- WEAVERTEX Perforated Mats, Burton Mat Co., 175 Belmont Ave., B'klyn., N.Y.
- WEBSTER Kitchen Saws, Ohlen-Bishop Co., Columbus, Ohio.
- WEDGELOCK Shingles, Barrett Co., 40 Rector, New York, N. Y.
- WEED Tire Lock Chains, Tire Chain Fasteners, Chain Repair Pliers, Tire Chain Tighteners, Tire Chain Repair Tools and Non-Skid Chains, American Chain Div. American Chain & Cable Co., Inc., Bridgeport, Conn.
- WEEDLESS FISHERMEN Outboard Boat Motors, Evinrude Motors, Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- WEEDLESS SERVICE Twin Outboard Boat Motors, Evinrude Motors Div. of Outboard Marine & Mfg. Co., 4939 N. 27th, Milwaukee, Wis.
- WEIGH MASTER Bathroom Scales, Hanson Scale Co., 523 North Ada, Chicago, Ill.
- WELSBACH Kerosene Mantles, Lindsay Light & Chemical Co., Welsbach Div., West Chicago, Ill.
- WELTON Cattle Leaders, Seymour Smith & Son, Inc., Oakville, Conn.
- WENZELMANN Hay Rack Clamps & Fixtures, Myers (F. E.) & Bro. Co., Ashland, Ohio.
- WERNCO Extruded Aluminum and Brass Mouldings, Stainless Steel Snap-on and Rolled Mouldings, Stair Noesings, Aluminum and Bronze Thresholds, Werner (R. D.) Co., Inc., 21 E. 30th, New York, N. Y.
- WEST BEND Aluminum Ware & Waterless Cookers, Drip Coffee Makers, West Bend Aluminum Co., West Bend, Wisc.
- WESTERN Ammunition, Practice Shooting Traps, etc., Western Cartridge Co., Dept. 50, East Alton, Ill.
- WESTERN Aurora Garage Door Hangers & Hinges, Western Products, Inc., New Castle, Ind.
- WESTERN RED END Scythe Stones, Beres Abrasives, Div. Cleveland Quarries Co., 1134 Builders Exch. Bldg., Cleveland, O.
- WESTERN Sliding & Folding Door Hardware, Fire Door Fixtures, Overhead Trolley Tracks & Trolleys, Garage Door Hardware, Parkor Door Hangers, Western Products, Inc., New Castle, Ind.
- WESTERN Grindstones, Richards Wilcox Mfg. Co., Aurora, Ill.
- WESTERN Laundry Stoves, Gray & Dudley Co., 222 3rd Ave., N., Nashville, Tenn.
- WESTERN Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.
- WESTFIELD Bicycles, Westfield Mfg. Co., Westfield, Mass.
- WESTMINSTER Radiator Shields, Marshallan Mfg. Co., 5716 Euclid Ave., Cleveland, Ohio.
- WEST-OVER Garage Hardware, Western Products, Inc., New Castle, Ind.
- WHALE Clothes Lines, Samson Cordage Wks., 89 Broad, Boston, Mass.
- WHALE Hack Saw Frames, Coping Saws & Frames, Keyhole, Manual Training, Metal Cutting & Plumbers' Saws, Screw Drivers, Metal & Wood Cutting Band Saws, Spiral Screw Drivers, Mallets, Twin Action Wood Scrapers, Forsberg Mfg. Co., Sea View Ave., Bridgeport, Conn.

WHIPPET Hand Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 WHIPPIT Egg Beater, Indestor Mfg. Corp., 2675 N. Kildare Ave., Chicago, Ill.  
 WHIRL-I-GIG Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 WHIRLING SHOWERS Lawn Sprinklers, Brown (E. C.) Co., Rochester, N. Y.  
 WHIRLWIND Grinders, Behr-Manning Corp., Troy, N. Y.  
 WHITE BEAR Weatherstrip, Gardner Wire Co., 5045 W. Lake, Chicago, Ill.  
 WHITE FLYER Targets, Clay Pigeons, Western Cartridge Co., Dept. I-50, East Alton, Ill.  
 WHITE HOUSE Household Scales, Hanson Scale Co., 523 North Ada, Chicago, Ill.  
 WHITE LABEL Tool Steel, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.  
 WHITE MONOGRAM Tennis Rackets (Canadian) Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 WHITE MOUNTAIN Ice Chippers & Ice Cream Freezers, White Mountain Freezer Co., Inc., Nashua, N. H.  
 WHITE MOUNTAIN Scythe Stones, Behr-Manning Corp., Troy, N. Y.  
 WHIZ Electric Hedge Trimmers, Skilsaw, Inc., 3310 Elston Ave., Chicago, Ill.  
 WHOOPEE Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, O.  
 WICO Ash and Garbage Cans and Pails, Witt Cornice Co., 2114 Winchell Ave., Cincinnati, Ohio.  
 WIDE AWAKE Hair Clippers, American Shearer Mfg. Co., Nashua, N. H.  
 WIER Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 WIGGLERS Pork Rind Bait Strips, American Fork & Hoe Co., Keith Bldg., Cleveland, O.  
 WILBOW Rubber Plumbing Specialties, Williams-Bowman Rubber Co., Cicero, Ill.  
 WILCO-LUSTRE Floor Finish, Wilson-Imperial Co., 115 Chestnut, Newark, N. J.  
 WILCO Marine Equipment, Willis (E. L.) Co., 91 Chamber, New York, N. Y.  
 WILCOX Ball Bearing Hinges, Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 WILCOX Stay-On Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 WILCOX TANDEM Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 WILCOX WORLD WIDE Barn Door Hangers, Richards Wilcox Mfg. Co., Aurora, Ill.  
 WILD-OAK Leather Sole Strips, Wilder & Company, 1038 N. Crosby, Chicago, Ill.  
 WILDERGLOSS Stove Pipe, Stove Pipe Collars, Stove & Furnace Pipe Elbows, Wilder Mfg. Co., 2001 S. Main, Niles, O.  
 WILDER'S LION Leather Soles, Wilder & Company, 1038 N. Crosby, Chicago, Ill.  
 WILKINSON Grass, Sheep and Hedge Shears (British), Graham (John H.) & Co., Inc., 105 Duane, New York, N. Y.  
 WILWEAR Bathroom Fixtures, Turner & Seymour Mfg. Co., Torrington, Conn.  
 WILDWOOD Fishing Reels, Enterprise Mfg. Co., Dept. H. A., Akron, O.  
 WM. PENN Bathroom Fixtures, Brey-Krause Mfg. Co., Allentown, Pa.  
 WM. PENN Manila Rope, Fittler (Edwin N.) Co., 5625 Tacony (Frankford), Phila., Pa.  
 WILLIAMS Reel Drags, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 WIMBLEDON Match Rifle Cartridges, Peters Cartridge Div. Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn.  
 WINCHESTER Rifles, Shot Guns, Cartridges, Shot Shells, Cleaning & Lubricating Preparations, Pocket Knives, Flashlights, Batteries, Ice & Roller Skates, etc., Winchester Repeating Arms Co., New Haven, Conn.  
 WIN-DOR Casement Window Hardware, Casement Hardware Co., 404 North Wood, Chicago, Ill.  
 WIN-DOR SNUGGERS, Cupboard Door Catches, Casement Hardware Co., 404 North Wood, Chicago, Ill.  
 WINDMILL Regulator Hand & Wind Mill Pumps, Myers (F. E.) & Bro. Co., Ashland, Ohio.  
 WINDOW-FABRIC Glass Substitute, Flex-O-Glass Mfg. Co., 1104 N. Cicero Ave., Chicago, Ill.  
 WINDOVENT Window Ventilators, Patent Novelty Co., Inc., Fulton, Ill.  
 WIND SEAL Weatherstrip, Wirts-Bosley Corp., 3242 N. California Ave., Chicago, Ill.  
 WINGFOOT Garden Hose, Goodyear Tire & Rubber Co., 1114 Market, Akron, Ohio.  
 WINMANCO Scythes and Grass Hooks, Winsted Mfg. Co., Inc., Winsted, Conn.  
 WINNER Wood Heaters, Milcor Steel Co., S. 41st Ave. & Burnham, Milwaukee, Wis.  
 WINNER Flashlights, Batteries, Bond Electric Corp., New Haven, Conn.  
 WINTITE Sash Locks, American Cabinet Hardware Corp., Rockford, Ill.  
 WIREGRIP Belt Fasteners & Belt Lacing, Armstrong-Bray & Co., 308 Loomis, Chicago, Ill.  
 WIRELESS POWER Gasoline Motors, Briggs & Stratton Corp., 2711 No 18th, Milwaukee, Wis.  
 WISS Shears, Scissors, Desk Sets, Manicure Sets and Snips, Wiss (J.) & Sons Co., 33 Littleton Ave., Dept. A, Newark, N. J.  
 WISS-CLIPPER Grass Shears, Wiss (J.) & Sons Co., 33 Littleton Ave., Dept. A, Newark, N. J.  
 WISSCO Clothes Lines, Picture Wire, Radiator Shields, American Wire Fabrics Corp., 500 Fifth Ave., New York, N. Y.  
 WITHERBY Awls, Chisels, Drawing Knives, Calipers & Dividers, Compasses, Wood Turning Tools, Winsted Edge Tool Works, Winsted, Conn.  
 WITT Ash, Garbage & Waste Cans, Pails, Concealed Garbage Cans Witt Cornice Co., 2114 Winchell Ave., Cincinnati, Ohio.  
 WIZARD Drain Pipe and Closet Bowl Cleaners, Midway Chemical Co., Div. American Home Products Corp., 257 Cornelison Ave., Jersey City, N. J.  
 WIZARD Flexible-Rigid Steel Rules, Lufkin Rule Co., Saginaw, Mich.  
 WIZARD Ice Skates & Shoes, Johnson (Alfred) Skate Co., 2846 W. North Ave., Chicago, Ill.  
 WIZARD Swivel Casters, Bassick Co., Bridgeport, Conn.  
 WIZARD Turnbuckles and Screen Door Braces, Daniel (Edward W.) Co., 4062 St. Clair Ave., Cleveland, O.  
 WIZARD Wiggler, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 WOLVERENE Bolt & Rivet Clipper, Vaughan & Bushnell Mfg. Co., 2114 Carroll Ave., Chicago, Ill.  
 WOLVERINE Measuring Tapes, Lufkin Rule Co., Saginaw, Mich.  
 WONDER Insecticides, Furniture Polish, Metal Polish, Wax Polish, etc., Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 WONDER-GLOSS Furniture Polish, Uncle Sam Chemical Co., Inc., 329 E. 29th, New York, N. Y.  
 WONDERPASTE Paint & Varnish Removers, Wilson-Imperial Co., 115 Chestnut, Newark, N. J.  
 WONDER WEEDER Garden Weedeers, Gardener's Friend Co., Div. of Cooke-Roberts Corp., Orange, N. J.

WONDORA Leader, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 WOOD Spades, Scoops, Shovels, Wood Shovel & Tool Co., Piqua, Ohio.  
 WOODFIX Wood Paste, Sheffield Bronze Powder & Stencil Co., 12405 Euclid Ave., Cleveland, Ohio.  
 WOOD-O-STAT Brooders, Makomb Steel Products Co., Macomb, Ill.  
 WOODSMASHER Rifles, Remington Arms Co., Inc., Bridgeport, Conn.  
 WOOLE WORM Spoons & Spinners, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 WOOSTER Brushes, Wooster Brush Co., Wooster, Ohio.  
 WORLD Barn Door Hangers, Richards-Wilcox Mfg. Co., Aurora, Ill.  
 WORK-AT-HOME Circular Saws, Atkins (E. C.) & Co., Indianapolis, Ind.  
 WORTH Household Tools, Peck, Stow & Wilcox Co., Southington, Conn.  
 WORTHMORE Minnow Pails, Mit-Shel Stamping Mfg. Co., Quincy, Ill.  
 WORTHY WASHINGTON Cannon Stones, Gray & Dudley Co., Nashville, Tenn.  
 WREN Hand Lawn Mowers, Townsend (Samuel P.) Lawn Mower Co., Bloomfield, N. J.  
 WRIGHT Chain Link Wire Fencing, Lawn Fence & Gates, etc., Wright (G. F.) Steel & Wire Co., Worcester, Mass.  
 WRIGHT Shovel Co., Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 WRIGHT'S JENNINGS Auger Bits, Connecticut Valley Mfg. Co., Centerbrook, Conn.  
 WRIGHTO Shovels, Spades & Scoops, Ames, Baldwin, Wyoming Co., Parkersburg, W. Va.  
 WRIGHT'S Patent Expansive Bits, Connecticut Valley Mfg. Co., Centerbrook, Conn.  
 WROUGHT Washers, Wrought Washer Mfg. Co., 2218 S. Bay, Milwaukee, Wis.  
 WURKEZE Plunger Pumps, Laughlin (Thomas) Co., Portland, Me.  
 WYR-O-GLASS Glass Substitute, Flex-O-Glass Mfg. Co., 1104 N. Cicero Ave., Chicago, Ill.  
 WYTEFACE Measuring Tapes, Keuffel & Esser Co., 300 Adams, Hoboken, N. J.

## X

XODOR Insecticides, Midway Chemical Co., Div. American Home Products Co., 257 Cornelison Ave., Jersey City, N. J.  
 XPERT Shot Gun Shells & Cartridges, Western Cartridge Co., Dept. 50, East Alton, Ill.  
 X RAY LEAD Polished Plate Glass, Pittsburgh Plate Glass Co., Grant Bldg., Pittsburgh, Pa.  
 XTRALITE Plasterers' Trowels, Marshalltown Trowel Co., Marshalltown, Ia.  
 XTRASTRONG Clothes Lines, Samson Cordage Works, 89 Board, Boston, Mass.

## Y

YPS Kitchen Sink Cabinets, Kitchen Sinks, Household Cabinets, Youngstown Pressed Steel, Div. Mullins Mfg. Corp., Warren, Ohio.  
 YALE Builders & Cabinet Hardware, Padlocks, Hinges, Door Closers, Lavatory Door Hardware, Jail & Prison Locks, Lubricating Oil, etc., Yale & Towne Mfg. Co., Stamford, Conn.  
 YALE JUNIOR Padlocks, Yale & Towne Mfg. Co., Stamford, Conn.  
 YANKEE Clipper Children's Sleds, Allen (S. L.) & Co., Inc., 401 Glenwood Ave., Phila., Pa.  
 YANKEE CLIPPER Oilstones, Behr-Manning Corp., Troy, N. Y.  
 YANKEE Finger Nail Clippers, H. C. Cook Co., Ansonia, Conn.  
 YANKEE Grease & Oil Cups, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 YANKEE Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 YANKEE Mechanic Tools, Christmas Tree Holders, Radio Tool Sets, Screw Drivers, Vises, etc., North Bros. Mfg. Co., Lehigh Ave. & American, Phila., Pa.  
 YANKEE Sprayers, Smith (D. B.) & Co., Utica, N. Y.  
 YANKEE Watches, Ingersoll-Waterbury Co., Waterbury, Conn.  
 YARD-MAN Lawn Mower Grinding Machine, Yard-Man, Inc., Jackson, Mich.  
 YARN GIRL Twine Holders, Ritter-Carlton Co., Inc., 373 4th Ave., New York, N. Y.  
 YARN MAID Twine Holders, Ritter-Carlton Co., Inc., 373 4th Ave., New York, N. Y.  
 YELLOW CROWN Screw Drivers, Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 YELLOW LABEL Tool Steel, Heller Brothers Co., 865 Mt. Prospect Ave., Newark, N. J.  
 YELLOW-STRIFE Aluminum Oxide Abrasive Cloth and Papers, Clover Mfg. Co., Norwalk, Conn.  
 YORK Wire Screen Cloth, New York Wire Cloth Co., 500 5 Ave., New York, N. Y.  
 YPSILANTI Portable Kerosene Heaters, United Stove Co., Ypsilanti, Mich.  
 YUCATAN Clothes Lines, Parcel Post Twine, Columbian Rope Co., 352 Genesee St., Auburn, N. Y.  
 YUKON Ice Cream Freezers, Peerless Freezer Co., Winchendon, Mass.

## Z

Z-RO Warm Air Furnaces, Oakland Fdry. Co., Belleville, Ill.  
 ZANE GREY Swordfish Fish Hooks, Enterprise Mfg. Co., Dept. H. A., Akron, Ohio.  
 ZENITH Lawn Sprinklers, Allen (W. D.) Mfg. Co., 566 W. Lake, Chicago, Ill.  
 ZEPHYR Electric Clothes Washing Machines, Voss Bros. Mfg. Co., Davenport, Ia.  
 ZEPHYR Electric Ranges, Standard Electric Mfg. Corp., Toledo, Ohio.  
 ZEPHYR Elevating Hand Trucks, Yale & Towne Mfg. Co., 4530 Tacony, Phila., Pa.  
 ZEPHYR Hand Lawn Mowers, Eclipse Lawn Mower Co., Prophetstown, Ill.  
 ZEPHYR Hand Saws, Ohlen-Bishop Co., Columbus, Ohio.  
 ZEPHYR Ice Cream Freezer, Conco Engineering Wks., Mendota, Ill.  
 ZEPHYR Noiseless Ball Wheel Roller Skates, Zephyr Products Co., 208 Forrest Ave., Newport, Ky.  
 ZEPHYR Roller Skates & Wheels, Chicago Roller Skate Co., 4456 W. Lake, Chicago, Ill.  
 ZEREX Anti-Freezing Compounds, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 ZERO Ice Cream Freezers, Peerless Freezer Co., Winchendon, Mass.  
 ZERO Weatherstrip, Dennis (W. J.) & Co., 2110 W. Lake, Chicago, Ill.  
 ZERONE Anti-Freezing Compounds, Du Pont (E. I.) de Nemours & Co., Inc., Wilmington, Del.  
 ZIG-ZAG Folding Rules, Stanley Tools Div. Stanley Works, New Britain, Conn.  
 ZINC CITY Glaziers' Points, Maze (W. H.) Co., 1207 Water, Peru, Ill.  
 ZIP Cross-Cut Saws, Disston (Henry) & Sons, Inc., (Tacony), Phila., Pa.  
 ZIP Electric Fans, Knapp-Monarch Co., 3501 Bent Ave., St. Louis, Mo.  
 ZIP Fly Rod Pork Rind, Enterprise Mfg. Co., Dept. HA, Akron, Ohio.  
 ZIPPER TOP Rubbish Burners, Union Steel Products Co., Albion, Mich.



# JOBBER'S' BRANDS

## TRADE NAMES AND HOUSE BRANDS OF WHOLESALE HARDWARE HOUSES

### A

ABCO, A. Baldwin & Co., Inc., New Orleans, La.  
ACME, Masback Hardware Company, Inc., 326-330 Hudson St., New York, N. Y.  
ADAMS Underhill, Clinch & Co., 150 Varick St., New York, N. Y.  
AETNA, Sechtman Hardware Co., Inc., 140 Governor St., Hartford, Conn.  
AJAX Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.  
ALABAMA Lawn Mowers, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.  
ALADDIN Axes, Axes, Hammer & Sledge Handles, Cotton Chopping Hoes and Tire Patches, Corpus Christi Hardware Co., Corpus Christi, Tex.  
ALAMISS Lawn Mowers, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.  
ALL CLIMATE, Simmons Hardware Co., 900 Spruce St., St. Louis, Mo.  
ALLIGATOR Axes, Clocks, Cutlery, Farm Tools, Fishing Tackle, Stoves, Collar Pads, Cultivators, Garden Hoes, Grub Hoes, Grindstones, Shovels, Paint Brushes, Tool Handles, Wheelbarrows, etc., Florida Hardware Co., 16 E. Bay St., Jacksonville, Fla.  
ALL PURPOSE Paint & Paint Brushes, Butler Brothers, Randolph & Canal St., Chicago, Ill.  
AMERICAN ACE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
AMERICAN BEAUTY Lawn Mowers, Asphalt Roofing, Shovels, Roller Skates, Hose, Insulated Jugs, Tool Handles, Ice Cream Freezers, Paint Brushes, Paints, Furniture Polish, Food Choppers, Oil Cans, Batteries, Tools, etc., American Hardware Supply Co., 41-43 Terminal Way, Pittsburgh, Pa.  
AMERICAN ENAMELWARE, Butler Bros., Randolph & Canal St., Chicago, Ill.  
AMERICAN OFFICIAL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
AMERICA'S BEST, Moore-Handley Hdwe. Co., 19-27 So. 20th St., Birmingham, Ala.  
AMIKAY, Yakima Hardware Co., 118 E. Yakima Ave., Yakima, Wash.  
ANDERSON, Emery Cloth, Plastering Trowels, Chas. Weiland, Inc., 149 Chambers St., New York, N. Y.  
ANNIVERSARY Anger Bits, Axes, Braces, Buck Saws, Butcher Knives, Butcher Saws, Butcher Steels, Hand Saws, Lawn Mowers, Narrow Cross-cut Saws, One-man Saws, Planes and Wide Cross-cut Saws, Geo. Worthington Co., 802-832 St. Clair Ave., N. W., Cleveland, Ohio.  
ANTI-RAY Sun Glasses, Butler Bros., Randolph & Canal St., Chicago, Ill.  
ARISTOCRAT, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
ARKANSAS TRAVELER, Fones Brothers Hardware Company, Second & Rock St., Little Rock, Ark.  
AROCOMA, Logan Hardware & Supply Co., 300 Highland Ave., Logan, W. Va.  
ARROW COASTER, Hall Hardware Co., 618 N. 3rd St., Minneapolis, Minn.  
ARROWHEAD, Kelley-How-Thomson Co., 809-849 So. Fifth Ave., West Duluth, Minn.  
ATLANTIC, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
ATLAS Brushes, Fitchburg Hardware Co., 50 Laurel St., Fitchburg, Mass.  
AUTO-KING MOTOR OILS, Marshall-Weils Co., Duluth, Minn.  
AUTO-NU Automobile Paint, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.  
AZTEC, Union Hardware & Metal Co., 411 East First St., Los Angeles, Cal.

### B

B. B. B., W. Bingham Company, 1278-1298 W. 9th St., Cleveland, Ohio.  
BALDWIN'S SPECIAL, A. Baldwin & Co., Inc., New Orleans, La.  
BANNER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
BARBER'S PET, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
BAYONNE, Tracy-Weils Co., 175 N. Front St., Columbus, Ohio.  
BAY STATE, Simmons Hardware Company, 900 Spruce St., St. Louis, Mo.  
BEACH, Black Hardware Co., Strand Between 22nd & 23rd St., Galveston, Tex.  
BECO, Bering-Cortes Hardware Co., P. O. Box 117, Houston, Tex.  
BEE-KAY, Boetticher & Kellogg Co., Evansville, Ind.  
BELCO, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.  
BELFAST, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
BELFAST, Tracy-Weils Co., 175 N. Front St., Columbus, Ohio.  
BELKNAP, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.  
BEN-HUR Bicycles, Tire Tape & Tools, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.  
BERKSHIRE, Bright & Company, 8th & Elm Sts., Reading, Pa.  
BERKSHIRE, Simmons Hardware Co., 900 Spruce St., St. Louis, Mo.  
BEST MADE STEEL Blush, Mize & Silliman Hardware Co., Atchison, Kan.  
BIG BOY, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
BINGO Stick Sway, Marshall-Weils Co., Duluth, Minn.  
BLACKBIRD, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
BLACK DIAMOND, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
BLACK HAWK, Cutler Hardware Company, 400 Sycamore St., Waterloo, Iowa.  
BLACK PRINCE, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
BLUE GEM Steel Products, etc., Tru-Test Marketing & Merchandising Corp., Merchandising Mart, Chicago, Ill.  
BLUE GRASS, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.

BLUE JAY, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
BLUE LABEL Kooning, Hall Hardware Co., 618 N. 3rd St., Minneapolis, Minn.  
BLUE OAK, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
BLUE RIBBON, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.  
BLUESPUK Razor Blades, Butler Bros., Randolph & Canal St., Chicago, Ill.  
BLUESTONE, Bluefield Hardware Company, 200-208 Bluefield Ave., Bluefield, W. Va.  
BOSCO Shoveling Boards, Stowe Hardware & Supply Company, 1322-1330 W. 18th St., Kansas City, Mo.  
BRIAR HILL, Taylor & Spotswood Co., Minnesota & 19th St., San Francisco, Cal.  
BRICO, Bright & Co., 8th & Elm Sts., Reading, Pa.  
BRIDGE, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
BRITESPOT Varnish, Hall Hardware Co., 618 N. 3rd St., Minneapolis, Minn.  
BRONX PARK Grass Seed, Chas. Weiland, Inc., 149 Chambers St., New York, N. Y.  
BROWN CLIPPER Plows & Steel Shapes, Stowe Hdwe. & Supply Co., 1332 W. 18th St., Kansas City, Mo.  
BUFFALO, Summers Hardware & Supply Co., Buffalo & Aabe St., Johnson City, Tenn.  
BURLINGTON—Used on Steel Goods, Saws & Handles, Drake Hardware Co., 106 Washington St., Burlington, Iowa.

### C

CACTUS, Edward S. Hughes Co., Abilene, Tex.  
CADD, Lee Hardware Company, Limited, Shreveport, La.  
CALUMET, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.  
CANNONBALL Tin & Galvanized Ware, Butler Brothers, Randolph & Canal St., Chicago, Ill.  
CAPITOL Cutlery, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.  
CAPITOL CITY, Sechtman Hardware Company, Inc., 140-142 Governor St., Hartford, Conn.  
CASTLE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
CAUSEWAY, Black Hardware Co., Strand Between 22nd & 23rd St., Galveston, Tex.  
CHALLENGER Automobile Fans, Ice Cream Freezers, Paint, Rope & Washing Machines, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
CHALLENGER, Underhill Clinch & Co., 150 Varick St., New York, N. Y.  
CHAMPION, Higginbotham-Pearlstone Hardware Co., Market and Ross Ave., Dallas, Tex.  
CHARTER OAK, Sechtman Hardware Company, Inc., 140-142 Governor St., Hartford, Conn.  
CHIEF, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
CHIEF LOGAN, Logan Hardware & Supply Co., 300 Highland Ave., Logan, W. Va.  
CHILHOWEE, House-Hasson Hardware Co., 757-768 Western Ave., Knoxville, Tenn.  
CICO, Charles Iifed Company, Albuquerque, N. M.  
CLAYBANK, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
CLEAN CLIPPER Cutlery and Socket Firmer Chisels, Wright & Wilhelm Company, 10th & Jackson Sts., Omaha, Nebr.  
CLEAN CUT Tools and Cutlery, Dunham, Carrigan & Hayden Co., San Francisco, Cal.  
CLEARCUT Anger Bits, Axes, Chisels, Hammers, Hatchets, Lawn Mowers, Scoops & Shovels, Geo. Worthington Co., 802-832 St. Clair Ave., N. W., Cleveland, Ohio.  
CLEVELAND Lawn Mowers, Geo. Worthington Co., 802-832 St. Clair Ave., N. W., Cleveland, Ohio.  
CLIMAX, Nash Hardware Co., Fort Worth, Tex.  
CLIMAX, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
CLINTON, A. H. Marshall Co., Inc., 84 Margaret St., Plattsburg, N. Y.  
CLOVERLEAF Galvanized Sheets, Dunham, Carrigan & Hayden Co., San Francisco, Cal.  
CLOVER LEAF, Wyeth Hardware & Manufacturing Co., 301-325 N. 2nd St., St. Joseph, Mo.  
COLONIAL, J. T. Johnson, 6 Strand St., Kingston, N. Y.  
COLONIAL Roofing, Marshall-Weils Co., Duluth, Minn.  
COLUMBIA, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
COMMODORE Paints, etc., Tru-Test Marketing & Merchandising Corp., Merchandising Mart, Chicago, Ill.  
COMSTOCK Handles, Dunham, Carrigan & Hayden Co., San Francisco, Cal.  
CONESTOGA Electric Washers, Brooms, Shellac, etc., Steinman Hdwe. Co., 26 W. King St., Lancaster, Pa.  
CONQUEROR, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
CORTEZ, Union Hardware & Metal Co., 411 East First St., Los Angeles, Ca.  
COSMOS Hose, Dunham, Carrigan & Hayden Co., San Francisco, Cal.  
COUNTRY CLUB, Townley Metal & Hardware Company, 200 Walnut St., Kansas City, Mo.  
CREPELINE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
CRESCENT Steel Goods, Drake Hdwe. Co., 106 Washington St., Burlington, Ia.  
CRESCENT, Logan-Gregg Hardware Co., 121-129 Ninth St., Pittsburgh, Pa.  
" Southern Supply Co., Pacific Ave. at Jefferson St., Dallas, Tex.  
" Axe, Hammer, Hatchet, Pick and Sledge Handles, Chas. J. Smith & Co., 81 Wilkinson Ave., Jersey City, N. J.  
" Auger Bits and Electric Soldering Irons, Chas. Weiland, Inc., 149 Chambers St., New York, N. Y.

BROWN Sheathing Paper, Fitchburg Hardware Co., 50 Laurel St., Fitchburg, Mass.  
 BRUSADER, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.  
 BRUSO, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.  
 BUNBERLAND, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 BUNNINGHAM Tires & Tubes, Butler Brothers, Randolph & Canal Sts., Chicago, Ill.  
 BUT EASY, Smith Bros. Hardware Company, 580 North Fourth St., Columbus, Ohio.  
 BUTLER, Cutler Hardware Company, 400 Sycamore St., Waterloo, Iowa.  
 BYCLONE, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.

D

DRAKE Hardware Co., 106 Washington St., Burlington, Iowa.  
 DE, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 DEKOTA STAR, Jackson Hardware Co., Aberdeen, S. D.  
 DELTEX, Southern Supply Co., Pacific Ave. at Jefferson St., Dallas, Tex.  
 DELLY SPECIAL Step Ladders, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.  
 DEANDY, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 DEJAUNTEE, Tracy-Wells Co., 175 Front St., Columbus, Ohio.  
 DELMAR, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 DE LUXE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 DEMMLER Solder & Tin Plate, Sheet Metals & Heating Supplies, Demmler Bros. Company, 100-104 Ross St., Pittsburgh, Pa.  
 DEKTER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 DIAMOND, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 DIAMOND BRAND, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 DIAMOND EDGE, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 DIAMOND K, Kelley-How-Thomson Co., 309-349 So. Fifth Ave. West, Duluth, Minn.  
 DIKTATOR Brushes, Cleaner, Furnace Cement, Lubricating Oils & Greases, Lawn Seed, Spark Plugs, Radio Tubes, Roof Cement, Dry Paste & Ready Mixed Paints & Varnishes, Kerosene & Gasoline Stoves & Ranges, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 DIKIE, On a very few lines, Beck & Gregg Hdwe. Co., 64 Marietta St., Atlanta, Ga.  
 DIKIE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 DIOMO, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.  
 DIORPIAN, Clark Witbeck Co., 416 State St., Schenectady, N. Y.  
 DIOTOP, Boetticher & Kellogg Co., Evansville, Ind.  
 DIUNHAM Tools, Dunham, Carrigan & Hayden Co., San Francisco, Cal.  
 DIUTTON DEPENDABLE, W. M. Dutton & Sons Co., Hastings, Neb.

E

ECONOMY Composition Roofing, O'Neill-McNamara Hardware Co., 707-713 Clay St., Vicksburg, Miss.  
 ECOMONY Roofing, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 ELECTRIC, Union Hardware & Metal Co., 441 E. 1st St., Los Angeles, Cal.  
 ELECTRIC CITY, Wyeth Hardware & Manufacturing Co., 301-325 N. 2nd St., St. Joseph, Mo.  
 ELK Saddles & Leather Goods, Stratton-Warren Hardware Co., Carolina Ave. & Florida St., Memphis, Tenn.  
 EMMAWCO, Emmons-Hawkins Hardware Co., Huntington, W. Va.  
 EMMO-GLOSS Water-Mixed Wax, Emmons-Hawkins Hardware Co., Huntington, W. Va.  
 EMMO-VAR Floor Sealing Compound, Emmons-Hawkins Hardware Co., Huntington, W. Va.  
 EMPIRE, Southern Supply Co., Pacific Ave. at Jefferson St., Dallas, Tex.  
 ENDERS, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 ENDERS SPECIAL SERVICE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 ENTERPRISE Furnaces, Gas Ranges, Gas Heaters, Electric Ranges, Electric Water Heaters, Coal & Wood Stoves, Ranges & Heaters, Phillips & Buttrick Co., 217 N. 3rd Ave., Nashville, Tenn.  
 ERIN Fishing Lines, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 ESTEEO Bicycles, Coaster Wagons, Golf Balls, Golf Clubs, Paint Brushes and Velocipedes, Stambaugh-Thompson Co., 114-118 W. Federal St., Youngstown, Ohio.  
 EUREKA, Senger Hardware Company, Inc., 19-21 Leonard St., New York, N. Y.  
 EVERKEEN, John Pritzlaff Hardware Co., 333 N. Plankinton Ave., Milwaukee, Wis.  
 E-Z-CHOPPER, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 E-Z CUTTER, Geller, Ware & Hanner Hardware Co., 410 N. Fourth St., St. Louis, Mo.  
 E-Z-KAST Line, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 E-Z-SPEED Bike, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 E-Z-SPIN Reel, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.

F

FALLS CITY, Bait Boxes, Handy Boxes, Minnow Buckets, Tackle Boxes, Plug Boxes, Rod & Reel Cases, Stratton & Terstegge Co., 15th & Main Sts., Louisville, Ky.  
 FARMER BOY, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 FARWELL OK, Paints, Varnishes & Motor Oil, Farwell, Osmun, Kirk & Co., Third & Jackson Sts., St. Paul, Minn.  
 FAST MAIL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 FAULTLESS Shoveling Boards, Stowe Hardware & Supply Company, 1323-1330 W. 13th St., Kansas City, Mo.  
 FAULTLESS, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 FAULTLESS, Stratton-Warren Hardware Co., Carolina Ave. & Florida St., Memphis, Tenn.  
 FAVORITE, Stratton-Warren Hardware Co., Carolina Ave. & Florida St., Memphis, Tenn.  
 FAYETTE, Logan-Gregg Hardware Company, 121-129 Ninth St., Pittsburgh, Pa.  
 FIDELITONE-RADIO, Hibbard, Spencer, Bartlett & Co., 211 E. No. Water St., Chicago, Ill.  
 FIDELITY, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 FLA KING Lawn Mowers, Knight & Wall Co., Tampa, Fla.  
 FLA QUEEN Lawn Mowers, Knight & Wall Co., Tampa, Fla.  
 FLAT TOP, Bluefield Hardware Company, 200-208 Bluefield Ave., Bluefield, W. Va.

FLUIT HILLS—Used on Steel Goods, Saws & Handles, Drake Hardware Co., 106 Washington St., Burlington, Iowa.  
 FOLD-FLAT Row Boats, Hammond Lumber Company, 2010 South Alameda St., Los Angeles, Cal.  
 FONTENAC, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 FOREST CITY HIGH WHEEL Lawn Mowers, Geo. Washington Co., 802-832 St. Clair Ave., N. W., Cleveland, Ohio.  
 FORT HENRY, Otto-Heiskell Company, Wheeling, West Va.  
 FRANKLIN, Tracy-Wells Co., 175 N. Front St., Columbus, Ohio.

G

GALVEZ, Black Hardware Co., Strand Bet. 22nd & 23rd Sts., Galveston, Tex.  
 GEM Lawn Mowers, Chas. J. Smith & Co., 31 Wilkinson Ave., Jersey City, N. J.  
 GEM Alarm Clocks, Butler Bros., Randolph & Canal Sts., Chicago, Ill.  
 GENERAL GREEN, Odell Hdwe. Co., 322 S. Davis St., Greensboro, N. C.  
 GENERAL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 GILT EDGE Paints, Varnishes, Enamels, Stock Tanks & Sheet Metal Products, Farwell, Osmun, Kirk & Co., Third and Jackson Sts., Saint Paul, Minn.  
 GILT EDGE PAINT, Billings Hardware Co., Billings, Mont.  
 GLIDER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 GOBLIN, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 GOLD BOND Utility Varnish, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 GOLD TIP Shovels, Spades and Steel Goods, Isaac Walker Hardware Co., Oak & Washington Sts., Peoria, Ill.  
 GOOD LUCK Lawn Mowers, Geo. Worthington Co., 302-332 St. Clair Ave., N. W., Cleveland, Ohio.  
 GOOD SERVICE, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 GORILLA Tires and Tubes, Butler Brothers, Randolph & Canal Sts., Chicago, Ill.  
 GOULD'S XLNT, Lee Hardware Company, Limited, Shreveport, La.  
 GOVERNOR, Sechtman Hardware Co., Inc., 140-142 Governor St., Hartford, Conn.  
 GOWIN Composition Roll Roofing, Paints & Toilet Paper, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.  
 GRAYLING, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 GREEN INDIAN, Logan Hardware & Supply Co., 300 Highland Ave., Logan, W. Va.  
 GRID KING, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 GRIPTITE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 GULF TARPON, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 GUNNISON, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 GUYAN, Emmons-Hawkins Hardware Co., Huntington, W. Va.  
 GUYANDOTTE, Emmons-Hawkins Hardware Co., Huntington, W. Va.  
 GYM KING, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

H

H-H-H, House-Hasson Hardware Co., 757-763 Western Ave., Knoxville, Tenn.  
 HALL HDWE. SAW, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 HARECO, Harper & Reynolds, 143-154 N. Main St., Los Angeles, Cal.  
 HAR-MAC, Harper & McIntire Company, Ottumwa, Iowa.  
 HARTFORD Tools, Marshall-Wells Co., Duluth, Minn.  
 HAWCO, Haw Hardware Co., Ottumwa, Iowa.  
 HEALTHWAY Rubber Heels and Soles, Butler Brothers, Randolph and Canal Sts., Chicago, Ill.  
 HEATMASTER Circulating Heaters, Marshall-Wells Co., Duluth, Minn.  
 HELMET, Peden Iron & Steel Co., Houston, Tex.  
 HE-MO-JO, Henkle & Joyce Hardware Co., 800-812 Q Street, Lincoln, Neb.  
 HENRY SEARS & SON Pocket and Table Cutlery, Kitchen Knives & Shears, Farwell, Osmun, Kirk & Co., Third and Jackson Sts., St. Paul, Minn.  
 HELPING HAND, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 HERO, Wimberly & Thomas Hardware Co., Inc., 2011 First Ave., Birmingham, Ala.  
 HERSCHEL, Southern Supply Co., Pacific Ave. at Jefferson St., Dallas, Tex.  
 HIBBARD, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.  
 HI-CARB Cultivator Shovels, Stowe Hdwe. & Supply Co., 1322 W. 13th St., Kansas City, Mo.  
 HICKORY, Kelley-How-Thomson Co., 309-349 So. Fifth Ave., West Duluth, Minn.  
 HIGH SKILL, Otto-Heiskell Company, Wheeling, West Va.  
 HI VOLT Flashlight Batteries, Hot Spark Batteries, Radio B & C Batteries, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 HI-WAY Electrical, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.  
 HI-WAY Rubber Heels & Soles, Butler Bros., Randolph & Canal Sts., Chicago, Ill.  
 HOLDFAST, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 HONEST ARE, Henkle & Joyce Hardware Co., 800-812 Q St., Lincoln, Neb.  
 HOWARD, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 HOWARD CUTLERY CO., Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 HUNKY DORY Fly Spray, Marshall-Wells Co., Duluth, Minn.

I

I-CUT-KEEN, A. Baldwin & Co., Inc., New Orleans, La.  
 ICE DIAMOND, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 IDEAL Lawn Mowers, Chas. J. Smith & Co., 31 Wilkinson Ave., Jersey City, N. J.  
 IL-A-NOY, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.  
 IXL Cutlery & Tools, Witte Hardware Co., 704 N. Third St., St. Louis, Mo.  
 IMPERIAL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 IMPERIAL, Underhill Clinch & Co., 150 Varick St., New York, N. Y.  
 I. O. A. Axes, Cutlery, Shovels, Spades, Steel Goods, etc., Brown-Camp Hardware Company, First St. at Elm, Des Moines, Iowa.  
 IROQUOIS Paints, Butler Brothers, Randolph & Canal Sts., Chicago, Ill.  
 IVORINE Enamelware, Butler Bros., Randolph & Canal Sts., Chicago, Ill.

J

J K SPECIAL Mops, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.  
 JENHARCO, Jennison Hardware Co., Bay City, Mich.

★ For Description of Products see Index starting on page 3 ★

JERSEY, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 JEWELL Brushes, Fitchburg Hardware Co., 50 Laurel St., Fitchburg, Mass.  
 JOHN DAY Files, Chas. Weiland, Inc., 149 Chambers St., New York, N. Y.  
 JOHN FOSTER Paints, Butler Brothers, Randolph & Canal Sts., Chicago, Ill.  
 JOHN PRIMBLE Cutlery, Belknap Hdwe. & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.  
 JUMBO Boilers, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.

## K

K C CLIPPER, Townley Metal & Hardware Company, 200 Walnut St., Kansas City, Mo.  
 K-K, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KANT-LEAK, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 K-AR KING, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KAST RITE Lines & Reels, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 KAY SEE, Townley Metal & Hardware Company, 200 Walnut St., Kansas City, Mo.  
 KELLEY, Kelley-How-Thomson Co., 809-349 So. Fifth Ave., West Duluth, Minn.  
 KEEN H Edge Axes, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 KEEN KUTTER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KEEN KUTTER ARISTOCRAT, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KEEN KUTTER KLASSIC, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KEEN KUTTER KOBALT, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KEEP KOOL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KEEPTITE Roof Paint, Emmons-Hawkins Hardware Co., Huntington, W. Va.  
 KEYSTONE METAL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KEYSTONE STATE Garden Tools & Shovels, Tryon (Edw. K.) Co., 817 Arch, Phila., Pa.  
 KILLFIRE C R L Mill Hose, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.  
 KINGFISHER Fishing Tackle, Tryon (Edw. K.) Co., 817 Arch, Phila., Pa.  
 KING KOASTER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KING NEPTUNE Fishing Lines, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 KINGWAY, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KLINKER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KLINCHER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KLIPPER KLUB, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KNOXALL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KOO-CHOOK, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 KOOKMASTER Ranges, Marshall-Wells Co., Duluth, Minn.  
 KOON-SHINE Fishing Lines, Florida Hardware Co., 16 E. Bay St., Jacksonville, Fla.  
 KRAKO, Geo. Krause Hardware Co., Lebanon, Pa.  
 KUT-WELL Tools & Cutlery, Drake Hardware Co., 106 Washington St., Burlington, Iowa.

## L

L. C. BEST, Lee Hardware Company, Limited, Shreveport, La.  
 LAC LEDE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 LADY-HIBBARD, Hibbard, Spencer, Bartlett & Co., 211 E. No. Water St., Chicago, Ill.  
 LAWN KING, Union Hdwe. & Metal Co., 411 E. 1st St., Los Angeles, Cal.  
 LAWN-MIX Lawn Seed, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 LAWN QUEEN, Union Hdwe. & Metal Co., 411 E. 1st St., Los Angeles, Cal.  
 LEADER, House-Hasson Hardware Co., 757-763 Western Ave., Knoxville, Tenn.  
 LEADER Composition Roofing, O'Neill-McNamara Hardware Co., 707-713 Clay St., Vicksburg, Miss.  
 LEADER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 LEE'S LEE-DER, Lee Hardware Company, Limited, Shreveport, La.  
 LEVEL, Masback Hardware Co., Inc., 326-330 Hudson St., New York, N. Y.  
 LIGHTNIN, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 LINCOLN Axes, Kretschmer-Treadway Company, 9th and Washington St., Dubuque, Iowa.  
 " Storage Batteries & Spark Plugs, Marshall-Wells Co., Duluth, Minn.  
 LION Roofing, W. W. Woodruff Hdwe. Co., 424 Gay St., Knoxville, Tenn.  
 LITE-WATE, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 LONGWEAR, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 LONGWEAR, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 LORD BALTIMORE Clocks, Butler Brothers, Randolph & Canal Sts., Chicago, Ill.  
 L-PAS-O, Momsen-Dunnegan-Ryan Company, El Paso, Tex.  
 LUCKY LURE Fishing Tackle, Morley-Murphy Company, 200-218 So. Washington St., Green Bay, Wis.  
 LUCKY STRIKE Fishing Lines, Florida Hdwe. Co., 16 E. Bay St., Jacksonville, Fla.  
 LYONS Automobile Tubes, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.  
 " 500, Baseballs, Bicycles, Step Ladders and Toy Express Wagons, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.  
 " SUN TEST Paints, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.

## M

MM Hardware, Automotive & Sporting Goods Items, Morley-Murphy Co., 200 S. Washington St., Green Bay, Wis.  
 McWECO, McWhorter, Weaver & Co., 178 North Second Ave., Nashville, Tenn.

MAGNOLIA, Stauffer-Eshleman & Co., Ltd., 511 Canal St., New Orleans, La.  
 MARCO, A. H. Marshall Co., Inc., 84 Margaret St., Plattsburgh, N. Y.  
 MARINE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 MARQUETTE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 MARSHALL-WELLS Best Quality Paints, Enamels & Varnishes, Marshall-Wells Co., Duluth, Minn.  
 MARVEL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 MAYFAIR, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 MIKE KINNEY, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 MIRACLE, Otto-Heiskell Company, Wheeling, West Va.  
 MIZZOO, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 MO-DU-RY, Momsen-Dunnegan-Ryan Company, El Paso, Tex.  
 MOHAWK, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.  
 MOHAWK Tinware and Harness, Blish, Mize & Silliman Hardware Co., Atchison, Kan.  
 MONEY SAVER, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.  
 MORHAND, Moore-Handley Hdwe. Co., 19-27 So. 20th St., Birmingham, Ala.  
 MORLEY SPECIAL, Morley Bros., 120 N. Washington Ave., Saginaw, Mich.  
 MOUND CITY, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 MOUNTAINEER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 MUNRO Band Steel, Dunham, Carrigan & Hayden Co., San Francisco, Cal.  
 MURRAY HILL, Herman Kornahrens, Inc., 103-111 Murray St., New York, N. Y.  
 MUSKEGON, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 MY BUDDY Tackle Boxes, Stratton & Terstegge Co., 15th & Main St., Louisville, Ky.

## N

NATIONAL Furnaces, Ranges and Stoves, National Hdwe. & Stove Co., 188 Bonham St., Paris, Tex.  
 NEVERDULL Cutlery, Butler Brothers, Randolph & Canal Sts., Chicago, Ill.  
 NONABEL, Geo. Krause Hardware Co., Lebanon, Pa.  
 NORLEIGH DIAMOND, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.  
 NORTHERN KING Tools, Marshall-Wells Co., Duluth, Minn.  
 NUART, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 NUECES Adze, Axe, Hammer & Sledge Handles, Corpus Christi Hardware Co., Corpus Christi, Tex.

## O

OAK B Batteries, Dry Batteries, Flashlight Batteries, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 OAK LEAF, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 OHCO, Odell Hardware Co., 322 S. Davis St., Greensboro, N. C.  
 OHIO Lawn Mowers, Geo. Worthington Co., 802-832 St. Clair Ave., N. W., Cleveland, Ohio.  
 " JR. Lawn Mowers, Geo. Worthington Co., 802-832 St. Clair Ave., N. W., Cleveland, Ohio.  
 " VALLEY, Ohio Valley Hdwe. & Roofing Co., 300 4th Ave., Evansville, Ind.  
 " VALLEY, Otto-Heiskell Company, Wheeling, West Va.  
 O-KAW-MO, Townley Metal Hardware Company, 200 Walnut St., Kansas City, Mo.  
 OLD HICKORY Hammer Forged Knives, Shapleigh Hdwe. Co., 4th & Wash. Ave., St. Louis, Mo.  
 OLD KENTUCKY HOME, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.  
 OLD PAINTER Paints, Enamels & Varnishes, Marshall-Wells Co., Duluth, Minn.  
 OLD WILLIS Axes, Brushes and Lawn Mowers, R. F. Willis & Bro., Inc., Penns Grove, N. J.  
 OLEANDER, Black Hardware Co., Strand Between 22nd & 23rd Sts., Galveston, Tex.  
 OL'RELIABLE Sporting Goods, Marshall-Wells Co., Duluth, Minn.  
 OLYMPIAN, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 ORCHID Lawn Mowers, Geo. Worthington Co., 802-832 St. Clair Ave., N. W., Cleveland, Ohio.  
 ORIENTAL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.  
 ORIGINATED BY US, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.  
 ORION, Logan-Gregg Hardware Company, 121-129 Ninth St., Pittsburgh, Pa.  
 OUR OWN Axes, Belt Dressing, Chisels, Draw Knives, Alarm Clocks, Building Paper, Dollar Gloves, Dollar Special Knives, Hay Carriers & Accessories, Hardware Wagon, Gloves, Mantle, Litter Carriers & Accessories, Cross Cut Saws, Old Style Razors, Official League Balls, Putty, Wax Paste, Wall Paper Cleaners, Watches, Tackle Boxes, Toilet Paper, Steel Goods, Ignition Battery, Shovels, Sprayers, Rite Repair Handles, Tank Heaters, Russell's Cutlery, Utility Tube, etc., Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.  
 O V B, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.  
 O-VEE, Ohio Valley Hdwe. & Roofing Co., 300-4th Ave., Evansville, Ind.  
 OVIEDO Fishing Line, Florida Hardware Co., 16 E. Bay St., Jacksonville, Fla.  
 OX-HIDE Leather Soles, Butler Brothers, Randolph and Canal Sts., Chicago, Ill.

## P

PAGODA, Bright & Company, 8th & Elm Sts., Reading, Pa.  
 PAGOMA Cutlery & Tools, Paxton and Gallagher Co., Omaha, Neb.  
 PALMER Paint and Varnish, Chas. Weiland, Inc., 149 Chambers St., New York, N. Y.  
 PANAMA Garden Hose, Shovels and Spades, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.  
 PANTHER, Nash Hardware Co., Fort Worth, Tex.  
 PARAMOUNT Tires & Tubes, Butler Brothers, Randolph & Canal Sts., Chicago, Ill.



ARKER Stillson Pattern Wrenches, Chas. Welland, Inc., 149 Chambers St., New York, N. Y.

BATHFINDER, Belknap Hdwa. & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.

EDCO, Peden Iron & Steel Co., Houston, Tex.

ENNANT Prepared Paint, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

ENNANT Sporting Goods, Butler Bros., Randolph & Canal Sts., Chicago, Ill.

ERFECTION Putty, Fitchburg Hardware Co., 50 Laurel St., Fitchburg, Mass.

ERFECTION, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

ERFECTION, Stratton-Warren Hardware Co., Carolina Ave. & Florida St., Memphis, Tenn.

GNIC, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

LOT Alarm Clocks, Butler Bros., Randolph & Canal Sts., Chicago, Ill.

NE KNOT, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.

LAYKING, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

CAHONTAS, Bluefield Hardware Company, 200-208 Bluefield Ave., Bluefield, W. Va.

" Superior-Sterling Company, Bluefield, W. Va.

OLAR, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

OLLY PRIM Electric Vacuum Cleaners, Food Choppers, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

OWER CITY, Weber (A.) Co., 526 Main St., Keokuk, Iowa.

REMIER Files, Plastic Roof Cement & Roof Coating, Joseph Woodwell Company, 201 Wood St., Pittsburgh, Pa.

REMIER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

RIE, Cutlery & Tools, Witte Hardware Co., 704 N. Third St., St. Louis, Mo.

RINCE, Edward S. Hughes Co., Abilene, Tex.

RINCETON Lawn Mowers, Geo. Worthington Co., 802-832 St. Clair Ave., N. W., Cleveland, Ohio.

ROGRESS Beverage Bottle Coolers, Metal Refrigerators, Pressure Water Coolers, Stoves and Ranges, Ice Chests, Louisville Tin and Stove Company, 621 W. Main St., Louisville, Ky.

RUCO, H. C. Prutaman Company, Inc., 817-819 Green Ave., Altoona, Pa.

URE GOLD, Haw Hardware Company, Ottumwa, Iowa.

YRAMID, Ohio Valley Hdwa. & Roofing Co., 300 4th Ave., Evansville, Ind.

Q

JAPAW, Fones Brothers Hardware Company, Second & Rock Sts., Little Rock, Ark.

UEEN ANNE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

UEEN ANNE, Simmons Hardware Company, 900 Spruce St., St. Louis, Mo.

UICK ACTION, A. Baldwin & Co., Inc., New Orleans, La.

R

ACSO, Boetticher & Kellogg Co., Evansville, Ind.

AINBOW, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

OLA Storage Batteries, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.

A-O-LAC Lacquer, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.

A-O-MIST Insect Spray, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.

APID-BAKER Self-Cleaning Lawn Rakes, Farwell, Osmun, Kirk & Co., Third & Jackson Sts., St. Paul, Minn.

AZORBACK, Knight & Wall Company, Tampa, Fla.

AZ REDG, Stratton-Warren Hardware Co., Carolina Ave. & Florida St., Memphis, Tenn.

CO, Rehm Hardware Company, Blue Island Ave. & 15th St., Chicago, Ill.

ED DIAMOND, Macback Hardware Company, Inc., 326-330 Hudson St., New York, N. Y.

ED FOX Roofing Paper, Fitchburg Hardware Co., 50 Laurel St., Fitchburg, Mass.

ED HED, Townley Metal & Hardware Company, 208 Walnut St., Kansas City, Mo.

ED INDIAN, Logan Hardware & Supply Co., 300 Highland Ave., Logan, W. Va.

ED W BRAND, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

ED LABEL Roofing, Hall Hdwa. Co., 618 N. 3rd St., Minneapolis, Minn.

EDSTRONG, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.

ELIABLE, Rothbaum & Leinwand, 444 B'way, New York, N. Y.

" Stratton-Warren Hardware Co., Carolina Ave. & Florida St., Memphis, Tenn.

ELIANCE, Underhill Clinch & Co., 150 Varick St., New York, N. Y.

E-NEW-OLD Furniture Polish, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.

CH-CON, Richards & Conover, 5th & Wyandotte Sts., Kansas City, Mo.

CO, W. H. Richardson & Co., Austin, Tex.

DEWELL Bicycles, Joseph Woodell Co., 201 Wood St., Pittsburgh, Pa.

VERSIDE Mechanic's Tools, Farwell, Osmun, Kirk & Co., Third & Jackson Sts., Saint Paul, Minn.

OSE CITY, Fones Brothers Hardware Company, Second & Rock Sts., Little Rock, Ark.

OYAL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

OYAL WESTERN, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

UGBY, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.

UN EASY, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

S

ST. LOUIS, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

ALT CITY, Frank Colladay Hardware Company, 420-428 Second Ave., Hutchinson, Kan.

AMSON Axes, Stillson Pattern Wrenches and Trowels, Chas. Welland, Inc., 149 Chambers St., New York, N. Y.

ATSINNA Special Lawn Mowers, McGowin-Lyons Hdwa. & Supply Co., 113 N. Water St., Mobile, Ala.

AVILLE, Stauffer-Ehleman & Co., Ltd., 511 Canal St., New Orleans, La.

OTO, Smith Bros. Hardware Company, 580 North Fourth St., Columbus, Ohio.

SEAWALL, Black Hardware Co., Strand Between 22nd & 3rd Sts., Galveston, Tex.

SECO, Stauffer-Ehleman & Co., Ltd., 511 Canal St., New Orleans, La.

SEKURELOK, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SEMINOLE, Knight & Wall Company, Tampa, Fla.

7-11 Garden Barrows, Florida Hdwa. Co., 16 E. Bay St., Jacksonville, Fla.

SHADO Lawn Grass Seed, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.

SHAMOKIN, Superior-Sterling Company, Bluefield, W. Va.

SHAMROCK, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SHAPLEIGH S, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" BLACK DIAMOND, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" BLACK PRINCE, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" BRIDGE, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" CONQUEROR, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" D E, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" DIAMOND, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" DIAMOND BRAND, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

SHAPLEIGH'S DIAMOND EDGE, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" GOOD SERVICE, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" ICE DIAMOND, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" JERSEY, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" KING NITRO, Shapleigh Hardware Company, Fourth St. and Washington Ave., St. Louis, Mo.

" LITE-WATE, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" LONGWEAR, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" MIKE KINNEY, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" MIZZOO, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" MOUND CITY, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" NORLEIGH DIAMOND, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" REDSTRONG, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" RUGBY, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" SNAPS, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" TRIUMPH, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

" ULTRA, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.

SHASCO Gas Circulators & Gas Ranges, Stowe Hardware & Supply Company, 1322-1330 W. 13th St., Kansas City, Mo.

SHELDON, Sechtman Hardware Company, Inc., 140-142 Governor St., Hartford, Conn.

SIBERIA, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SID AXWORTHY Axes, Hammers and Hatchets, Chas. Welland, Inc., 149 Chambers St., New York, N. Y.

SIERRA, Union Hardware & Metal Co., 411 East First St., Los Angeles, Cal.

SILVER SPUR Razor Blades, Butler Bros., Randolph & Canal Sts., Chicago, Ill.

SIMCO House Paint, Simmons Hardware Company, 900 Spruce St., St. Louis, Mo.

SIMMONS, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS ARISTOCRAT, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS ATLANTIC, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS BERKSHIRE, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS BIG BOY, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS CHIEF, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS DANDY, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS FONTENAC, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS GENERAL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS GLIDER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS GOBLIN, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS IMPERIAL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS KNOXALL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS LIGHTNIN, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS LEADER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS LONG WEAR, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS MOUNTAINEER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS NUART, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS OLYMPIAN, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS ROYAL, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS ROYAL WESTERN, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS SOUTHERNER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMMONS SPEEDER, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

SIMPLEX, Stratton-Warren Hardware Co., Carolina Ave. & Florida St., Memphis, Tenn.

SISCO Cultivators and Wagon Boxes, Stowe Hardware & Supply Company, 1322-1330 W. 13th St., Kansas City, Mo.

- SKY ROVER Radio**, Butler Brothers, Randolph and Canal Sts., Chicago, Ill.
- SNAPS**, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.
- SNOW BIRD Furniture Polish**, Oil Mops, Pot Cleaners, Brooms, Scrub Brushes, Wash Boards, Clothes Pins, Clothes Lines & Ice Cream Freezers, Butler Bros., Randolph & Canal, Chicago, Ill.
- SOUTHERN Composition Roll Roofing**, McGowin-Lyons Hardware & Supply Co., 113 North Water St., Mobile, Ala.
- " **CROSS**, Odell Hdwe. Co., 322 S. Davis St., Greensboro, N. C.
- SOUTHERNER**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- SPEAR EDGE**, Spear Hardware Co., 205 Rogers Ave., Fort Smith, Ark.
- SPEARHEAD**, A. Baldwin & Co., Inc., New Orleans, La.
- SPECIAL Cutlery & Tools**, Witte Hardware Co., 704 N. Third St., St. Louis, Mo.
- SPEEDER**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- SPEEDMORE**, Belknap Hardware & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.
- SPEEDY**, Stratton-Warren Hardware Co., Carolina Ave. & Florida St., Memphis, Tenn.
- SPORT KING**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- SPORTLAND**, Kelley-How-Thomson Co., 309-349 So. Fifth Ave., West Duluth, Minn.
- SPOTLESTOWN**, Belknap Hdwe. & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.
- SPREADWELL**, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.
- SPRINGHILL PYRETHRUM Stock Spray**, Marshall-Wells Co., Duluth, Minn.
- SQUARE BRAND For Tools**, Edwards & Walker Company, Monument Square, Portland, Maine.
- STAND-BY**, Hibbard, Spencer, Bartlett & Co., 211 E. No. Water St., Chicago, Ill.
- STAND-UP**, Hibbard, Spencer, Bartlett & Co., 211 E. No. Water St., Chicago, Ill.
- STAR LEADER**, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.
- STEADFAST**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- STERLING**, Logan-Gregg Hardware Company, 121-129 Ninth St., Pittsburgh, Pa.
- STERLING**, Fones Brothers Hardware Company, Second & Rock Sts., Little Rock, Ark.
- " **Superior-Sterling Company**, Bluefield, W. Va.
- STERLING**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- STILETO Tools and Cutlery**, Baker, Hamilton & Pacific Co., 700 Seventh St., San Francisco, Cal.
- STIX Friction Tape**, Butler Bros., Randolph & Canal Sts., Chicago, Ill.
- STIX TITE Repair Materials**, Butler Bros., Randolph & Canal Sts., Chicago, Ill.
- STONEWALL**, Jackson Hardware Co., Aberdeen, S. D.
- STOWE Drag Scrapers**, Wagon Boxes & Farm Trucks, Stowe Hardware & Supply Company, 1822-1830 W. 18th St., Kansas City, Mo.
- SUNSET Tools**, Dunham, Carrigan & Hayden Co., San Francisco, Cal.
- SUPER-BLEND**, Bleno Fly & Stock Spray, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.
- SUPER GRANT Alarm Clocks**, Butler Bros., Randolph & Canal Sts., Chicago, Ill.
- SUPERFLO Motor Oil**, Paint & Varnishes, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.
- SUPER-KAST Reels**, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.
- SUPER-KLEAN Drain Pipe Opener & Bowl Kleaner**, Cleaning & Polishing Oils for Floors & Furniture, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.
- SUPERMIX Dry Paste**, Ready Mixed Paint & Varnishes, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.
- SUPER-RED Automobile Tires & Tubes**, Hall Hdwe. Co., 618 N. Third St., Minneapolis, Minn.
- SUPER SPEED Golf Balls**, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.
- SUPER STEEL Lawn Mowers**, Hall Hdwe. Co., 618 N. 3rd St., Minneapolis, Minn.
- SUPERIOR Composition Roofing**, O'Neill-McNamara Hardware Co., 707-713 Clay St., Vicksburg, Miss.
- SUPERIOR ROPE**, Hall Hdwe. Co., 618 N. Third St., Minneapolis, Minn.
- SUPERIOR**, Superior-Sterling Company, Bluefield, W. Va.
- SURE GRIP**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- SWATTER**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- TAB BABY Fishing Lines**, Florida Hardware Co., 16 E. Bay St., Jacksonville, Fla.
- TASCO**, Taylor & Spotswood Co., Minnesota & 19th Sts., San Francisco, Cal.
- TAYSPOT**, Taylor & Spotswood Co., Minnesota & 19th Sts., San Francisco, Cal.
- THERMFLOW Ranges**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- TEXOMA**, Roberts, Sanford & Taylor Co., North Walnut St., Sherman, Tex.
- TEXAS KING**, Higginbotham-Pearlstone Hardware Co., Market and Ross Ave., Dallas, Tex.
- THE GIMLET**, Shapleigh Hardware Company, Fourth St. & Washington Ave., St. Louis, Mo.
- THESCO**, Schafer Co., 117 N. 1st St., Decatur, Ind.
- TISSOT**, Underhill Clinch & Co., 150 Varick St., New York, N. Y.
- TITAN Enamelware**, Butler Bros., Randolph & Canal Sts., Chicago, Ill.
- TOPS Radios**, etc., Tru-Test Marketing & Merchandising Corp., Merchandise Mart, Chicago, Ill.
- TORO**, Mommson-Dunnegan-Ryan Company, El Paso, Tex.
- TOUGH TIMBER**, A. Baldwin & Co., Inc., New Orleans, La.
- TOWNLEY**, Townley Metal & Hardware Company, 200 Walnut St., Kansas City, Mo.
- TOWN TALK**, Townley Metal & Hardware Company, 200 Walnut St., Kansas City, Mo.
- TRADE-WINNER**, Belknap Hdwe. & Mfg. Co., Inc., 111 E. Main St., Louisville, Ky.
- TRAVELERS**, Sechtman Hardware Co., Inc., 140 Governor St., Hartford, Conn.
- TRI-STATE**, A. Weber Company, 526 Main St., Keokuk, Iowa.
- TRIUMPH**, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.
- TROJAN**, Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- TRU-TEST Steel Products**, House Paints, etc., Tru-Test Marketing & Merchandising Corp., Merchandise Mart, Chicago, Ill.
- TRU-VALU Medium priced goods and leaders**, Blish, Mize & Silliman Hardware Co., Atchison, Kan.
- TRUE VALUE**, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.
- TUF-TEST Motor Oils & Tires**, Marshall-Wells Co., Duluth, Minn.
- T W Trade Winner**, Tracy-Wells Co., 175-185 N. Front St., Columbus, Ohio.
- TYEE Fishing Tackle**, Dunham, Carrigan & Hayden Co., San Francisco, Cal.

## U

- ULTRA**, Shapleigh Hardware Co., Fourth St. & Wash. Ave., St. Louis, Mo.
- UNAKA**, Summers Hardware & Supply Co., Buffalo & Ashe Sts., Johnson City, Tenn.
- UNCLE SAM Watches**, Butler Brothers, Randolph & Canal Sts., Chicago, Ill.
- UNDERHILL QUALITY**, Underhill Clinch & Co., 150 Varick St., New York, N. Y.
- UNION ARROW**, Union Hdw. & Metal Co., 411 E. First St., Los Angeles, Cal.
- UTILITY**, Union Hdwe. & Metal Co., 411 E. 1st St., Los Angeles, Cal.

## V

- VAN CAMP Cutlery**, General Hardware & Tools, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.
- VANLAC Lacquer**, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.
- VANCO Cutlery**, Steel Goods & Tools, Van Camp Hardware & Iron Co., 401 W. Maryland St., Indianapolis, Ind.
- VELOX**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- VICTOR**, Joseph Breck & Sons, 85 State St., Lexington, Mass.
- " **Axe, Hammer, Hatchet, Pick, Sledge Handles and Lawn Mowers**, Chas. J. Smith & Co., 31 Wilkinson Ave., Jersey City, N. J.
- VOLO**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.

## W

- WA KO**, McLendon Hardware Co., Inc., Third and Mary Sts., Waco, Tex.
- WARING**, Schafer Co., 117 N. 1st St., Decatur, Ind.
- WATERLOO**, Cutler Hardware Company, 400 Sycamore St., Waterloo, Iowa.
- WEAR WELL Harness**, Stowe Hdwe. & Supply Co., 1222 W. 18th St., Kansas City, Mo.
- WEARWELL Roofing**, Butler Bros., Randolph & Canal Sts., Chicago, Ill.
- WEBER'S IMPERIAL**, A. Weber Company, 526 Main St., Keokuk, Iowa.
- WEDGEWAY**, Morley Brothers, 120 N. Washington Ave., Saginaw, Mich.
- WEDGEWAY Cutlery**, Steel Goods and Tools, Morley-Murphy Company, 218 So. Washington St., Green Bay, Wis.
- WESTMINSTER**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- WHITE CITY**, Hibbard, Spencer, Bartlett & Co., 211 E. North Water St., Chicago, Ill.
- WHITE HOUSE**, McWhorter, Weaver & Co., 178 North Second Ave., Nashville, Tenn.
- WHITE ROCK NICKEL SILVER**, Blish, Mize & Silliman Hardware Co., Atchison, Kan.
- WILKENSON Hack Saw Blades**, Chas. Weiland, Inc., 149 Chambers St., New York, N. Y.
- WINNER**, House-Hasson Hardware Co., 757-763 Western Ave., Knoxville, Tenn.
- WINNER**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- WISCO**, Wisco Hardware Co., 1435 E. Wash. Ave., Madison, Wis.
- WIS-COTE**, Wisco Hardware Co., 1435 E. Wash. Ave., Madison, Wis.
- WISCONSIN**, Wisco Hardware Co., 1435 E. Wash. Ave., Madison, Wis.
- WITCO**, Clark Witbeck Co., 416 State St., Schenectady, N. Y.
- WITTE'S I X L Cutlery and Tools**, Witte Hardware Company, 704 N. Third St., St. Louis, Mo.
- WITTE'S PRIDE Cutlery and Tools**, Witte Hardware Company, 704 N. Third St., St. Louis, Mo.
- WIZARD Tools**, Kretschmer-Tredway Company, 9th and Washington Sts., Dubuque, Iowa.
- WOLVERINE**, Morley Brothers, 120 N. Washington Ave., Saginaw, Mich.
- WONDER**, Shapleigh Hardware Co., 4th & Washington Ave., St. Louis, Mo.
- WOODLAND**, Kelley-How-Thomson Co., 309-349 So. Fifth Ave., West Duluth, Minn.
- WOODRUFF Lawn Mowers & Roofing**, W. W. Woodruff Hardware Co., 434 Gay St., Knoxville, Tenn.
- WORTH**, Nash Hardware Co., Fort Worth, Tex.
- WORTHMORE**, Southern Supply Co., Pacific Ave. at Jefferson, Dallas, Tex.
- WYCLIFFE**, Tracy-Wells Co., 175 N. Front St., Columbus, Ohio.
- WYCO**, Wyeth Hardware & Manufacturing Co., 301-325 N. 2nd St., St. Joseph, Mo.
- WYETH**, Wyeth Hardware & Manufacturing Co., 301-325 N. 2nd St., St. Joseph, Mo.

## X

- X L C R**, W. Bingham Company, 1278-1298 W. 9th St., Cleveland, Ohio.

## Y

- YALE Roofing and Lawn Mowers**, W. W. Woodruff Hardware Co., 434 Gay St., Knoxville, Tenn.

## Z

- ZENITH Tires**, Tools, Roof Cements & Coatings, Marshall-Wells Co., Duluth, Minn.
- ZENITH**, Underhill Clinch & Co., 150 Varick St., New York, N. Y.
- ZENOIL Motor Oils**, Marshall-Wells Co., Duluth, Minn.

# HARDWARE AGE

Published Every  
Other Thursday

Publication Offices  
Chestnut and 56th Sts.,  
Philadelphia, Pa., U.S.A.

Editorial and  
Executive Offices  
100 East 42nd St.,  
New York, N. Y., U.S.A.

Established 1855, succeeding and embodying "Hardware" of New York; "Stoves and Hardware Reporter," St. Louis; "The Western Hardware Journal," Omaha; "Iron Age Hardware," New York City; "The Hardware Reporter," St. Louis; "Hardware Salesman," Chicago; "Hardware Dealers Magazine," New York, and "Good Hardware," New York.

Vol. 146

No. 2

GEORGE H. GRIFFITHS  
*President and General Manager*

CHARLES J. HEALE  
*Vice-President and Editor*

L. V. ROWLANDS  
*Sales Manager*

*Associate Editors*  
GEORGE G. HOY  
KENNETH A. HEALE  
GEORGE M. SANGSTER  
RUDOLPH S. WILD

ALBERT J. MANGIN  
*"Who Makes It?" Editor*

L. W. MOFFETT  
JAMES G. ELLIS  
*Washington Representatives*

SAUNDERS NORVELL  
*Contributing Editor*

JOHN G. WILCOX  
*Circulation Manager*

## ADVERTISING DEPARTMENT

BOSTON:  
CHAUNCEY F. ENGLISH, 140 Federal St.

NEW YORK:  
HAL G. BLODGETT, 100 East 42nd St.  
E. R. SANDIFORD, 100 East 42nd St.

CLEVELAND:  
WILL J. FEDDERY, 709 Union Bldg., 1836 Euclid Ave.

CHICAGO:  
KENNETH C. WARNER, 1012 Otis Bldg.  
OLE B. BERGERSEN, 1012 Otis Bldg.

SAN FRANCISCO, CAL.  
R. J. BIRCH, 155 Sansome St.

LOS ANGELES, CAL.:  
R. J. BIRCH, 541 Consolidated Bldg., 607 So. Hill St.

SUBSCRIPTION PRICES—United States, its possessions: one year \$1.00. Mexico, Central America, South America, Spain and its colonies: one year \$1.00. Canada \$2.00. Foreign countries not taking domestic rates one year \$2.50. Single copies 15 cents each.

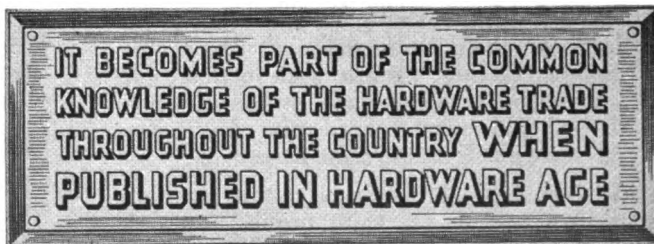
## The Merchandise Directory Number of HARDWARE AGE

JULY 25, 1940

IN this issue, we present the names and addresses of manufacturers of hardware and allied merchandise, seeking their distribution through hardware channels. Trade names are included, that you may locate a manufacturer's name and address, with only the trade name as your clue. This handy, convenient, time-saving compilation of buying information for hardware buyers will prove valuable for constant reference. You will wish to retain this issue—one more service to the hardware industry which HARDWARE AGE originated and is privileged to continue to provide.

The Hardware Age Platform . . .	704	Taking a Correct Inventory . . .	708
Table of Equivalents of "Each" and "Dozen" Prices . . . . .	705	Nets of Combination Discounts .	709
A Glossary of Arms and Ammunition Terms . . . . .	706	Handy Color Combination Charts . . . . .	710
The Cost of Doing Business . . .	707	A Glossary of Builders' Hardware Terms . . . . .	711

Copyright 1940 by Chilton Company (Inc.)



Publication Offices  
Chestnut and 56th Sts.,  
Philadelphia, Pa., U.S.A.

Owned and Published by CHILTON COMPANY (Incorporated)

Editorial and  
Executive Offices  
100 East 42nd St.,  
New York, N. Y., U.S.A.

### Officers and Directors

C. A. MUSSELMAN, *President*

#### Vice-Presidents

JOS. S. HILDRETH	GEORGE H. GRIFFITHS	EVERIT B. TERHUNE	J. H. VAN DEVENTER	C. S. BAUR	
WILLIAM A. BARBER, <i>Treasurer</i>			JOHN BLAIR MOFFETT, <i>Secretary</i>		
JULIAN CHASE	THOMAS L. KANE	G. C. BUZBY	P. M. FAHRENDORF	HARRY V. DUFFY	CHARLES J. HEALE



# The HARDWARE AGE PLATFORM

## HARDWARE AGE Believes:—

1—With proper cost control, distribution from manufacturer-to-wholesaler-to-retailer will continue the economical and practical method for merchandising most hardware lines.

2—Retailers should focus their effort and thinking more on selling than on buying, and should concentrate their buying in the fewest possible sources of supply. Sales opportunities should govern purchases.

3—The wholesaler function cannot be eliminated, though distribution costs could and should be reduced. Cooperative buying transfers but does not eliminate the jobbing function and its costs. In most cases, cooperative groups could work successfully with existing wholesaler machinery, if all factors observe rigidly the conditions required in a cooperative group. A compromise may be the further development of jobber owned retail stores or dealer owned jobbing plants.

4—Price competition will always be a vital factor in retailing, but permanent success demands a new appreciation of quality merchandise. Added costs that do not carry with them added value to the consumer should be eliminated. Manufacturers' suggested resale prices should provide adequate margins for both wholesaler and retailer, giving full consideration to required stock investment and to frequency of turnover. Manufacturers who aim to distribute mainly through hardware channels should avoid price discrimination in favor of chain store and mail order companies. If they furnish such outlets with competitive grade products at special prices they should offer their regular distributors the same goods on the same basis.

5—The basic problems of retail hardware dealers are: to get more people into their stores; to provide a store in which service, variety of goods and values encourage patronage; to facilitate second or extra sales by

grouping related merchandise together; to promote aggressively the sale of more higher price units to offset the narrow margins of many small sales which are inseparable from hardware retailing, and to develop outside selling.

6—Hardware dealers should promote the sale of all related specialties which have a profitable market, but not to the detriment of standard backbone lines such as tools, builders' hardware, housefurnishings, paints, etc. With proper balance of effort and thinking specialties should help sell staples and vice versa.

7—The hardware store should resume the mechanical services which formerly centered there: tinsmith and sheet metal shopwork, sharpening scissors, skates, lawn mowers and edge tools; making keys, fixing locks, putting in window glass, miscellaneous simple repairs, etc. Such services are profitable and attract customers.

8—A few strictly cash-and-carry retail hardware stores can succeed. For the majority of stores, a sane credit and instalment selling basis is desirable. American consumers expect such extra service plus deliveries, particularly when they buy higher value units.

9—Window and interior displays should include visible, value-creating price cards, and a higher standard of lighting. Window displays and interior lay-outs (particularly table displays) call for frequent change.

10—Hardware merchants should give more attention to selecting and training sales personnel. This means regular store meetings and constant use of helps offered by business papers, trade associations and traveling salesmen. Experienced employees should share authority and responsibility.

11—Merchants and employees should adapt all useful methods practised by chain stores, mail order houses and other competitors.

*With full confidence in the future of the hardware business, HARDWARE AGE dedicates its editorial efforts to the principles embodied in these eleven points.*

## TABLE OF EQUIVALENTS OF "EACH" AND "DOZEN" PRICES

The "Each" Price can be quickly found in the following Table of Equivalents on any item priced from 12 cents (\$0.12) to 12 Dollars (\$12.00) per dozen. Also "Dozen" Equivalents are shown in fractions from 1/12 to 2/3 cents each.

Per Dozen	Per Each	Per Dozen	Per Each	Per Dozen	Per Each	Per Dozen	Per Each
\$0.12	\$0.01	\$3.96	\$0.33	\$7.80	\$0.65	\$11.64	\$0.97
.24	.02	4.08	.34	7.92	.66	11.76	.98
.36	.03	4.20	.35	8.04	.67	11.88	.99
.48	.04	4.32	.36	8.16	.68	12.00	1.00
.60	.05	4.44	.37	8.28	.69		
.72	.06	4.56	.38	8.40	.70		
.84	.07	4.68	.39	8.52	.71		
.96	.08	4.80	.40	8.64	.72	Per Each	Per Dozen
1.08	.09	4.92	.41	8.76	.73		
1.20	.10	5.04	.42	8.88	.74	$\frac{1}{2}$	.01
1.32	.11	5.16	.43	9.00	.75	$\frac{1}{6}$	.01 $\frac{1}{2}$
1.44	.12	5.28	.44	9.12	.76	$\frac{1}{4}$	.01 $\frac{1}{4}$
1.56	.13	5.40	.45	9.24	.77	$\frac{1}{3}$	.02
1.68	.14	5.52	.46	9.36	.78	$\frac{1}{2}$	.02 $\frac{1}{2}$
1.80	.15	5.64	.47	9.48	.79	$\frac{1}{4}$	.03
1.92	.16	5.76	.48	9.60	.80	$\frac{1}{3}$	.04
2.04	.17	5.88	.49	9.72	.81	$\frac{1}{2}$	.05
2.16	.18	6.00	.50	9.84	.82	$\frac{1}{4}$	.06
2.28	.19	6.12	.51	9.96	.83	$\frac{1}{3}$	.07
2.40	.20	6.24	.52	10.08	.84	$\frac{1}{2}$	.11
2.52	.21	6.36	.53	10.20	.85	$\frac{1}{6}$	.03 $\frac{1}{2}$
2.64	.22	6.48	.54	10.32	.86	$\frac{1}{4}$	.08 $\frac{1}{2}$
2.76	.23	6.60	.55	10.44	.87	$\frac{1}{3}$	.10 $\frac{1}{2}$
2.88	.24	6.72	.56	10.56	.88	$\frac{1}{2}$	.04 $\frac{1}{4}$
3.00	.25	6.84	.57	10.68	.89	$\frac{1}{4}$	.07 $\frac{1}{4}$
3.12	.26	6.96	.58	10.80	.90	$\frac{1}{3}$	.10 $\frac{1}{4}$
3.24	.27	7.08	.59	10.92	.91	$\frac{1}{2}$	.10
3.36	.28	7.20	.60	11.04	.92	$\frac{1}{4}$	.04 $\frac{1}{2}$
3.48	.29	7.32	.61	11.16	.93	$\frac{1}{3}$	.07 $\frac{1}{2}$
3.60	.30	7.44	.62	11.28	.94	$\frac{1}{2}$	.09 $\frac{1}{2}$
3.72	.31	7.56	.63	11.40	.95	$\frac{1}{4}$	.09
3.84	.32	7.68	.64	11.52	.96	$\frac{1}{3}$	.08

The above table shows "Each" equivalents for "Dozen" prices, and separately, the dozen equivalents of different fractions. To determine the price of twelve articles that cost  $5\frac{1}{12}$ c. each, simply add 60c., which is the dozen equivalent of 5c. and 1c., which is the dozen equivalent of  $\frac{1}{12}$ . By memorizing the fractional dozen equivalents, this table may be used very quickly and conveniently.

# A Glossary of Arms and Ammunition Terms

*to help you answer questions your hunter-customers will ask*

▲ ▲ ▲

**T**HERE are probably more technical terms connected with guns and ammunition than with any other line sold in the hardware store. Many salesmen will talk fluently about a gun and demonstrate its special features and yet have a somewhat vague idea of the real meaning of many of the terms that they talk about so easily.

For the benefit of the salesmen who are handling guns and ammunition this fall here is an "ask me another" on terms which are familiar enough to the ear but in many cases not very clearly understood even by men with some experience in selling arms and ammunition.

**Black Powder**—Less powerful than smokeless and producing more smoke. Is loaded by bulk.

**Bulk Smokeless Powder**—is loaded by bulk.

**Caliber of Rifle**—The diameter of the bore of a rifle measured by hundredths or thousands of an inch. as .22 caliber, .44 caliber, etc. When two figures are used to describe a metallic cartridge, the first indicates the caliber and the second usually indicates the weight of the powder in grains, .25-20, .32-40, etc.

**Center Fire Cartridge**—A cartridge with the primer placed in the center of the head of the cartridge.

**Chamber**—The space at the breech end of the barrel shaped to receive the shell or cartridge.

**Chilled Shot**—is hardened lead shot.

**Choke of Shotgun**—The choke of a shotgun means a reduction in diameter of the barrel near the muzzle which concentrates the shot charge reducing the area of spread. Following are the principal types of boring the barrel of the shotgun:  
*Cylinder bore*: the diameter of the

barrel is the same all the way through, a perfect cylinder. *Modified Choke*: the diameter of the barrel is reduced slightly near the muzzle, resulting in more concentration of the shot charge. *Full Choke*: the diameter is reduced to a greater degree than in modified choke, which gives greater concentration of the shot charge.

**Crimp of Shot Shell**—The end of the paper tube turned under to hold the load firmly in place.

**Dense Smokeless Powder**—is loaded by weight.

**Drop at Comb and Heel**—The distances between the comb and heel of the stock form an imaginary line representing an extension of the line of sight.

**Ejector**—The part which throws the fired shell out of the gun.

**Extractor**—The part which withdraws the fired shell from the chamber.

**Gauge of Shotgun**—The diameter of the inside of the barrel measured by number of lead balls to the pound. For instance, the barrel of a 12 gauge shotgun is equal in diameter to the diameter of a lead ball weighing 12 to the pound. The diameter of a 20 gauge gun is the same as the diameter of a 20-to-the-pound lead ball, etc.

**Hammer Gun**—Any rifle or shotgun having the hammer outside of the receiver.

**Hammerless Gun**—Any gun with the hammer within the receiver.

**Pistol Grip**—The stock shaped to provide a grip for the right hand when the finger is on the trigger.

**Primer**—A metallic cap placed in the head of the cartridge case containing the priming mixture.

**Priming Mixture**—Fulminate or similar material which ignites by percussion.

**Receiver of Gun**—The part which contains the firing mechanism.

**Rifling**—The spiral grooves inside the barrel of a rifle which gives the bullet a rotary motion stabilizing its flight.

**Rim Fire Cartridge**—Cartridge having no primer, the priming mixture being placed around the rim of the head of the cartridge, usually of a smaller caliber.

**Shot Pattern**—The distribution of pellets in a shot charge.

**Size of Shot**—The sizes of shot are designated by numbers starting with "dust" diameter, 4/100 of an inch. Numbers then run from 12 to 1, the larger numbers being the smaller sizes. No. 12 is 5/100; No. 11, 6/100; No. 1, 16/100. Sizes larger than No. 1 are designated by letters. Buck shot from .24 to .36 inch diameter is measured by numbers 4 to 000, the larger numbers being the smaller sizes.

**Smokeless Powder**—More powerful and faster burning powder producing a minimum of smoke.

**Trajectory**—The path of a bullet from muzzle to target, a continuous curve. The midrange height is usually given in figures for trajectory.

**Wadding**—Felt or fibre disks in a shot shell between powder and shot.





# THE COST OF DOING BUSINESS

## FIGURED ON THE SELLING PRICE—THE RIGHT WAY TO FIGURE PROFITS

The following Table shows the percentage which must be added to cost to effect a given percentage of profit on the Selling Price:

Add to Cost	To Make on Selling Price	Add to Cost	To Make on Selling Price	Add to Cost	To Make on Selling Price	Add to Cost	To Make on Selling Price	Add to Cost	To Make on Selling Price
5%	4¾%	16.28%	14%	25%	20%	40%	28½%	66¾%	40%
7½	7	16¾	14½	26.58	21	42.86	30	70	41
10	9	17.65	15	28.21	22	45	31	75	42½
11.11	10	19.05	16	29.88	23	50	33½	80	44½
12.36	11	20.00	16¾	31.58	24	53.85	35	85	46
12½	11½	20.49	17	33½	25	55	35½	90	47½
13.63	12	21.96	18	35	26	60	37½	100	50
14.94	13	23.46	19	35½	27½	65	39½		

## TABLE FOR FIGURING NET PROFITS

If your cost of doing business figured on sales is represented by one of the percentages on top line And you mark your goods at one of the percentages above delivered cost as shown in left hand column Year percentage of net profit is represented by the figure at the junction of the two columns.

Mark Up on De- livered Cost	Cost of Doing Business																
	15%	17%	18%	20%	21%	22%	23%	24%	25%	26%	27%	28%	29%	30%	32%	33%	35%
25%	5	3	2	00	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-12	-13	-15
33 ⅓%	10	8	7	5	4	3	2	1	00	-1	-2	-3	-4	-5	-7	-8	-10
40%	13½	11½	10½	8½	7½	6½	5½	4½	3½	2½	1½	½	- ½	-1½	-3½	-4½	-6½
50%	18½	16½	15½	13½	12½	11½	10½	9½	8½	7½	6½	5½	4½	3½	1½	½	-1½
60%	22½	20½	19½	17½	16½	15½	14½	13½	12½	11½	10½	9½	8½	7½	5½	4½	2½
75%	27½	25½	24½	22½	21½	20½	19½	18½	17½	16½	15½	14½	13½	12½	10½	9½	7½
100%	35	33	32	30	29	28	27	26	25	24	23	22	21	20	18	17	15

Explanation—If your cost of doing business is 15 per cent of your gross sales and you mark a line at 25 per cent above cost, your net profit is 5 per cent on sales—as shown in the diagram. If your cost of doing business is 29 per cent and you mark a line at 33½ per cent, your loss is 4 per cent on sales—as shown in the diagram. Loss is indicated by —4 on the diagram above.

## TABLE FOR FINDING THE SELLING PRICE ON ANY ARTICLE

Cost of Doing Business	PER CENT OF NET PROFIT DESIRED																			
	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%	15%	20%	25%	30%		
15%	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	65	60	55		
17%	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	63	58	53		
18%	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	62	57	52		
20%	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	60	55	50		
21%	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	59	54	49		
22%	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	58	53	48		
23%	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	57	52	47		
24%	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	56	51	46		
25%	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	55	50	45		
26%	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	54	49	44		
27%	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	53	48	43		
28%	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	52	47	42		
29%	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	51	46	41		
30%	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	50	45	40		
32%	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	48	43	38		
33%	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	47	42	37		
35%	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	45	40	35		

### RULE

Divide the cost (invoice price with freight added) by the figure in the column of "per cent of net profit desired" on the line with your cost of doing business per cent.

### EXAMPLE

A washer costs .....	\$60.00
Freight .....	1.20
Delivered cost .....	\$61.20

You desire a net profit of ..... 5 per cent  
Your cost of doing business is ..... 26 per cent

Take the figure in column 5 on line with 26 which is 69 and divide the delivered cost price by this figure to determine the selling price.  
69 | 61.20000 : \$88.69 selling price

552  
600  
552  
480  
414  
660  
621  
390

The cost of doing business and profit percentages are figures on selling price.

# Rules for Taking a Correct Inventory

*Accurate margin figure  
for a business  
largely dependent on  
correct inventory*

A CORRECT inventory is one of the most important factors in determining the margin of a retail hardware business at the end of the year or fiscal period. And, since the margin figure is a measure of the business' ability to produce income to cover the operating expenses and net profits desired, hardware dealers should strive to secure as accurate an inventory every year as it is physically possible to take.

To secure an accurate inventory strict adherence to simple rules each time one is taken are essential. The following suggestions may serve as a guide in doing this very important task in the retail hardware store.

1. Start recording inventory on the same date each year and take the complete stock in the shortest possible time.

2. Take stock in systematic order to prevent omissions.

3. Always figure inventory at cost or market prices whichever are lower to secure a conservative value which eliminates inventory appreciations and recognizes inventory losses.

4. Add to inventory the cost of merchandise sold from uncounted stock after inventory is started.

5. Deduct from inventory the costs of merchandise added to uncounted stock as a result of shipments received during this period.

6. Take inventory at retail as well

DATE 12/29/36 **HARDWARE AGE INVENTORY RECORD** PAGE 187

SECTION M-2 Tool Dept. ENTERED BY Williams CHECKED BY Lima  
 LOCATION 1st floor, R. Center PRICED BY Graham CHECKED BY Dodd  
 CALLED BY Brown EXTENDED BY Miss Cook ERRORS EXT BY aps.

Keep Your Figures and Fractions in the Columns. Be Extremely Careful That You Do Not Mix Your single Units With Dozens, or Dozens With Gross Quantities.  
 Published by HARDWARE AGE, 129 West 39th Street, NEW YORK

DESCRIPTION	Quantity	Unit	COST PRICE (or replacement)	COST EXTENSION	RETAIL PRICE	RETAIL EXTENSION	MEMO	✓
<i>Brought Forward</i>				2947.40		4452.70		
#11½ nail hammers	18	ea.	75	1350	125	2250		
#373 ball pein hammers	4	ea.	67	268	115	460		
#1 riveting hammers	3	ea.	71	213	120	360		
#461 brick hammers	2	ea.	104	208	175	350		
#51½ A ripping hammers	22	ea.	80	1760	135	2970		
#T9 nail hammers	31	ea.	62	1922	100	3100		
#67 ladies hammers	5	ea.	34	170	50	250		
#265 Upholsterer's hammers	4	ea.	55	220	85	340		
#8 tack hammers	2¼	do.	75	169	10.00	270	(A)	
#812 magnetic tack hammers	2	ea.	90	180	140	280		
#102 crate openers	3	ea.	55	165	85	255		
#10 box tool	1	ea.	106	106	165	165		
drilling hammers, 2 lb.	4	ea.	88	352	135	540		
blacksmith's hammers, 2 lb.	2	ea.	90	180	125	250		
#4262 lath hatchets	3	ea.	177	531	275	825		
#25 lath hatchets	7	ea.	100	700	150	1050		
#836 half hatchets	4	ea.	134	536	200	800		
#320 shingling hatchets	6	ea.	135	810	200	1200		
#1035 barrell hatchets	2	ea.	100	200	150	300	(C) Check out *	
#B2 half hatchets	5	ea.	76	380	115	575		
#890 shingling hatchets	8	ea.	60	480	90	720		
#9005 produce hatchets	2	ea.	100	200	75	150	(B) Reckling - Less taken 50	
#37 Boy Scout axes	7	ea.	52	364	75	525	Total boxes taken	
#540 Boy Scout axes	4	ea.	121	484	185	740	117.55	
				3116.80		6640.15		
				Subtract losses taken, Net inventory		117.55		
				2947.40				

All information on the HARDWARE AGE Inventory Record Sheet is important in checking the progress of this work. Fill out carefully and completely. "A"—Occasionally it is more convenient to show retail prices on a different unit basis than cost prices. Note this on the sheet as indicated to avoid errors in computation. "B"—Mark-downs from cost prices should be noted in the Memo column on the sheet. Total mark-downs should be deducted from the final inventory as shown in the illustration. "C"—Star items to be eliminated from stock and make a separate list of these items after inventory.

as cost prices occasionally to determine difference between average margin used in determining retail prices and the actual margin secured from operations. Difference will be the margin shrinkage.

7. Use HARDWARE AGE Inventory Record Sheets illustrated and described above.

8. Note mark-downs in value of stocks due to obsolescence or damage on inventory sheets.

9. Note "shelf - warmers" and "white elephant" items on inventory sheets and tag merchandise to be eliminated from stock.

10. Hire extra high school students to write for employees of the store to speed up recording of inventory.

11. Count bulky goods in advance of inventory recording sales and additions to stock on cardboard tag in the bins to save time.

## Nets of Combination Discounts

	25	30	35	40	42½	45	47½	50	52½	55	57½	60	
5	.7125	.665	.6175	.57	.54625	.5225	.49875	.475	.45125	.4275	.40375	.38	5
5-2½	.69469	.64838	.60206	.55575	.53259	.50944	.48628	.46313	.43997	.41681	.39366	.3705	5-2½
5-5	.67688	.63175	.58663	.5415	.51894	.49638	.47381	.45125	.42869	.40613	.38356	.361	5-5
5-5-2½	.65995	.61596	.57196	.52796	.50596	.48397	.46197	.43997	.41797	.39597	.37397	.35198	5-5-2½
7½	.69375	.6475	.60125	.555	.53188	.50875	.48563	.4625	.43938	.41625	.39313	.37	7½
7½-2½	.67641	.63131	.58622	.54113	.51858	.49603	.47348	.45094	.42839	.40584	.3833	.36075	7½-2½
7½-5	.65906	.61513	.57119	.52725	.50528	.48331	.46134	.43938	.41741	.39544	.37347	.3515	7½-5
7½-5-2½	.64259	.59975	.55961	.51407	.49265	.47123	.44981	.42839	.40697	.38555	.36413	.34271	7½-5-2½
10	.675	.63	.585	.54	.5175	.495	.4725	.45	.4275	.405	.3825	.36	10
10-2½	.65813	.61425	.57038	.5265	.50456	.48263	.46069	.43875	.41681	.39488	.37294	.351	10-2½
10-5	.64125	.5985	.55575	.513	.49163	.47025	.44888	.4275	.40613	.38475	.36338	.342	10-5
10-5-2½	.62522	.58354	.54186	.50018	.47933	.45849	.43765	.41681	.39597	.37513	.35429	.33345	10-5-2½
10-7½	.62438	.58275	.54113	.4995	.47869	.45788	.43706	.41625	.39544	.37463	.35381	.333	10-7½
10-7½-2½	.60877	.56818	.5276	.48701	.46672	.44643	.42614	.40584	.38555	.36526	.34497	.32468	10-7½-2½
10-7½-5	.59316	.55361	.51407	.47453	.45475	.43498	.41521	.39544	.37567	.35589	.33612	.31635	10-7½-5
10-7½-5-2½	.57833	.53977	.50122	.46266	.44338	.42411	.40483	.38555	.36627	.347	.32772	.30844	10-7½-5-2½
10-10	.6075	.567	.5265	.486	.46575	.4455	.42525	.405	.38475	.3645	.34425	.324	10-10
10-10-2½	.59231	.55283	.51334	.47385	.45411	.43436	.41462	.39488	.37513	.35539	.33564	.3159	10-10-2½
10-10-5	.57713	.53865	.50018	.4617	.44246	.42323	.40399	.38475	.36551	.34628	.32704	.3078	10-10-5
10-10-5-2½	.5627	.52518	.48768	.45016	.4314	.41264	.39389	.37513	.35637	.33762	.31886	.30011	10-10-5-2½
10-10-7½	.56194	.52448	.48701	.44955	.43082	.41209	.39336	.37463	.35589	.33716	.31843	.2997	10-10-7½
10-10-7½-2½	.54789	.51136	.47484	.43831	.42005	.40179	.38352	.36526	.347	.32873	.31047	.29221	10-10-7½-2½
10-10-7½-5	.53384	.49825	.46266	.42707	.40928	.39149	.37369	.35589	.3381	.3203	.30251	.28472	10-10-7½-5
10-10-7½-5-2½	.52049	.4858	.45109	.4164	.39905	.3817	.36435	.347	.32965	.3123	.29495	.2776	10-10-7½-5-2½
10-10-10	.54675	.5103	.47385	.4374	.41918	.40095	.38273	.3645	.34628	.32805	.30983	.2916	10-10-10
10-10-10-10	.4921	.4593	.4265	.3937	.37725	.3609	.34445	.328	.31164	.2952	.27884	.2624	10-10-10-10

	62½	65	67½	70	72½	75	77½	80	82½	85	87½	90	
5	.35625	.3325	.30875	.285	.26125	.2375	.21375	.19	.16625	.1425	.11875	.095	5
5-2½	.34734	.32419	.30103	.27788	.25472	.23156	.20841	.18525	.16209	.13894	.11578	.09263	5-2½
5-5	.33844	.31588	.29331	.27075	.24819	.22563	.20306	.1805	.15794	.13538	.11281	.09025	5-5
5-5-2½	.32998	.30798	.28598	.26398	.24198	.21998	.19799	.17599	.15399	.13199	.10999	.08799	5-5-2½
7½	.34688	.32375	.30063	.2775	.25438	.23125	.20813	.185	.16188	.13875	.11563	.0925	7½
7½-2½	.3382	.31566	.29311	.27056	.24802	.22547	.20292	.18038	.15783	.13528	.11273	.09019	7½-2½
7½-5	.32953	.30756	.28559	.26363	.24166	.21969	.19772	.17575	.15378	.13181	.10984	.08788	7½-5
7½-5-2½	.32129	.29987	.27845	.25703	.23561	.2142	.19278	.17136	.14994	.12852	.1071	.08568	7½-5-2½
10	.3375	.315	.2925	.27	.2475	.225	.2025	.18	.1575	.135	.1125	.09	10
10-2½	.32906	.30713	.28519	.26325	.24131	.21938	.19774	.1755	.15356	.13163	.10969	.08775	10-2½
10-5	.32063	.29925	.27788	.2565	.23513	.21375	.19238	.171	.14963	.12825	.10688	.0855	10-5
10-5-2½	.31261	.29177	.27093	.25009	.22925	.20841	.18757	.16673	.14588	.12504	.1042	.08336	10-5-2½
10-7½	.31219	.29138	.27056	.24975	.22894	.20813	.18731	.1665	.14569	.12488	.10406	.08325	10-7½
10-7½-2½	.30438	.28409	.2638	.24351	.22321	.20292	.18263	.16234	.14205	.12175	.10146	.08117	10-7½-2½
10-7½-5	.29658	.27681	.25703	.23726	.21749	.19772	.17795	.15818	.1384	.11863	.09886	.07909	10-7½-5
10-7½-5-2½	.28916	.26989	.25061	.23133	.21205	.19278	.1735	.15422	.13494	.11567	.09639	.07711	10-7½-5-2½
10-10	.30375	.2835	.26325	.243	.22275	.2025	.18225	.162	.14175	.1215	.10125	.081	10-10
10-10-2½	.29616	.27641	.25667	.23693	.21718	.19744	.17769	.15795	.13821	.11846	.09872	.07898	10-10-2½
10-10-5	.28856	.26933	.25009	.23085	.21161	.19238	.17314	.1539	.13466	.11543	.09619	.07695	10-10-5
10-10-5-2½	.28135	.26259	.24384	.22508	.20632	.18757	.16881	.15005	.1313	.11254	.09378	.07503	10-10-5-2½
10-10-7½	.28097	.26224	.24351	.22478	.20604	.18731	.16858	.14985	.13112	.11239	.09366	.07493	10-10-7½
10-10-7½-2½	.27394	.25568	.23742	.21916	.20089	.18263	.16437	.1461	.12784	.10958	.09131	.07305	10-10-7½-2½
10-10-7½-5	.26692	.24913	.23133	.21354	.19574	.17795	.16015	.14236	.12456	.10677	.08897	.07118	10-10-7½-5
10-10-7½-5-2½	.26025	.2429	.22555	.2082	.19085	.1735	.15615	.1388	.12145	.1041	.08675	.0694	10-10-7½-5-2½
10-10-10	.27338	.25515	.23693	.2187	.20048	.18225	.16403	.1458	.12758	.10935	.09113	.0729	10-10-10
10-10-10-2½	.26654	.24877	.231	.21323	.19546	.17769	.15992	.14216	.12439	.10662	.08885	.07108	10-10-10-2½
10-10-10-5	.25971	.24239	.22508	.20777	.19045	.17314	.15582	.13851	.1212	.10388	.08657	.06926	10-10-10-5
10-10-10-5-2½	.25321	.23633	.21945	.20257	.18569	.16881	.15193	.13505	.11817	.10129	.08441	.06752	10-10-10-5-2½
10-10-10-10	.24604	.22964	.21323	.19683	.18043	.16403	.14762	.13122	.11482	.09842	.08201	.06561	10-10-10-10
10-10-10-10-5	.23374	.21815	.20257	.18699	.17141	.15582	.14024	.12466	.10908	.09349	.07791	.06233	10-10-10-10-5










# Handy Color Harmony Charts

NOTE—In three color combinations, a more pleasing effect will result if two of these are blends and the third a contrasting color. Any three blends of a color may be used together. In the chart "B" means blend. Under "good" it indicates a harmonious combination of *related* colors. "C," if under "good," indicates a harmonious combination of *contrasting* colors.

	DARK BROWN	BROWN	TAN	CREAM	GREY	LAVENDER	PURPLE	HELIO-RED PURP.	WINE-HARROON	RED	PINK	ORANGE	YELLOW	OLIVE	GREEN	LIGHT GREEN	MYRTLE GREEN	NAVY	BLUE	LIGHT BLUE
LIGHT BLUE	BAD C	BAD C	GOOD C	GOOD C	GOOD B	GOOD B	BAD B	BAD B	BAD C	BAD C	GOOD C	BAD C	BAD C	GOOD C	BAD B	GOOD B	GOOD B	GOOD B	GOOD B	
BLUE	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD B	BAD C	BAD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B	BAD B	GOOD B	GOOD B	GOOD B
NAVY	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	BAD C	GOOD C	GOOD C	BAD C	GOOD B	GOOD B	GOOD B		GOOD B	GOOD B
MYRTLE GREEN	BAD C	BAD C	GOOD C	GOOD C	GOOD B	BAD B	GOOD B	GOOD C	BAD C	GOOD C	BAD C	BAD C	GOOD C	BAD B	GOOD B	GOOD B		GOOD B	BAD B	GOOD B
LIGHT GREEN	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B		GOOD B	GOOD B	GOOD B	GOOD B
GREEN	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD B	GOOD B	GOOD B	BAD B
OLIVE	GOOD B	GOOD B	GOOD B	GOOD C	BAD C	GOOD B	BAD C	BAD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD B	BAD B	BAD C	GOOD C	GOOD C
YELLOW	GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	BAD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	BAD C
ORANGE	GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	BAD C	GOOD C	GOOD C	BAD C	GOOD C	BAD C		GOOD B	GOOD B	GOOD B	GOOD C	BAD C	GOOD C	GOOD C	BAD C
PINK	BAD C	BAD C	BAD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD B	GOOD B		BAD C	BAD C	GOOD C	GOOD C	GOOD C	BAD C	BAD C	BAD C	GOOD C
RED	GOOD B	GOOD B	BAD C	GOOD C	GOOD C	BAD B	BAD B	GOOD B	GOOD B		GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	BAD C	BAD C
WINE-HARROON	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	BAD B	GOOD B	GOOD B		GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	BAD C	GOOD C	BAD C	BAD C
HELIO-RED PURP.	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	BAD B	GOOD B		GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	BAD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	BAD B
PURPLE	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C		GOOD B	GOOD B	BAD B	GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD B
LAVENDER	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C		GOOD B	BAD B	BAD B	GOOD C	GOOD C	BAD C	GOOD C	GOOD C	GOOD B	GOOD B	BAD B	GOOD B	GOOD B	GOOD B
GRAY	BAD B	BAD B	BAD B	GOOD B		GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	BAD C	GOOD B	GOOD B	GOOD B	GOOD B	GOOD B	GOOD B
CREAM	GOOD B	GOOD B	GOOD B		GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C
TAN	GOOD B	GOOD B		GOOD B	BAD B	GOOD C	GOOD C	GOOD C	GOOD C	BAD C	BAD C	GOOD B	GOOD B	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C	GOOD C
BROWN	GOOD B		GOOD B	GOOD B	BAD B	GOOD B	GOOD B	GOOD B	GOOD B	GOOD C	BAD C	GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	BAD C	GOOD C	GOOD C	BAD C
DARK BROWN		GOOD B	GOOD B	GOOD B	BAD B	GOOD B	GOOD B	GOOD B	GOOD B	GOOD C	BAD C	GOOD B	GOOD B	GOOD B	GOOD C	GOOD C	BAD C	GOOD C	GOOD C	BAD C

## Simple Rules for Styling Certain Exteriors

Part of House	 Colonial	 Small Cottage	 Large Cottage	 English	 French	 Spanish	 Modern
Roof	medium to dark	bright colors	medium to dark	dark	dark	bright colors	.....
Body	light in color	light in color	light in color	light in color	light to medium	light in color	light in color
Trim	same as body color	lighter or darker than body color	lighter than body color	darker than body color	same as body color	darker than body color	same or darker than body color
Sash	same as body color	same as body color	same as body color	different from body color	same as body color	same or different from body color	same as body color
Door	same as body color	same as body color	same as body color	different from body color	same as body color	same as body color	same as body color
Shutters	one floor same as body—one different	different from body color	different from body color	.....	one floor same as body—one different	different from body color	.....

# GLOSSARY OF BUILDERS' HARDWARE TERMS

## A

**ADJUSTABLE KEY**—A key for sliding door locks, having a stem or shank adjustable as to its length to adapt the key to doors of various thicknesses.

**ANTI-FRICTION AXLE PULLEY**—A sash pulley, the axle of which is carried in roller bearing to reduce the friction.

**ANTI-FRICTION BOLT**—Latch-bolt of a lock, when provided with a device for diminishing the sliding friction of the bolt during the closing of the door.

**ARMORED FRONT**—A construction in which the regular front of a cylinder lock is covered by an armor plate, secured to the regular front by machine screws to guard the set-screw which checks the cylinder, and also to protect the front of the lock while the door is being painted, or while the lock is being mortised. This latter result is effected by removing the armor plate from the front of the lock during these mechanical processes.

**ASTRAGAL FRONT**—A lock front having a form coinciding in shape with the edges of a door having an astragal molding.

**ASYLUM LOCK**—One for use on doors of insane asylums and especially protected against tampering.

**AXLE PULLEY**—Synonymous with Frame Pulley.

## B

**BACK PULLEY**—Synonymous with Shutter Flap.

**BACK PLATE**—A plate on the inside of a door and surrounding the orifice leading from a letter drop or plate on front of door.

**BACKSET (of a lock)**—The offset or horizontal distance from the front of a lock to the center line of its knob or key-hole.

**BALL-BEARING BUTT**—One having a roller or ball bearing to reduce the friction.

**BARN DOOR HANGER**—A sheave mounted in a frame or attachment to the bottom of a sliding barn door, traveling on an overhead rail and carrying the door.

**BARN DOOR LATCH**—A heavy Thumb Latch.

**BARN DOOR PULL**—A large Cupped Pull for heavy doors.

**BARN DOOR ROLLER**—A sheave mounted in a frame for attachment to the bottom of a sliding barn door, traveling on a rail laid in the floor, and carrying the door.

**BARN DOOR STAY**—A small roller, usually carried on a spike or screw, for guiding a sliding barn door.

**BARREL BOLT**—A cylindrical bolt mounted on a plate having a case projecting from its surface to contain and guide the bolt.

**BARREL KEY**—Synonymous with Pipe Key.

**BAR HANDLE**—A door handle consisting of a bar, usually horizontal, supported by one or more projecting brackets.

**BELL CRANK**—A bent arm, usually a right angle, turning on a pivot attached to a plate, used for altering the direction of bell wires.

**BELL LEVER**—See Lever Bell Pull.

**BELL PULL**—A knob, with plate, arranged to pull out longitudinally against the resistance of a spring, its motion being transmitted through wires to a bell.

**BEVEL OF LOCK**—A term used to indicate the direction in which the bevel of the latch bolt is inclined; "regular bevel" commonly indicating a lock for use on a door opening in, and "reverse bevel" one for a door opening out.

**BEVEL OF LOCK FRONT**—The angle of the front of a mortise lock when inclined at other than a right angle to the case, to conform to the angle of the edge of the door.

**BEVEL OF DOOR**—The angle of front edge of door. Regular bevel is usually  $\frac{1}{8}$  inch to 2 inches.

**BIT (of a key)**—A projecting blade which engages with and actuates either or both the bolt and tumblers of a lock. Synonymous with Wing.

**BIT-KEY LOCK**—One operated by a key having a wing bit.

**BITTING**—A cut, or indentation, on that part of a key which acts upon and sets the tumblers.

**BOLT**—A bar or barrier arranged to secure a door or other moving part, and to prevent its opening.

**BOOKCASE BOLT**—One which automatically fastens or releases one-half of a bookcase door when the other half of the door is closed or opened.

**BOSTON SASH FAST**—A type of Sash Fast in which the rotating locking bar is held in the locked position by a trigger or thumb-piece, pressure on which permits the bar automatically to unlock.

**BOTTOM BOLT**—One for use on the bottom of a door and having frictional resistance whereby the bolt is prevented from falling into the locked position unless intentionally moved.

**BOX OR SQUARE BOLT**—A square or flat bolt mounted on a plate having a case projecting from its surface to contain and guide the bolt.

**BOX STRIKE**—One in which the aperture to receive the bolt is enclosed or boxed to prevent access from the rear.

**BRACKET BEARING**—A knob-thimble or socket which, projecting like a bracket, supports the knob close to its head instead of at the end of the knob shank.

**BUILDERS' LOCK**—One for use in house or building construction.

**BUTT (An abbreviation of the term Butt Hinge)**—A hinge intended for application to the butt or edge of a door, in contradistinction to a flat or strap hinge for application to the surface of the door.

## C

**CABINET LOCK**—One for use on cabinet work and furniture.

**CABINET DOOR HOOK**—A hook and its staple, each with a heavy plate for attaching. Used on shipboard to hold a door at either end of its swing.

**CAM**—A rotating piece whereby the rotary motion of a key or knob imparts reciprocating motion to the bolt of a lock.

**CANADA BOLT**—A box or other bolt, the sliding bar of which is prolonged considerably beyond the back plate and provided with a separate guide near its other end.

**CAP (of lock)**—The removable part or lid of a lock. Also called "cover."

**CAPPED BUTT**—One having on each leaf a cap which covers the fastening screws and is itself attached to the butt by one or more smaller screws.

**CARD PLATE**—A plate for use on doors or drawers and arranged to hold a label indicating contents.

**CASE (of lock)**—The box containing the bolts and other mechanism.

**CASEMENT ADJUSTER**—A hinged or pivoted rod for moving and fastening the hinged sash of a casement or French Window.

**CASEMENT FASTENER**—A catch for fastening a casement or French Window.

**CASEMENT WINDOW**—One with side hinged sashes, opening either in or out.

**CEILING HOOK**—One for use in ceilings, or on the under side of a shelf, and usually having two prongs.

**CHAIN BOLT**—One for application at the top of a door, and having a chain depending therefrom, whereby the bolt may be retracted against the resistance of a spring which tends to hold it in the locked position.

**CHAIN DOOR FASTENER**—A heavy chain, one end of which is secured to a plate which may be attached to the edge of the door, the other end of the chain carrying a ball or hook, which may be inserted in a slot formed in another plate attached to the jamb or other half of the door, whereby the door cannot be opened (except slightly) until the chain is released.

**CHANGE KEY**—That key of a master-keyed lock which differs from all others of the same series, and will operate only its own lock (sometimes called room-key). Used in contradistinction to "master-key."

**CITY LOCK**—A nearly obsolete term, used in New York City and vicinity; formerly indicating a superior grade of hand-made locks, but now usually applied to inexpensive grades of rim and mortise locks with brass bolts and steel or brass keys.

**CLOSET KNOB**—A single knob on one end of a spindle, on the other end of which latter is a rose or plate to secure the knob and spindle to the door; for use on closet doors.

**COAT AND HAT HOOK**—One with two or more projections, one of which is of sufficient length to receive a hat, the others being usually shorter.

**COMBINED ESCUTCHEON PLATE**—One containing both a key hole and a knob socket.

**COMBINATION LOCK**—One having changeable tumblers actuated by a dial on face of door, permanently connected by a spindle with the lock mechanism.

**COMBINATION TUMBLER**—A circular plate of metal, consisting of a central disk, containing the driving pin for communicating motion from one tumbler to the next, and an outer or annular disk, enclosing the central one, and containing the "gating," these two parts being variably adjustable in relation to each other, thus forming the permutation wheel or tumblers of a combination lock. (Also designated as "wheel").

**COMBINED STORE DOOR LOCK**—One containing a heavy dead bolt and a latch bolt adapted to be operated by thumb handles instead of knobs.

**COMMUNICATING DOOR LOCK**—One for use on doors between communicating rooms; usually a knob latch with thumb bolts.

**COMPENSATING HUB**—A lock hub having an elongated spindle-hole or ball and socket arranged hub to compensate for the shrinking and swelling of a door and to prevent derangement of the lock from these causes.

**CONNECTING DOOR LOCK**—Synonymous with Communicating Door lock.

**CORRUGATED KEY**—A sheet metal key of uniform thickness and corrugated longitudinally. One having a sinuous cross-section, and not merely grooved on one or both sides.

**COTTAGE LATCH**—A small Lift Latch, for use on cupboards and light doors.

**CRANK HANDLE**—Synonymous with Lever Handle.

**CREMORNE BOLT**—A fastening for casement or French windows arranged for application to the surface thereof, consisting of a sliding rod, engaging at top and bottom with strikes or plates in the window frame; and provided near its center with a handle or knob the rotation of which causes the upper and lower parts of the bolt to move in opposite directions in locking or unlocking and sometimes provided with an additional horizontal bolt, also operating simultaneously, which serves further to secure the sash at or near its center.

**CUPBOARD BUTTON**—A small turning bar, adapted to secure a door.

**CUP ESCUTCHEON**—A door plate, for use on sliding doors, having a recessed panel to afford finger-hold and to contain the knob, or its equivalent, and a key, all of the contained parts being flush with the surface of the plate in order to offer no obstruction to the movements of the door within its recess.

**CUPBOARD CATCH**—A small spring catch adapted for fastening a light door, and operated by a slide knob or thumb-piece.

**CUPBOARD LOCK**—One designed for use on doors of cupboards, boxes, etc.

**CUPBOARD TURN**—A small spring catch adapted for fastening a light door and operated by a rotating knob or handle.

**CYCLOID KNOB ACTION**—An arrangement of interengaged pivotal levers for transmitting motion from a lock hub to the latch bolt.

**CYLINDER (of a lock)**—A short cylindrical case containing the key-hole and tumbler mechanism of a lock.

**CYLINDER LOCK**—One in which the key-hole and tumbler mechanism are contained in a cylinder or escutcheon separate from the lock case.

**CYLINDER RING**—A rose, or washer, placed under the head of a cylinder lock to enable a long cylinder to be used on thin doors.

**CYLINDER SCREW**—The set-screw in the face of a cylinder lock for preventing the unscrewing of the cylinder. (Also called set-screw).

## D

**DEAD BOLT (of a lock)**—One having a square head, and moved positively by the key in both directions.

**DEAD LATCH**—Synonymous with Night Latch.

**DEAD LOCK**—One having a dead bolt only.

**DESK LOCK**—One adapted to secure the rolling or hinged lid of a desk.

**DETACHABLE KEY**—One so constructed that the bits, or portion which actuate the tumblers, may be detached from the shank or handle of the key for convenience in carrying.

**DIAL LOCK**—Synonymous with combination lock, and now more generally used.

**DIRECTION PLATE**—One giving information concerning the purpose of the door or opening on which it is used.

**DOOR BOLT**—A sliding rod or bar, suitably mounted for attachment to a door and adapted to secure it.

**DOOR CHECK**—A device which combines a spring for closing a door and a compression chamber in which the slow escape of the liquid or air contained therein retards the closing action and prevents the slamming of the door. Sometimes made without a spring to be used in conjunction with spring hinges.

**DOOR HOLDER**—A device for fastening a door in an open position.

**DOOR PULL**—A bent handle usually mounted on a plate, and adapted for attachment to the surface of a door.

**DOOR STOP**—A device to limit the swing, or movement of a door when open.

**DOUBLE ACTING BUTT**—One which permits a door to swing in both directions.

**DOUBLE-ACTING SPRING HINGE**—One having a double set of springs opposed to each other, and each tending to move the door into the closed position, the hinges being so constructed as to permit the door to swing in either direction.

**DOUBLE-BITTED KEY**—One having bittings on both sides, whereby either or both wings or sides of the key may actuate the tumblers.

**DOUBLE DOOR BOLT**—One having two sliding bars, moving in opposite directions, to secure a door simultaneously at the top and bottom.

**DRAWER KNOB**—A small knob suitable for use on drawers and cabinet work.

**DRAWER LOCK**—One adapted for use on drawers. (Also known as a Till Lock.)

**DRAWER PULL**—A handle or grip adapted to receive the fingers.

**DRILL PIN**—A round pin projecting from the back plate of a lock and fitted into a hole in the end of the key.

**DROP ESCUTCHEON**—An escutcheon or key-plate provided with a pivoted drop covering the key-hole.

**DROP DRAWER PULL**—A pull or handle pivoted at its ends to its attaching plate.

**DROP HOOK**—Synonymous with Shutter Bar.

**DROP KEY**—One having a bow, or handle, pivoted to the shank, so that it may drop or fall parallel with the surface of the door.

**DROP KEY PLATE**—One having a swinging cover, or drop, to protect the keyhole.

**DRUGGISTS' DRAWER PULL**—A drawer pull combined with a plate to contain a label.

**DUPLEX LOCK**—A master-key lock of the cylinder type provided with two cylinders on the same side, both acting on the same bolt, but each controlled by a different key, whereby, when used in a series, one of said cylinders, may be operated by the master-key which passes every lock in the series, and the other by a change key, which may be different for each lock throughout the series.

**DUTCH DOOR BOLT**—One for locking together the upper and lower halves of a Dutch Door.

## E

**EASY SPRING**—A term used to designate the construction of a knob lock in which two springs are employed, one of which (the easy spring) acts only on the latch bolt, while the other acts directly or indirectly on the knob spindle. Motion of the latch bolt is opposed by the easy spring, while both the springs give resistance to rotation of the knobs, thus giving a lively action to the knobs while permitting the door to close easily. The same action may also be obtained with a single spring if suitably connected with the related parts of the lock.

**ELBOW CATCH**—A pivoted fastening for cupboard doors, one end having a hook to engage with a strike or staple and the other end bent to a right angle to form a handle for releasing the catch.

**ESCUTCHEON**—Generally a plate containing a key hole.

**ESCUTCHEON KNOB**—A door knob containing a key escutcheon, the latter actuating the lock or controlling the rotation of the knob. (Used chiefly with Asylum Locks.)

**ESPAGNOLETTE BOLT (or bar)**—A fastening for casement of French Windows, arranged for application to the surface thereof, consisting of a rotating rod extending from top to bottom, with hooks at each end which engage with pins or plates in the window frame when the bar is rotated, and having a hinged handle near the center whereby the bar may be rotated to fasten or release the sash and which also engages with a strike or keeper which holds the bar in the locked position and further secures the sash near its center.

**EXTENSION BOLT**—A flush bolt having a short plate to receive a knob or thumb piece, which latter is connected at the bolt end at top or bottom of door by an extension rod inserted through a hole bored in thickness of door.

**EXTENSION KEY**—Synonymous with Adjustable key.

## F

**FAST JOINT BUTT**—One in which the hinge pin is riveted, or otherwise secured, and the two parts of the butt permanently fastened together.

**FENCE**—A projecting portion of a lock, usually attached to the bolt, which engages with the tumblers, and enters or passes through the "gating" of the tumblers when the bolt is retracted.

**FLAT KEY**—A thin flat key, made of steel or plate metal, usually by stamping. Sometimes provided with longitudinal grooves or indentations on one or both sides.

**FLOOR HINGE**—A pivot door hinge, arranged to be set in the floor, and usually combining with the door spring and frequently also a door check.

**FOLDING KEY**—One having a handle and a blade or shank, hinged together, the blade folding into the handle like a jack knife.

**FLUSH BOLT**—A door bolt mounted behind a plate adapted to be attached to and let into the surface of a door.

**FLUSH CUPBOARD CATCH**—One which is half mortise; i. e., let in flush with face of door.

**FLUSH PLATE**—A door plate of any kind intended to be let into the wood flush with its surface.

**FLUSH RING**—A flush drawer handle of circular form.

**FLUSH RING CUPBOARD CATCH**—One with a flush ring in place of a knob for actuating the bolt.

**FOOT BOLT**—A spring bolt for the bottom of a door which, when retracted, is retained by a trigger, the release of which latter permits the spring to shoot the bolt into the locked position.

**FRAME PULLEY**—A box containing a sheave, and adapted to be mortised into a window frame for carrying the sash cord.

**FRENCH ESCUTCHEON**—A small circular key-plate containing a key-hole secured by driving or screwing into the wood.

**FRENCH HARDWARE**—A term used to designate rim locks and bolts of ornamental character, as used in French construction.

**FRENCH WINDOW LOCK**—A mortise knob lock with small backset, for use on French Windows or doors with narrow stiles.

**FRONT (of lock)**—The face plate of a mortise lock through which the ends of the bolts are projected.

**FRONT DOOR LOCK**—A lock for use on entrance doors, having a deadbolt and a latch-bolt; the former controlled from the outside by a key and from the inside by a key or knob; the latter controlled from the outside by a key and from the inside by a knob. Usually provided with "stop work" whereby the outside knob may be set to actuate the latch-bolt or not, as desired.

## G

**GATING**—The opening in the tumbler of a lock into or through which the "fence" passes to release the bolt or permit of its movement.

**GRILLE**—An ornamental screen of open metal work, wrought or cast.

**GUARDED FRONT AND STRIKE**—A construction of these parts of a lock such that they may interlock, so as to protect the latch-bolt from attack through the crevice between the door and jamb. Chiefly used in insane asylums.

## H

**HAND (of locks, etc.)**—A term indicating whether the article is adaptable to either a right-hand or left-hand door.

**HALF-RABBETED LOCK**—A mortise lock, the front of which is turned into two planes, at right angles, thus adapting it to use on a door with rabbet on edge. One having a front in two planes forming a single right angle.

**HASP LOCK**—A prison lock permanently attached to the hasp of the door and adapted to secure the same when in a closed position.

**HINGE**—A pair of jointed plates, attached respectively to a door and its frame, whereby the door is supported and is enabled to swing or move.



**HINGE PLATE**—Synonymous with Hinge Strap.

**HINGE STRAP**—A plate, usually ornamented, adapted for attachments to the surface of a door, fitting at one end against the knuckle of a butt, and intending to give the effect of a strap hinge.

**HORIZONTAL LOCK**—One whose major dimension is horizontal.

**HOTEL LOCK**—A master-keyed knob lock.

**HUB**—A rotating piece within a lock, containing a central aperture to receive the knob spindle and engaging with the bolt or tail piece in the lock whereby the motion of the knob is communicated to the bolt.

## I

**INSIDE DOOR LOCK**—Synonymous with Room Door Lock.

**INSTANT LOCKER**—A term applied to a time lock constructed to lock automatically, by spring action, upon the closing of the door.

## J

**JAMB LOCK**—A prison lock designated to be built into the masonry of the door jamb, the bolt when locked being projected from the jamb and engaging with the door.

**JANUS-FACE LOCK**—A rim lock both sides of which are similarly molded or ornamented, so that either side may be applied.

## K

**KEY-CHANGING LOCK**—A lock actuated by a key, the bits and combination of which are changeable at pleasure.

**KEY-PLATE**—The plate, either plain or ornamental, having one or more key-holes (but no knob socket), and adapted for attachment to the surface of a door.

**KEY-WAY**—The aperture, in locks of the cylinder type, which receives the key and engages closely with it throughout its length, as distinguished from the open key-hole of a common lock.

**KICK-PLATE**—A plate for protecting the surface of a door, and adapted to be applied at or near its bottom.

**KNEE BUTT**—Synonymous with Pocket Butt.

**KNOB**—A projecting handle, usually round or spherical, for operating a lock.

**KNOB BOLT**—A door lock, the bolt of which is controlled by a knob or thumb piece from either or both sides of the door (not one actuated by a key).

**KNOB LATCH**—A door lock having a spring bolt operated from either or both sides of the door by a knob (not one actuated by a key).

**KNOB LOCK**—A door lock having both a spring bolt, operated by a knob, and a dead bolt, operated by a key; (a knob lock thus combines in one structure a knob latch and lock).

**KNOB ROSE**—A round plate, or washer, forming a knob socket, and adapted for attachment to the surface of a door.

**KNOB SHANK**—The projecting stem of a knob, containing the hole or socket to receive the spindle.

**KNOB-TOP**—The upper and larger part of a knob, that which is grasped by the hand; usually made of porcelain, glass or wood, or in the better class of knobs, of metal.

**KNUCKLE**—The enlarged part of a hinge or butt which receives and encloses the hinge pin.

## L

**LATCH**—A lock, the bolt of which is beveled and is self-acting by the pressure of a spring or by gravity.

**LATCH-BOLT (of a lock)**—One having a beveled head, and actuated by a spring, whereby it is retracted by impinging against the strike, and is automatically thrown forward again by the spring.

**LETTER BOX BACK**—Synonymous with Letter Box Hood.

**LETTER BOX CHUTE**—A lining for the opening through a door behind a letter hole plate; usually inclined downward; sometimes combined with a hood or back-plate on rear of door.

**LETTER BOX HOOD**—A plate for attachment to the rear of a door to conceal the opening through the door from a letter plate and to direct letters downward.

**LETTER DROP PLATE**—One containing an opening, usually closed by drop or flap, to permit the passing of letters.

**LEVER**—An abbreviation of the term "Lever Tumbler," and inaccurately used as synonymous with Tumbler.

**LEVER BELL PULL**—One actuated by lever action in place of by drawing out of knob.

**LEVER CUPBOARD CATCH**—One consisting of a lever pivoted on a plate, through which it passes, its inner end having a hooked form to engage with a staple, and its outer end formed into a knob or handle.

**LEVER HANDLE**—A bent handle for actuating the bolt of a lock and used in place of a knob.

**LEVER TUMBLER**—A lock tumbler having a pivotal action. See Tumbler.

**LIFT LATCH**—An unencased rim latch consisting of a bar pivoted to a plate and engaging with a hook on the jamb, the bar being operated by thumb piece on the outside of the door and by a lift handle on the inside; usually combined with a door pull on one or both sides of the door.

**LOCK**—Generically, a fastening of any kind operated by a key. Specifically one having a dead bolt, as distinguished from one having a spring latch bolt.

**LOCK SET**—A lock combined with its trim; i. e., complete with knobs, escutcheon plates and screws.

**LOCKER RING**—A pull, for mortising into the edge of a sliding locker door, consisting of a plate containing a ring which may be pushed back flush with the plate or pulled forward for use as a pull to open the door.

**LOOSE JOINT BUTT**—One having a single knuckle on each half, one of them containing the pin and the other a corresponding hole, whereby the two parts of the butt can easily be separated.

**LOOSE PIN BUTT**—One having a hinge pin which can be withdrawn to permit the two parts of the butt to be separated.

## M

**MASTER-KEY (sometimes called pass-key)**—The key pertaining to a series of master-key locks which will actuate any and all of the locks.

**MASTER-KEYED LOCK**—One intended for use in a series, each lock of which may be actuated by two different keys, one capable of operating every lock of the series, and the other capable of operating only one or a few of the locks.

**MORTISE BOLT**—A door bolt designed to be mortised into a door, instead of being applied to its surface.

**MORTISE LOCK OR LATCH**—One designed to be mortised into the edge of a door; not applied to its surface.

## N

**NECKED BOLT**—A bolt, the projecting end of which has a bend or offset to engage with a strike or keeper not in line with the body of the bolt.

**NIGHT KEY**—That one of the two keys of a front door lock which controls the night work and operates the latch bolt.

**NIGHT LATCH**—A door lock having a spring bolt which cannot be operated from the outside except by a key.

**NIGHT WORK**—A term used to indicate that part of the mechanism of a front door or vestibule lock which controls the latch bolt, and is actuated by the night key.

**NOSE PLATE**—A small plate surrounding the nose or escutcheon of a cylinder lock.

## O

**OFFICE LOCK**—Formerly an arbitrary term applied to a knob lock of inverted form; i. e., with key-hole above knob and especially designed for use on office doors. Now applied to any substantial lock with functions essentially suited to office doors.

## P

**PARACENTRIC**—An arbitrary term designating a peculiar form of key and key-way, the cross section of which shows ribs projecting from opposite sides of the key-way past its center line, and extending longitudinally throughout its length; thereby preventing the use of picking tools; the opposite sides of the key being grooved to correspond with the contour of the key-way, and the key and key-way thus being interlocked throughout their length.

**PARLIAMENT BUTT**—One having T-headed leaves, usually broad.

**PASQUIL LOCK**—One for the rolling or sliding tops of desks, which resembles a horizontal Cremorne bolt, in having two sliding bolts, moving in contrary directions, and engaging at each end of the lid or top with the frame of the desk, and controlled by a locking mechanism in the center.

**PERMUTATION LOCK**—A term formerly applied to a lock having changeable tumblers whether actuated by a key or by a dial.

**PIN TUMBLER**—A small sliding pin actuated by the key, and dogging the plug, or key-hub, by which motion is transmitted to the bolt.

**PIPE KEY**—A round key having a hole drilled into its end to fit over a drill pin in the lock. Used chiefly for cabinet locks. Synonymous with Barrel Key.

**PLUG (of a lock)**—A cylindrical piece containing the key-hole and rotated by the key to transmit motion to the bolt.

**POCKET BUTT**—A hinge or butt, for three-ply inside shutters, each leaf of the butt being bent at a right angle near its center; for use on the third leaf of the shutter to permit the latter to enter and leave its pocket without jamming.

**PRISON LOCK**—One designed for use on cell doors, and operated by the key from one side only.

**PULL DOWN HANDLE**—A light handle for attachment to the underside of the bottom rail of upper sashes for use in moving the latter.

**PULL DOWN HOOK**—Synonymous with Sash Hook.

**PUSH BUTTON**—A small movable knob or button, within a socket, the movement of which actuates a bell, electrically or otherwise.

**PUSH (or thrust) KEY**—One which performs its whole function of setting the tumblers by longitudinal motion without rotation.

**PUSH PLATE**—A plate for protecting the surface of a door against soiling and wear from handling. Frequently made with the word "Push" incorporated in the design.

## R

**RABBETED LOCK**—A mortise lock, the front of which is formed with an offset or rabbet conforming to the corresponding rabbet on edge of door. One having a front in three planes, forming two right angles.

**REACH (of a transom lift)**—The distance from center of operating rod to the nearest edge of the transom sash.

**RECESS (of a transom lift)**—The distance inward from the face of the door casing to the face of the transom sash.

**REVERSE BEVEL (of latch bolt)**—A term used to indicate that the bevel of a latch-bolt is reversed, or inclined in the opposite direction to that which is regular.

**REVERSED**—A term applied to articles made of wrought or sheet metal with edges turned back to give the appearance of increased thickness.

**REVERSED DOOR**—One opening in the opposite direction to that which is usual or regular. Room doors if opening inward are "regular," if opening outward are "reversed." Cupboard doors are regular if opening outward.

**REVERSIBLE LOCK**—One in which the latch bolt can be reversed to adapt the lock to a door of either hand.

**RIM**—A term applied to articles of hardware intended to be applied to the surface of doors, windows, etc., in contradistinction to those intended to be mortised into the wood.

**RIM LOCK OR LATCH**—One which is applied to the surface of the door, not mortised into it.

**ROLL BACK**—A rotating piece within a lock, permanently attached to the knob-spindle, for transmitting motion to the bolt. Inaccurately used as synonymous with hub.

**ROOM DOOR LOCK**—A knob lock for doors leading from halls or corridors into rooms. Also called Inside Door Lock.

**ROSE**—A circular, square, or oblong plate for attachment to a door and containing a socket for supporting and guiding the shank of a knob.

**ROUND KEY**—One having a round shank or stem.

## S

**SASH BALANCE**—A spring device used to counter-balance window sashes, and which eliminates the necessity for pulleys, weights and cords in fulfilling this purpose.

**SASH CENTER**—A pin or bearing for a transom light or other sash turning on a horizontal axis, consisting usually of a pair of plates, one carrying a pin and the other a socket, one plate intended for attachment to the sash and the other to the jamb or frame in which the sash is hung.

**SASH CHAIN**—A metal chain adapted for use with sliding sashes in place of a cord or rope.

**SASH CORD**—A small cord or rope used to connect a sliding sash with its counterweight.

**SASH CORD IRON**—A small casting inserted in the edge of a sliding sash to secure the end of the sash cord or chain.

**SASH FAST**—A fastening usually attached to the meeting rail of sashes, to prevent their being opened until released.

**SASH HOOK**—A metal hook usually attached to one end of a wooden rod, and adapted to engage with a hole or socket in the upper sash, whereby the latter may be raised or lowered.

**SASH LIFT**—A plate, bar or hook, adapted for attachment to a window sash, whereby the latter may be conveniently raised, and lowered.

**SASH LIFT AND LOCK**—A sash lift provided with a locking lever, which locks the sash by engaging with a strike in the window frame and is released in the act of raising the sash.

**SASH LOCK**—A fastening controlled by a key, and adapted to secure a sash.

**SASH PIN**—A form of window spring bolt.

**SASH PLATE**—Synonymous with Sash Center.

**SASH PULLEY**—Synonymous with Frame Pulley.

**SASH RIBBON**—A thin metal band adapted for use with sliding sashes in place of cord or rope.

**SASH SOCKET**—A metal plate containing a hole or cup adapted to receive a sash hook.

**SASH WEIGHT**—A weight used to balance sliding sashes usually of cast iron and of long cylindrical form.

**SCREEN DOOR CATCH**—A light knob latch, similar to a cupboard turn but furnished with a hub, a spindle, and a pair of knobs or lever handles.

**SCREWLESS KNOB**—A term originally applied to knobs provided with a clamp or vice for attaching them to the spindle and thus dispensing with the old-fashioned "side screw." Now used also to designate any knob which eliminates the "side screw" and substitutes a fastening which obviates all tendency to become loose, even though employing a set-screw.

**SECRET LATCH**—One operated by a concealed button or other device; for use on office gates, etc.

**SET SCREW**—One which by checking another screw, or other movable part, prevents it from loosening.

**SHANK (of a key)**—That part which connects the bit or wing with the bow or handle.

**SHANK (of a knob)**—That part which contains the hole or socket to receive the spindle and which forms a base for the top or enlarged portion of the knob.

**SHELF PIN**—A metal pin for supporting a book shelf; called also Shelf Support or Shelf Rest.

**SHIP LOCK**—One wholly of brass for use on ships; usually of heavy construction.

**SHUTTER ADJUSTER**—A swinging arm for adjusting and securing shutters in any desired position.

**SHUTTER BAR**—A fastening for folding blinds consisting of a bar pivoted to a plate and engaging with a hook or stud attached by another plate to the other half of the blind.

**SHUTTER BUTT**—A small hinge, usually narrow, adapted for use on shutters and light doors.

**SHUTTER FLAP**—A small hinge, usually broad, intended to be screwed to the surface of the shutter or small door.

**SHUTTER KNOB**—A small knob for inside shutters.

**SHUTTER LIFT**—A lift for shutters; similar to a sash lift (but heavier).

**SHUTTER SCREW**—A heavy thumb-screw for securing one end of a vertical shutter.

**SIDE-SCREW**—A small screw used for securing a common knob to its spindle.

**SLIDER**—A small sliding tumbler actuated by the key, and dogging the plug by which motion is transmitted to the bolt.

**SLIDING DOOR KEY**—One adapted for use with a mortise lock and a cup escutcheon on sliding doors; usually adjustable as to length.

**SLIDING DOOR LOCK**—A lock for use on a door which slides, and having hook-shaped bolts to engage with its strike.

**SLIDING DOOR PULL**—A plate or box, arranged to be mortised into the edge of a sliding door and containing a handle, or pull, for use in moving the door from its recess.

**SLIDING DOOR RAIL**—A metallic rail for carrying and guiding the sheaves of sliding doors.

**SLIDING DOOR STOP**—A small plate for attachment to floor or ceiling and provided with a stump or projection to limit the motion of a sliding door.

**SLIDING TUMBLER**—A lock tumbler having a sliding motion.

**SOCKET**—see Thimble.

**SOLID ROLLED**—A term used to designate escutcheon plates and other articles made from rolled, or wrought metal of sufficient thickness to show a suitable bevel without turning back the edges (as is done in "reversed" work).

**SPACING**—The distance between the center of a knob-hub and the center of a key-hole of a lock or its escutcheon plate.

**SPINDLE (of lock)**—The axis or shaft, usually of square section, which carries the knobs of a lock, and communicates their motion to the latch mechanism.

**SPRING HINGE**—A hinge or butt containing one or more springs acting to move the door into the closed position.

**SQUARE BOLT**—A rim bolt of rectangular section.

**STEM (of a key)**—The round portion of the bit or wing which forms the trunnion or axis of the key, and on which it rotates when in the lock.

**STOP (of a lock)**—That which serves to fasten the bolt or the knob in the locked or unlocked position, usually the latter.

**STOP BEAD SCREW**—Synonymous with Stop Screw.

**STOP KEY**—One for insertion in a key hole from one side to prevent the entrance of a key from the opposite side.

**STOP SCREW**—A screw for fastening the stop bead of a window to the frame.

**STORE DOOR HANDLE**—A bent handle, usually mounted on a plate, provided with a lever or thumb handle for actuating a latch bolt, and adapted to be applied to the surface of a door.

**STORE DOOR LATCH**—One containing a spring latch bolt only, and adapted to be operated by thumb handles.

**STORE DOOR LOCK**—A heavy lock containing a dead bolt only, and usually operated by a key from both sides.

**STRAP HINGE**—A hinge, of which one (or both) of the leaves has considerable length, and is adapted for attachment to the surface of a door.

**STRIKE**—A metal fastening, on the door frame, into which the bolt of a lock is projected to secure the door. Applied both to the flat plate used with mortise locks, and to the projecting box used with rim locks. Synonymous with "striker," "striking plate" and "keeper."

**STUMP**—A small piece or projection in a lock for the engagement of one part with another, or to receive a screw or rivet. Also, but inaccurately, used as synonymous with "fence."

**SUB-MASTER KEY**—One capable of controlling a subordinate group of master-key locks, each having a different key of its own, but all in turn controlled by the main or grand master-key. (There may thus be a number of sub-master keys under one grand master-key.)

**SUBSEQUENT LOCKER**—A term applied to a time lock constructed to lock by the action of the clock work at a predetermined hour subsequent to, and irrespective of, the time of closing the door.

**SUB-TREASURY LOCK**—One for use on the iron doors of the small chests or boxes within a fire-proof safe, commonly called "Sub-Treasuries."

**SURFACE HINGE**—Synonymous with Strap Hinge.

**SURFACE SASH CENTER**—One adapted for application to the surface of a transom sash.

**SWIVEL SPINDLE**—A spindle having a joint or swivel midway in its length, whereby the knob attached to one end may be made stationary and inoperative, while the knob attached to the other end is left free to rotate, and thus to actuate the latch mechanism.

## T

**TAIL PIECE**—A sliding or vibrating piece intermediate between the hub and latch bolt of a lock for transmitting motion from the former to the latter.

**TALON**—The notch or opening in the bolt of a lock with which the key engages to throw the bolt.

**T-HANDLE**—A cross handle for actuating the bolt of a lock and used in place of a knob.

**THIMBLE**—The socket or bearing on an escutcheon plate to receive the knob shank. Also called Socket.

**T-HINGE**—A surface hinge of which the chief dimension of one leaf is vertical and of the other leaf horizontal.

**THREAD ESCUTCHEON**—A small key plate, conforming to the outline of a keyhole and intended to be inserted therein.

**THREE-PLY BUTT**—Synonymous with Pocket Butt.

**THUMB-PIECE**—A small knob, usually flat, but sometimes circular in form.

**THUMB BOLT**—A door bolt operated by a rotating thumb-piece or a small knob.

**THUMB LATCH**—A door fastening consisting of a pivoted bar which crosses the joint of the door to engage with the strike on the jamb, the free end of the bar being raised to disengage it from the strike on the jamb, by a transverse pivoted bar passing through the door, the latter bar operated on one side by the thumb and on the other by the finger.

**TILL LOCK**—See Drawer Lock.

**TIME LOCK**—One actuated automatically by clock work, and having no key-hole spindle or other connection through the door. Also called chronometer lock.

**TOWER BOLT**—A modified form of barrel bolt, in which the locking bar is shortened.

**TRANSOM CATCH**—A fastening adapted for use on transom lights.

**TRANSOM CHAIN**—A short chain to limit the movement of a transom sash; usually provided at each end with a plate for attachment.

**TRANSOM LIFTER**—An apparatus for actuating and holding a transom light.

**TRANSOM PLATE**—Synonymous with sash center.

**TRIPLEX SPINDLE**—A lock spindle composed of three triangular rods, which when combined form a rectangle, and, which give an automatic adjustment by frictional engagement with the knob when expanded by a set-screw.

**TUBULAR LOCK**—A rim lock having a fixed tube, containing the tumblers, attached to the lock case and usually projecting through the door.

**TUMBLER**—The obstruction or guard in a lock which dogs or prevents the motion of the bolt, and which is set by the key during the act of locking and unlocking.

**TURNBUCKLE**—Synonymous with Turn Button.

**TURN BUTTON**—A rotary bolt or fastening made in various forms. The common form is a simple bar secured by a screw in center on which it rotates. In another form this bar is mounted on a circular plate. The term is also applied to a catch having a sliding bolt operated by a rotating knob or T-Handle.

## U

**UNIT LOCK**—A term applied to a lockset when so constructed that all of its parts (the lock, knobs and escutcheon plates) are permanently combined in a single construction or unit. Synonymous with Union Lock.

**UPRIGHT LOCK**—One whose major dimension is vertical.

## V

**VESTIBULE LATCH**—A lock resembling a front door lock except in omitting the dead-bolt mechanism. One in which the latch-bolt is actuated from the outside by a key and from the inside by a knob; the outer knob being controlled by a stop.

**VENEERED FRONT**—A lock front or face consisting of two plates, the lower riveted to the lock case, and the upper (usually of a more expensive material) permanently fastened to the lower. Used in contradistinction to "armored front."

## W

**WARD**—A projection from the case of a key-hole of a lock, tending to obstruct the entrance of the key, and necessitating a coincident depression of grooving in the key.

**WARDED KEY**—One having grooves or notches, usually in the wing or bit, which coincide with corresponding wards or projections in the lock case or key-hole.

**WARDROBE HOOK**—One with a single prong, for use on the side walls of closets and wardrobes.

**WHEEL** (of combination locks)—See Combination Tumbler.

**WINDOW PULL**—See Sash Pull.

**WINDOW SPRING BOLT**—A spring-bolt for holding a sliding sash in any desired position, open or shut; used with unbalanced sashes.

**WING KEY**—One having a projection for operating the bolt or tumblers of a lock.



## This Young Man Will Be Called **LUCKY** *YOU, Too Can Be As LUCKY As He!*

People will say, a few years hence, that he gets all the breaks. He will not be working hither and yon, intermittently, because he will be a trained Builders' Hardware Engineer. He is getting his training through the **HARDWARE AGE Builders' Hardware Text Book, "TAKING THE MYSTERY OUT OF BUILDERS' HARDWARE,"** by Adon H. Brownell. This book will take a lot of mystery out of success for this ambitious boy.

Put yourself or your employee in his place, learn something more about the hardware business than less energetic men know by studying how to become a Builders' Hardware Engineer.

The series, **"TAKING THE MYSTERY OUT OF BUILDERS' HARDWARE,"** is now available in book form. It will make your advancement in the selling and servicing of Builders' Hardware as easy as stepping up on to the curbstone.

There's a lot of luck ahead if you learn through the Builders' Hardware Text Book what to do with it when it comes your way.

The above Glossary of Builders' Hardware Terms is but one of the many features of this book. Full descriptions of the contents of the Builders' Hardware Text Book appear on pages 228 and 430. Use the coupons on these pages to order your copy today.

# HARDWARE AGE

100 East 42nd Street

New York, N. Y.



# The name KEISER on Grass, Sheep, Horse or Hedge Shears Assures highest quali-

## ty, long life, lasting hardened cutting edges, satisfied cus- tomers.

The  
Famous  
MIRACLE  
Grass Shear

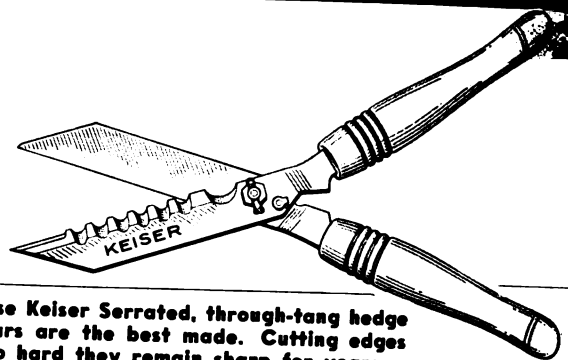
Easiest  
working—  
blades cannot  
stick—cuts finest grass  
or tough weeds — No spring or  
rivet pressure on blades.

### KEISER MFG. CO.

For 50 Years Leading Makers of Quality Grass,  
Sheep, Horse and Hedge Shears

READING, PENNA.

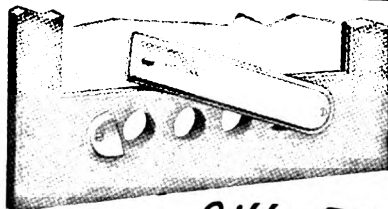
U. S. A.



These Keiser Serrated, through-tang hedge shears are the best made. Cutting edges so hard they remain sharp for years.



If your jobber  
cannot supply  
you, write us.



Jiffy  
Window  
Control  
Springs  
Replace  
Sash Cord



## 3 Rapid Profitable Sellers For Home Use

**METALVENTS**—For storm windows—permit convenient control of fresh air. Open and close easily. Quickly installed. Rust-proof cadmium plated. Do not shrink, swell or break. Neat appearance—low cost. Size 2 1/4" x 12".

### JIFFY WINDOW CONTROL SPRINGS

Easy to install. Replace worn out sash cord in a jiffy. No nails, no screws, no rattles. For use in attic windows, garages, porch enclosures, cottages and other low cost new construction.

### METALVENT DOOR HOLDER

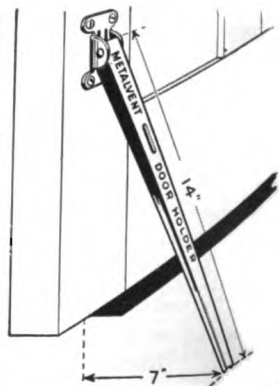
Prevents wind from blowing garage door shut. Easily installed. Simply take out screws fastened to the holder with spring clip. Open door wide, fasten holder to door at such a height that distance between point of holder, touching ground, and the door line is 7 inches as shown. Send for Folder and Prices. Order from your jobber.

### METALVENT CORPORATION

MILWAUKEE

1333 W. BURLEIGH ST.

WISCONSIN



THUMB TACKS

WIDE EYE  
TUFTING BUTTON

RUBBER CUSHION GLIDES

UPHOLSTERY  
NAILS

ALL PURPOSE  
KEY CAPS

NUMERAL FLAT HEAD ONE PIECE

Robert E. Miller, Inc.  
Domes of Silence, Inc.  
Swedish Optimus Co., Inc.

SOCKET TYPE DRIVE ON TYPE METAL BED TYPE  
REMCO REAL CARVED WOOD MOULDING

NO 1512

NO. 9H

NO 210

35 Pearl Street

New York, N. Y.

OPTIMUS NO. 4  
KEROSINE STOVE

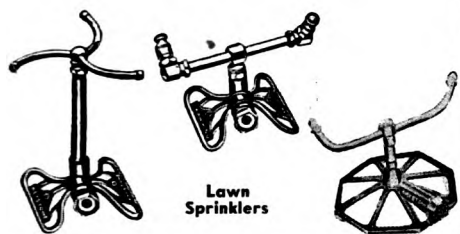
Ask your Jobber and see that our Trade-Mark appears on each package. If he is not supplied—write us.

Mention Hardware Age When Writing

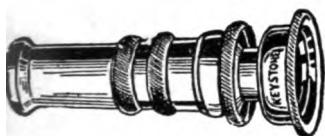
Quality  
Products

# SEND FOR NEW KEYSTONE CATALOGUE!

No. 100. Showing the most complete line of PLUMBING SPECIALTIES in America



Lawn  
Sprinklers



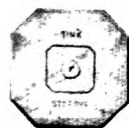
Keystone  
Hose Nozzle  
Brass



Keystone  
Climbing  
Hose  
Couplings  
and  
Menders



Royal  
Faucet  
Attachment



Keystone  
Rubber  
Sink  
Stoppers



Keystone  
Rubber  
Bumpers  
and  
Crutch  
Tips



Caster  
Cup



DeLuxe Quality  
Force Cup



Keystone  
Toilet Bowl  
Force Cup



Original  
Keystone

"Fits-All"  
Tank Ball



Keystone  
Faucet  
Washer  
Assortments



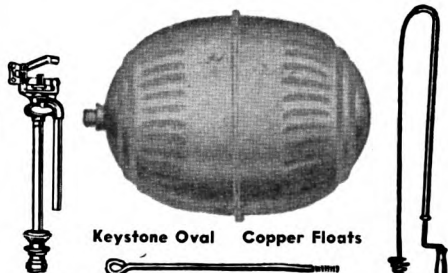
In  
Regular  
Boxes



Also in  
Window  
Display  
Boxes



Bibb Washers



Keystone Oval Copper Floats



Keystone  
Elevated  
Compound  
Lever Ball Cock

Tank Ball Rod



Keystone  
Closet  
Augers

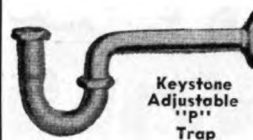


Keystone  
Bibb Seat  
Reamer



Shur-Lock  
Improved  
Mechanical  
Vacuum Cup

Write for catalogue showing  
complete Line



Keystone  
Adjustable  
Trap



White  
Toilet Seat



Keystone Combination  
Sink Faucet



Keystone  
Easy-Tach Faucet  
Handle



Plain Sink  
Faucet (Brass)



Drain  
Protector  
for Bath-  
tubs, etc.



Keystone  
Lavatory  
Strainer



Mermaid  
Shower  
Head



Bath Spray



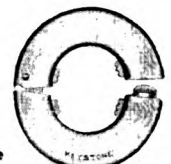
Keystone  
Expansion Nozzle



The Adjusto shower,  
(Outdoor)



Universal  
Radiator  
Valve Handle



Grip-Tite  
Floor & Ceiling Plate



Gas Range Cock

Keystone Automatic  
Air Valve



Gas Pilot Lighter (Patented)

Gas Range Connector



Suction  
Cellar Drainer

Federal  
Gas Tubing



**KEYSTONE BRASS & RUBBER CO., PHILADELPHIA, PA.**  
AMERICA'S LARGEST AND MOST COMPLETE PLUMBING SPECIALTY HOUSE

GENERAL OFFICES: BROAD and LEHIGH AVENUE

Mention Hardware Age When Writing

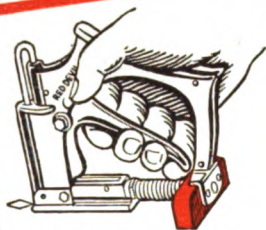


# Red Devil TOOLS & MACHINES

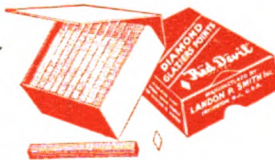
## FAMOUS RED DEVIL GLASS CUTTERS



## RED DEVIL WOOD SCRAPERS



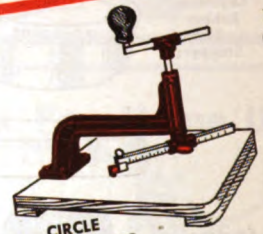
RED DEVIL  
POINT DRIVER NO. 1



RED DEVIL  
DIAMOND POINTS  
100 TO A STICK



RED DEVIL  
TRIANGLE POINTS  
6 SIZES



CIRCLE  
GLASS CUTTING  
MACHINE  
No. 386



RED DEVIL  
CARBIDE  
DRILL

## STIFF FLEXIBLE SUPERFLEX

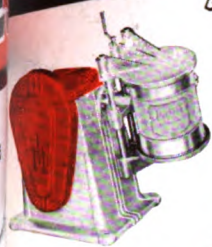


## RED DEVIL PAINTERS' CUTLERY





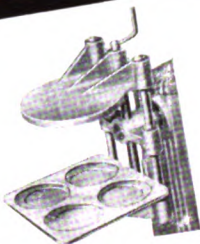
# LEAD -



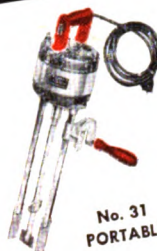
No. 30



PEDESTAL  
BASE  
4 CAN  
AD'PT  
for  
No. 30



No. 33

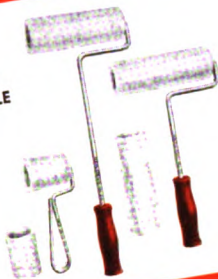


No. 31  
PORTABLE

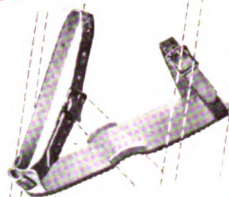
## RED DEVIL PAINT CONDITIONING MACHINERY

RED DEVIL  
ROLLER STIPPLER  
WITH REPLACEABLE  
COVERS

No.  
25, 26, 27  
28, 29



RED DEVIL  
PAINTERS KIT  
No. 193 \$1.89



LAD-R-SHU  
\$2.00 PAIR



RED DEVIL  
PAINT BRUSH  
CLEANER  
No. 32



No. 49  
7¢



JAK-NIFE  
No. 13  
10¢



RED DEVIL  
GLASS  
PLIERS

No. 210  
\$3.00



No. 410  
\$2.00



VACUUM CUP  
GLASS  
HOLDER  
No. 407 \$11.20



RED DEVIL  
FLOOR SANDER  
No. 444



RED DEVIL EDGER  
No. 440



RED DEVIL TILE CUTTING  
MACHINE No. 301



RED DEVIL ELECTRIC FENCER  
No. 333 \$10.95



SANDPAPER HOLDER  
No. 9A 30¢



HANDY PACK  
SANDPAPER



POT CLEANERS



No. 5  
2 FOR 5¢  
No. 10  
3 FOR 10¢  
GRADY WEDGES



## DID YOU KNOW —

RED DEVIL IS THE WORLD'S LARGEST PRODUCER OF GLASS CUTTERS? OF GLAZIERS' POINTS? OF WOOD SCRAPERS? OF PAINT CONDITIONING MACHINERY? OF PUTTY KNIVES & WALL SCRAPERS? OF GLASS PLIERS? OF AXE WEDGES? OF SANDPAPER HOLDERS? OF TILE CUTTING MACHINES?—AND DURING 1940 RED DEVIL HAS PLACED ON THE MARKET ELECTRIC FLOOR SANDERS, ELECTRIC FENCERS AND OTHER PROFITABLE, QUALITY ITEMS?

Due to space limitations only a few leaders in each RED DEVIL line are shown. Send for 64 page catalog of complete line—dealer helps, etc.

LONDON P. SMITH, INC., IRVINGTON, N. J.



Every house needs  
**Westinghouse**



THAT JUST ABOUT  
MAKES ME  
ALL ELECTRIC!

AND YOU DID  
IT ALL IN JUST  
A FEW YEARS



**CUSTOMER SALES RECORD**

*Mrs. Mathilde Jones*

OCCUPATION *Housewife*

CREDIT *Good*

PRICE

DATE	ITEM SOLD		PRICE
1933	Iron	LHC-24	7.95
	Washer	FW-3	70.00
1934	Refrigerator	CL-65	219.50
1935	Toaster	TE-4	4.95
	Waffle Baker	WSA-4	9.95
	Grill	SGC-4	8.95
1936	Srover	FI-3	89.95
1937	Vacuum Cleaner	RD-3	59.95
	Food Crafter	FP-3	26.95
1938	Range	Regent	245.00
	Fan	10-Q-3	17.95
1939	Water Heater	40 Gal.	104.00
	Toaster	RSA-64	29.90
	Dishwasher	DW-32	230.00
Total			\$1,125.00

**EVERY CUSTOMER A \$1,000 POTENTIAL!**

Actual millions of well-pleased customers know from personal experience "Westinghouse" means electrical appliances that give lasting satisfaction. Naturally they look for the same name when buying other appliances, and for the retailers displaying that name.

Every Westinghouse customer represents \$1000 in potential sales—just like Mrs. Mathilde Jones in the picture. Time after time, year after year, they continue to find and buy their favorite brand of electrical appliances.

As a Westinghouse dealer you can stock and sell the Westinghouse line to these repeat-purchase customers without burden some investment. Ask your Westinghouse man for details.

WESTINGHOUSE ELECTRIC & MANUFACTURING CO.  
MERCHANDISING DIVISION • DEPT. 147 • MANSFIELD, OHIO

**Westinghouse**

"The Line of  
Least Resistance"